[MS-SSWPS]:

Secure Store Web Service Protocol

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Revision Summary

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7/13/2009	0.1	Major	Initial Availability
8/28/2009	0.2	Editorial	Revised and edited the technical content
11/6/2009	0.3	Editorial	Revised and edited the technical content
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3/31/2010	1.01	Editorial	Revised and edited the technical content
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Date	Revision History	Revision Class	Comments
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7/15/2016	4.0	None	No changes to the meaning, language, or formatting of the technical content.
9/14/2016	4.0	None	No changes to the meaning, language, or formatting of the technical content.
9/19/2017	4.1	Minor	Clarified the meaning of the technical content.
7/24/2018	5.0	Major	Significantly changed the technical content.
10/1/2018	6.0	Major	Significantly changed the technical content.
6/18/2019	6.0	None	No changes to the meaning, language, or formatting of the technical content.
7/20/2021	7.0	Major	Significantly changed the technical content.
10/5/2021	8.0	Major	Significantly changed the technical content.
2/15/2022	8.0	None	No changes to the meaning, language, or formatting of the technical content.

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Secure Store Web Service Protocol
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1 Introduction

This document specifies the Secure Store Web Service Protocol. This protocol provides an interface for protocol clients to store and retrieve credentials and related information typically used to authenticate in business systems.

Sections 1.5, 1.8, 1.9, 2, and 3 of this specification are normative. All other sections and examples in this specification are informative.

1.1 Glossary

This document uses the following terms:

application server: A computer that provides infrastructure and services for applications that are hosted on a server farm.

base64 encoding: A binary-to-text encoding scheme whereby an arbitrary sequence of bytes is converted to a sequence of printable ASCII characters, as described in [RFC4648].

certificate: A certificate is a collection of attributes and extensions that can be stored persistently. The set of attributes in a certificate can vary depending on the intended usage of the certificate. A certificate securely binds a public key to the entity that holds the corresponding private key. A certificate is commonly used for authentication and secure exchange of information on open networks, such as the Internet, extranets, and intranets. Certificates are digitally signed by the issuing certification authority (CA) and can be issued for a user, a computer, or a service. The most widely accepted format for certificates is defined by the ITU-T X.509 version 3 international standards. For more information about attributes and extensions, see [RFC3280] and [X509] sections 7 and 8.

checksum: A value that is the summation of a byte stream. By comparing the checksums computed from a data item at two different times, one can quickly assess whether the data items are identical.

claim: (1) A set of operations that are performed on a workflow task to specify the user who owns it.

(2) A statement that one subject makes about itself or another subject. For example, the statement can be about a name, identity, key, group, privilege, or capability. Claims have a provider that issues them, and they are given one or more values. They are also defined by a claim value type and, possibly, associated metadata.

claim issuer: A claims provider that issues a **claim (2)**.

claim type: A statement that is part of a **claim (2)** and provides context for a claim value. It represents the type of claim and is typically a **Uniform Resource Identifier (URI)**. Examples include FirstName and Role.

claim value: A string that represents the value of a statement in a **claim (2)**. It specifies what is being asserted by a claim.

connection: A link that two physical machines or applications share to pass data back and forth.

credential: Previously established, authentication data that is used by a security principal to establish its own identity. When used in reference to the Netlogon Protocol, it is the data that is stored in the NETLOGON_CREDENTIAL structure.

endpoint: A communication port that is exposed by an **application server** for a specific shared service and to which messages can be addressed.

globally unique identifier (GUID): A term used interchangeably with universally unique identifier (UUID) in Microsoft protocol technical documents (TDs). Interchanging the usage of these terms does not imply or require a specific algorithm or mechanism to generate the value. Specifically, the use of this term does not imply or require that the algorithms described in [RFC4122] or [C706] must be used for generating the **GUID**. See also universally unique identifier (UUID).

group target application: A **target application** that stores credentials for a group of Secure Store Service (SSS) users. It references a set of **claims (2)** that represents the SSS users who can retrieve the credentials associated with it.

Hypertext Transfer Protocol (HTTP): An application-level protocol for distributed, collaborative, hypermedia information systems (text, graphic images, sound, video, and other multimedia files) on the World Wide Web.

Hypertext Transfer Protocol Secure (HTTPS): An extension of HTTP that securely encrypts and decrypts web page requests. In some older protocols, "Hypertext Transfer Protocol over Secure Sockets Layer" is still used (Secure Sockets Layer has been deprecated). For more information, see [SSL3] and [RFC5246].

individual target application: A **target application** that stores credentials for Secure Store Service (SSS) users. It references an identity **claim (2)** that represents an SSS user who can retrieve the credentials that are associated with it.

line-of-business (LOB) system: A software system that is used to store business data and can also contain business rules and business logic that support business processes.

master secret key: A symmetric encryption key that is used to encrypt and decrypt credentials and **Secure Store Service (SSS) tickets**.

Open Data Protocol (OData): A web protocol for querying and updating data specified in the OData protocol.

salt: An additional random quantity, specified as input to an encryption function that is used to increase the strength of the encryption.

Secure Store Service (SSS): A service that is used to store credentials for a user or a group of users. It enables applications, typically on behalf of a user, to authenticate and gain access to resources. Users can retrieve only their own credentials from the secure store.

Secure Store Service (SSS) partition: A group of target applications and credentials that are identified by a GUID and are contained in a single Secure Store Service (SSS) store.

Secure Store Service (SSS) store: A persistent store that provides storage for **target application** definitions and credentials.

Secure Store Service (SSS) ticket: A token that contains the encrypted identity of a Secure Store Service (SSS) user in the form of a **claim (2)** and a nonce.

Secure Store Service (SSS) user: A **security principal** that interacts with a Secure Store Service (SSS) implementation.

security principal: An identity that can be used to regulate access to resources. A security principal can be a user, a computer, or a group that represents a set of users.

SOAP: A lightweight protocol for exchanging structured information in a decentralized, distributed environment. **SOAP** uses XML technologies to define an extensible messaging framework, which provides a message construct that can be exchanged over a variety of underlying protocols. The framework has been designed to be independent of any particular programming model and

other implementation-specific semantics. SOAP 1.2 supersedes SOAP 1.1. See [SOAP1.2-1/2003].

SOAP action: The HTTP request header field used to indicate the intent of the **SOAP** request, using a **URI** value. See [SOAP1.1] section 6.1.1 for more information.

SOAP body: A container for the payload data being delivered by a SOAP message to its recipient. See [SOAP1.2-1/2007] section 5.3 for more information.

SOAP fault: A container for error and status information within a SOAP message. See [SOAP1.2-1/2007] section 5.4 for more information.

Status-Code: A 3-digit integer result code in an HTTP response message, as described in [RFC2616].

Structured Query Language (SQL): A database query and programming language that is widely used for accessing, querying, updating, and managing data in relational database systems.

target application: A logical entity that represents a software system for which credentials are maintained. It consists of metadata including the number and type of credentials that are required by the software system and a set of **claims (2)** that identify the administrators who can update, read, and delete the entity.

target application field: A name of a credential field and its associated credential type.

Uniform Resource Identifier (URI): A string that identifies a resource. The URI is an addressing mechanism defined in Internet Engineering Task Force (IETF) Uniform Resource Identifier (URI): Generic Syntax [RFC3986].

Uniform Resource Locator (URL): A string of characters in a standardized format that identifies a document or resource on the World Wide Web. The format is as specified in [RFC1738].

Web Services Description Language (WSDL): An XML format for describing network services as a set of endpoints that operate on messages that contain either document-oriented or procedure-oriented information. The operations and messages are described abstractly and are bound to a concrete network protocol and message format in order to define an endpoint. Related concrete endpoints are combined into abstract endpoints, which describe a network service. WSDL is extensible, which allows the description of endpoints and their messages regardless of the message formats or network protocols that are used.

WSDL message: An abstract, typed definition of the data that is communicated during a **WSDL operation** [WSDL]. Also, an element that describes the data being exchanged between web service providers and clients.

WSDL operation: A single action or function of a web service. The execution of a WSDL operation typically requires the exchange of messages between the service requestor and the service provider.

XML namespace: A collection of names that is used to identify elements, types, and attributes in XML documents identified in a URI reference [RFC3986]. A combination of XML namespace and local name allows XML documents to use elements, types, and attributes that have the same names but come from different sources. For more information, see [XMLNS-2ED].

XML namespace prefix: An abbreviated form of an **XML namespace**, as described in [XML].

XML schema: A description of a type of XML document that is typically expressed in terms of constraints on the structure and content of documents of that type, in addition to the basic syntax constraints that are imposed by XML itself. An XML schema provides a view of a document type at a relatively high level of abstraction.

MAY, SHOULD, MUST, SHOULD NOT, MUST NOT: These terms (in all caps) are used as defined in [RFC2119]. All statements of optional behavior use either MAY, SHOULD, or SHOULD NOT.

1.2 References

Links to a document in the Microsoft Open Specifications library point to the correct section in the most recently published version of the referenced document. However, because individual documents in the library are not updated at the same time, the section numbers in the documents may not match. You can confirm the correct section numbering by checking the Errata.

1.2.1 Normative References

We conduct frequent surveys of the normative references to assure their continued availability. If you have any issue with finding a normative reference, please contact dochelp@microsoft.com. We will assist you in finding the relevant information.

[RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, March 1997, http://www.rfc-editor.org/rfc/rfc2119.txt

[RFC2616] Fielding, R., Gettys, J., Mogul, J., et al., "Hypertext Transfer Protocol -- HTTP/1.1", RFC 2616, June 1999, http://www.rfc-editor.org/rfc/rfc2616.txt

[SOAP1.1] Box, D., Ehnebuske, D., Kakivaya, G., et al., "Simple Object Access Protocol (SOAP) 1.1", W3C Note, May 2000, http://www.w3.org/TR/2000/NOTE-SOAP-20000508/

[SOAP1.2-1/2007] Gudgin, M., Hadley, M., Mendelsohn, N., et al., "SOAP Version 1.2 Part 1: Messaging Framework (Second Edition)", W3C Recommendation, April 2007, http://www.w3.org/TR/2007/REC-soap12-part1-20070427/

[WSDL] Christensen, E., Curbera, F., Meredith, G., and Weerawarana, S., "Web Services Description Language (WSDL) 1.1", W3C Note, March 2001, http://www.w3.org/TR/2001/NOTE-wsdl-20010315

[XMLNS] Bray, T., Hollander, D., Layman, A., et al., Eds., "Namespaces in XML 1.0 (Third Edition)", W3C Recommendation, December 2009, http://www.w3.org/TR/2009/REC-xml-names-20091208/

[XMLSCHEMA1/2] Thompson, H., Beech, D., Maloney, M., and Mendelsohn, N., Eds., "XML Schema Part 1: Structures Second Edition", W3C Recommendation, October 2004, http://www.w3.org/TR/2004/REC-xmlschema-1-20041028/

[XMLSCHEMA2/2] Biron, P., and Malhotra, A., Eds., "XML Schema Part 2: Datatypes Second Edition", W3C Recommendation, October 2004, http://www.w3.org/TR/2004/REC-xmlschema-2-20041028/

1.2.2 Informative References

[MS-SPSTWS] Microsoft Corporation, "SharePoint Security Token Service Web Service Protocol".

[MS-SPTWS] Microsoft Corporation, "Service Platform Topology Web Service Protocol".

[RFC2818] Rescorla, E., "HTTP Over TLS", RFC 2818, May 2000, http://www.rfc-editor.org/rfc/rfc2818.txt

[SOAP1.2-2/2007] Gudgin, M., Hadley, M., Mendelsohn, N., et al., "SOAP Version 1.2 Part 2: Adjuncts (Second Edition)", W3C Recommendation, April 2007, http://www.w3.org/TR/2007/REC-soap12-part2-20070427

1.3   Overview

Enterprises have a variety of data stored in various **line-of-business (LOB) systems**. Typically, each of these systems has its own security model where the same user is represented by a unique system-specific **security principal**. A set of **credentials** is required as input before a user is allowed to access to the LOB system.

It is common for modern business applications to deliver functionality that requires data to be manipulated in more than a single software system concurrently. As a result, the user experience can be cumbersome, as each time a particular system is accessed, the user has to authenticate to it by providing his or her credentials for that particular system. It also burdens the user by requiring him or her to maintain different credentials for each system.

To improve the user experience and address the preceding issue, it is possible to store descriptions of LOB systems as **target applications** as well as the actual credentials for each user of each LOB system. Then an integrated application that spans multiple systems can programmatically obtain the credentials of the current **Secure Store Service (SSS) user** from the store and authenticate without prompting the SSS user for credentials each time a particular LOB system demands authentication. The SSS user never needs to authenticate more than once as long as the stored credentials remain valid with respect to the LOB.

This protocol allows multiple protocol clients sharing a single **SSS** configuration to communicate with a single protocol server.

This protocol allows protocol clients to create, read, update and delete target application definitions in an **application server**. It allows a protocol client to create, read, update and delete the credentials associated with each target application. Additionally, it allows a protocol client to create an **SSS ticket** that encapsulates the identity of a user of the protocol client into a token that may be later redeemed by a different user of the protocol client to retrieve credentials on behalf of the initial user.

The information handled and returned by the protocol client can contain highly sensitive information, so consumers of the protocol client need to secure the channel of communication and this data appropriately.

1.4   Relationship to Other Protocols

This protocol uses the **SOAP** message protocol for formatting request and response messages, as described in [SOAP1.1], [SOAP1.2-1/2007] and [SOAP1.2-2/2007]. It transmits those messages by using **HTTP**, as described in [RFC2616], or **Hypertext Transfer Protocol over Secure Sockets Layer (HTTPS)**, as described in [RFC2818].

The following diagram shows the underlying messaging and transport stack used by the protocol:

Secure Store Web Service	This Protocol
SOAP	
HTTP | HTTPS	Industry Standard
TCP	
IP	
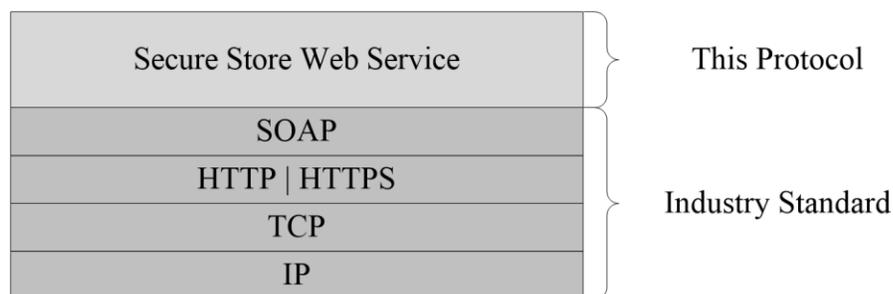
Figure 1: This protocol in relation to other protocols

1.5   Prerequisites/Preconditions

This protocol operates against a protocol server that exposes one or more **endpoint URIs** that are known by protocol clients. The endpoint URI of the protocol server and the transport that is used by the protocol server are either known by the protocol client or obtained by using the discovery mechanism that is described in [MS-SPTWS].

The protocol client obtains the requisite ApplicationClassId and ApplicationVersion values and the endpoint URI of the protocol server that provides the discovery mechanism, as described in [MS-SPTWS], by means that are independent of either protocol.

This protocol requires the protocol client to have permission to call the methods on the protocol server.

The protocol client implements the token-based security mechanisms that are required by the protocol server and related security protocols, as described in [MS-SPSTWS].

1.6   Applicability Statement

This protocol is designed for storing and retrieving **credentials** and related information typically used to authenticate to **line-of-business (LOB) systems**.

1.7   Versioning and Capability Negotiation

This document covers versioning issues in the following areas:

- **Supported Transports**: This protocol can be implemented by using transports that support sending **Simple Object Access Protocol (SOAP)** messages, as described in section 2.1.

- **Protocol Versions**: This protocol is not versioned.

Capability Negotiation: This protocol does not support version negotiation.

1.8   Vendor-Extensible Fields

None.

1.9   Standards Assignments

None.

2   Messages

In the following sections, the schema definition might differ from the processing rules imposed by the protocol. The **WSDL** in this specification matches the WSDL that shipped with the product and provides a base description of the schema. The text that introduces the WSDL might specify differences that reflect actual Microsoft product behavior. For example, the schema definition might allow for an element to be **empty**, **null**, or **not present** but the behavior of the protocol as specified restricts the same elements to being **non-empty**, **not null**, and **present**.

2.1   Transport

Protocol servers MUST support SOAP over either **HTTP** or **HTTPS**.

All protocol messages MUST be transported using HTTP bindings at the transport level.

Protocol messages MUST be formatted as specified either in [SOAP1.1] section 4 or in [SOAP1.2-1/2007] section 5. Protocol server faults MUST be returned either using HTTP **Status-Codes** or using **SOAP faults** as specified either in [SOAP1.1] section 4.4 or in [SOAP1.2-1/2007] section 5.4.

If the HTTPS transport is used, a server **certificate** MUST be deployed.

This protocol does not define any means for activating a server or a client. The server MUST be configured and begin listening in an implementation-specific way. The client MUST know the format and transport used by the server. For example, the server could use the **SOAP** format over an HTTP transport.

2.2   Common Message Syntax

This section contains common definitions that are used by this protocol. The syntax of the definitions uses **XML schema**, as specified in [XMLSCHEMA1/2] and [XMLSCHEMA2/2], and **WSDL**, as specified in [WSDL].

2.2.1   Namespaces

This specification defines and references various **XML namespaces** using the mechanisms specified in [XMLNS]. Although this specification associates a specific **XML namespace prefix** for each XML namespace that is used, the choice of any particular XML namespace prefix is implementation-specific and not significant for interoperability.

Prefix	Namespace URI	Reference
q1	http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server	
q2	http://schemas.microsoft.com/2003/10/Serialization/Arrays	
q3	http://schemas.datacontract.org/2004/07/System	
q4	http://schemas.datacontract.org/2004/07/System.ServiceModel	
soap	http://schemas.xmlsoap.org/wsdl/soap/	[SOAP1.1]
tns	http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice	
tns1	http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.SecureStore	
tns2	http://schemas.microsoft.com/2003/10/Serialization/	

Prefix	Namespace URI	Reference
tns3	http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/Imports	
wsaw	http://www.w3.org/2006/05/addressing/wsdl	
wsdl	http://schemas.xmlsoap.org/wsdl/	[WSDL]
xs	http://www.w3.org/2001/XMLSchema	[XMLSCHEMA1/2] [XMLSCHEMA2/2]

2.2.2 Messages

This specification does not define any common **WSDL message** definitions.

2.2.2.1 Serializing Error Complex Types in Soap Faults

Complex types designated as error complex types and returned as responses by the protocol server MUST be formatted as SOAP Faults, as specified in [SOAP1.2-1/2007] section 5.4.

Code: MUST contain a **Value** sub-element, which MUST be set by the sender. MAY contain a **Subcode** sub-element.

Reason: MUST contain a **Text** sub-element, which MUST be ignored by the protocol client.

Detail: MUST contain the error complex type or be empty.

2.2.3 Elements

This specification does not define any common **XML schema** element definitions.

2.2.4 Complex Types

The following table summarizes the set of common **XML schema** complex type definitions defined by this specification. XML schema complex type definitions that are specific to a particular operation are described with the operation.

Complex type	Description
ArgumentException	The **ArgumentException** complex type is an error complex type that contains information about a protocol-server-side error caused by an argument with an invalid value. The complex type MUST only be included as part of a SOAP fault as specified in section 2.2.2.1.
ArgumentNullException	The **ArgumentNullException** complex type is an error complex type that contains information about a protocol-server-side error caused by a NULL value in an argument that does not accept NULL values. The complex type MUST only be included as part of a SOAP fault as specified in section 2.2.2.1.

Complex type	Description
ArgumentOutOfRangeException	The **ArgumentOutOfRangeException** complex type is an error complex type that contains information about a protocol-server-side error caused by an argument that is outside the range of implementation-specific permissible values. The complex type MUST only be included as part of a SOAP fault as specified in section 2.2.2.1.
ArrayOfKeyValueOfstringstring	The **ArrayOfKeyValueOfstringstring** complex type<1> representing the list of **CustomSettings** specified in section 2.2.4.19.
ArrayOfSecureStoreServiceClaim	The **ArrayOfSecureStoreServiceClaim** complex type represents a list of SecureStoreServiceClaims.
ArrayOfSerializableSecureStoreCredential	The **ArrayOfSerializableSecureStoreCredential** complex type represents a list of SerializableSecureStoreCredentials. Its count MUST be between 1 and 10, inclusive.
ArrayOfTargetApplication	The **ArrayOfTargetApplication** complex type represents a list of TargetApplications.
ArrayOfTargetApplicationField	The **ArrayOfTargetApplicationField** complex type represents a list of TargetApplicationFields. The number of TargetApplicationField elements MUST be between 1 and 10, inclusive.
ConnectionSettings	The **ConnectionSettings** complex type<2> contains information about an **endpoint (4)** that can be used to connect to it.
ConnectionSettingsNotFoundFault	An error complex type containing information about a server-side error because specified connection settings are not being found in **SSS store**.<3> The complex type MUST be included as part of a SOAP fault.
Exception	The **Exception** complex type is an error complex type that contains information about a protocol-server-side error. The complex type MUST only be included as part of a SOAP fault as specified in section 2.2.2.1.
ExceptionDetail	An error complex type representing the details of the violation that happened inside the **Secure Store Service (SSS)**.<4> This complex type MUST only be included as part of a SOAP fault.
SecureStoreServiceClaim	The **SecureStoreServiceClaim** complex type contains information about a **claim (2)**.
SecureStoreServiceConnectionSettingsAlreadyExistFault	An error complex type representing a server-side error caused by a request to create a **ConnectionSettings endpoint** with identification information that already exists.<5> This complex type MUST only be used as a SOAP fault.

Complex type	Description
SecureStoreServiceCredentialsNotFoundFault	An error complex type containing information about a server-side error caused by **credentials** not being found in the Secure Store Service (SSS) store. The complex type MUST only be included as part of a SOAP fault.
SecureStoreServiceFault	An error complex type containing information about a server-side error because of a violation of constraints on SSS store. The complex type MUST only be included as part of a soap fault as specified in section 2.2.2.1.
SecureStoreServiceTargetApplicationNotFoundFault	An error complex type containing information about a server-side error because specified **target application** not being found in SSS store. The complex type MUST be included as part of a soap fault.
SerializableSecureStoreCredential	The **SerializableSecureStoreCredential** complex type contains information about secure store credential.
SystemException	The **SystemException** complex type is an error complex type that contains information about a protocol-server-side error caused by an attempt to perform an operation that is invalid for the current state of the protocol server.
TargetApplication	The **TargetApplication** complex type contains information about the target application definition.
TargetApplicationClaims	The **TargetApplicationClaims** complex type contains information about claims (2) that represent the **SSS users** that are administrators, group members, or SSS users that can redeem a SSS ticket of a target application.
TargetApplicationField	The **TargetApplicationField** complex type contains credential field definition information for the target application.

2.2.4.1 ArgumentException

Namespace: http://schemas.datacontract.org/2004/07/System

The **ArgumentException** complex type is an error complex type that contains information about a protocol-server-side error caused by an argument with an invalid value. The complex type MUST only be included as part of a SOAP fault as specified in section 2.2.2.1.

```
<xs:complexType name="ArgumentException" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexContent mixed="false">
    <xs:extension base="q3:SystemException"/>
  </xs:complexContent>
</xs:complexType>
```

2.2.4.2 ArgumentNullException

Namespace: http://schemas.datacontract.org/2004/07/System

The **ArgumentNullException** complex type is an error complex type that contains information about a protocol-server-side error caused by a NULL value in an argument that does not accept NULL values. The complex type MUST only be included as part of a SOAP fault as specified in section 2.2.2.1.

```
<xs:complexType name="ArgumentNullException" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexContent mixed="false">
    <xs:extension base="q3:ArgumentException"/>
  </xs:complexContent>
</xs:complexType>
```

2.2.4.3 ArgumentOutOfRangeException

Namespace: http://schemas.datacontract.org/2004/07/System

The **ArgumentOutOfRangeException** complex type is an error complex type that contains information about a protocol-server-side error caused by an argument that is outside the range of implementation-specific permissible values. The complex type MUST only be included as part of a SOAP fault as specified in section 2.2.2.1.

```
<xs:complexType name="ArgumentOutOfRangeException"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexContent mixed="false">
    <xs:extension base="q3:ArgumentException"/>
  </xs:complexContent>
</xs:complexType>
```

2.2.4.4 ArrayOfSecureStoreServiceClaim

Namespace: http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server

The **ArrayOfSecureStoreServiceClaim** complex type represents a list of SecureStoreServiceClaims.

```
<xs:complexType name="ArrayOfSecureStoreServiceClaim"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="SecureStoreServiceClaim"
nillable="true" type="q1:SecureStoreServiceClaim"/>
  </xs:sequence>
</xs:complexType>
```

SecureStoreServiceClaim: Element specified by SecureStoreServiceClaim complex type.

2.2.4.5 ArrayOfSerializableSecureStoreCredential

Namespace: http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server

The **ArrayOfSerializableSecureStoreCredential** complex type represents a list of SerializableSecureStoreCredentials. Its count MUST be between 1 and 10, inclusive.

```
<xs:complexType name="ArrayOfSerializableSecureStoreCredential"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
```

```
    <xs:element minOccurs="0" maxOccurs="unbounded" name="SerializableSecureStoreCredential"
nillable="true" type="q1:SerializableSecureStoreCredential"/>
   </xs:sequence>
</xs:complexType>
```

SerializableSecureStoreCredential: Element specified by SerializableSecureStoreCredential complex type. It MUST NOT be NULL.

2.2.4.6 ArrayOfTargetApplication

Namespace: http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server

The **ArrayOfTargetApplication** complex type represents a list of TargetApplications.

```
<xs:complexType name="ArrayOfTargetApplication" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="TargetApplication" nillable="true"
type="q1:TargetApplication"/>
  </xs:sequence>
</xs:complexType>
```

TargetApplication: Element specified by TargetApplication complex type.

2.2.4.7 ArrayOfTargetApplicationField

Namespace: http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server

The **ArrayOfTargetApplicationField** complex type represents a list of TargetApplicationFields. The number of TargetApplicationField elements MUST be between 1 and 10, inclusive.

```
<xs:complexType name="ArrayOfTargetApplicationField"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="TargetApplicationField"
nillable="true" type="q1:TargetApplicationField"/>
  </xs:sequence>
</xs:complexType>
```

TargetApplicationField: Element specified by TargetApplicationField complex type.

2.2.4.8 Exception

Namespace: http://schemas.datacontract.org/2004/07/System

The **Exception** complex type is an error complex type that contains information about a protocol-server-side error. The complex type MUST only be included as part of a SOAP fault as specified in section 2.2.2.1.

```
<xs:complexType name="Exception" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:any minOccurs="0" maxOccurs="unbounded" namespace="##local" processContents="skip"/>
  </xs:sequence>
  <xs:attribute ref="tns2:FactoryType"/>
</xs:complexType>
```

tns2:FactoryType: This specifies a factory class that can deserialize the type.

2.2.4.9 SecureStoreServiceClaim

Namespace: http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server

The **SecureStoreServiceClaim** complex type contains information about a **claim (2)**.

```
<xs:complexType name="SecureStoreServiceClaim" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="claimIssuer" nillable="true" type="xs:string"/>
    <xs:element name="claimType" nillable="true" type="xs:string"/>
    <xs:element name="claimValue" nillable="true" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

claimIssuer: A **claim issuer**. It MUST be between 1 and 2084 characters, inclusive, in length.

claimType: A **claim type**. It MUST be between 1 and 2084 characters, inclusive, in length.

claimValue: A **claim value**. It MUST be between 1 and 2048 characters, inclusive, in length.

2.2.4.10   SecureStoreServiceCredentialsNotFoundFault

Namespace: http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server

An error complex type containing information about a server-side error caused by **credentials** not being found in the **Secure Store Service (SSS) store**. The complex type MUST only be included as part of a SOAP fault.

```
<xs:complexType name="SecureStoreServiceCredentialsNotFoundFault"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" name="CredentialManagementUrl" nillable="true"
type="xs:anyURI"/>
    <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="TargetApplicationId" nillable="true" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

CredentialManagementUrl: The URL for managing credentials for a **target application**. It MUST be NULL or contain between 1 and 2084 characters, inclusive, in length.

Message: An implementation specific description of the violation. It MUST NOT be NULL.

TargetApplicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length. It MUST NOT be NULL.

2.2.4.11   SecureStoreServiceFault

Namespace: http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server

An error complex type containing information about a server-side error because of a violation of constraints on **SSS store**. The complex type MUST only be included as part of a soap fault as specified in section 2.2.2.1.

```
<xs:complexType name="SecureStoreServiceFault" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" name="ErrorCode" type="q1:SecureStoreErrorCode"/>
    <xs:element xmlns:q4="http://schemas.datacontract.org/2004/07/System.ServiceModel"
minOccurs="0" name="InnerExceptionDetail" nillable="true" type="q4:ExceptionDetail"/>
```

```
      <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
   </xs:sequence>
</xs:complexType>
```

ErrorCode: The error code of the violation. It MUST NOT be NULL.

InnerExceptionDetail: The details of the inner exception.

Message: A description of the violation. It MUST NOT be NULL.

2.2.4.12   SecureStoreServiceTargetApplicationNotFoundFault

Namespace: http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server

An error complex type containing information about a server-side error because specified **target application** not being found in **SSS store**. The complex type MUST be included as part of a soap fault.

```
<xs:complexType name="SecureStoreServiceTargetApplicationNotFoundFault"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="TargetApplicationId" nillable="true" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

Message: An implementation specific description of the violation. It MUST NOT be NULL.

TargetApplicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

2.2.4.13   SerializableSecureStoreCredential

Namespace: http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server

The **SerializableSecureStoreCredential** complex type contains information about secure store **credential**.

```
<xs:complexType name="SerializableSecureStoreCredential"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="credential" nillable="true" type="xs:base64Binary"/>
    <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" name="credentialType" type="tns1:SecureStoreCredentialType"/>
  </xs:sequence>
</xs:complexType>
```

credential: It contains the byte array of the credential. It MUST NOT be NULL.

credentialType: Element specified by SecureStoreCredentialType simple type.

2.2.4.14   SystemException

Namespace: http://schemas.datacontract.org/2004/07/System

The **SystemException** complex type is an error complex type that contains information about a protocol-server-side error caused by an attempt to perform an operation that is invalid for the current state of the protocol server.

```
<xs:complexType name="SystemException" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexContent mixed="false">
    <xs:extension base="q3:Exception"/>
  </xs:complexContent>
</xs:complexType>
```

2.2.4.15   TargetApplication

Namespace: http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server

The **TargetApplication** complex type contains information about the **target application** definition.

```
<xs:complexType name="TargetApplication" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element name="appId" nillable="true" type="xs:string"/>
    <xs:element name="contactEmail" nillable="true" type="xs:string"/>
    <xs:element name="credentialManagementUrl" nillable="true" type="xs:anyURI"/>
    <xs:element name="friendlyName" nillable="true" type="xs:string"/>
    <xs:element name="ticketTimeout" type="xs:int"/>
    <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" name="type" type="tns1:TargetApplicationType"/>
  </xs:sequence>
</xs:complexType>
```

appId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

contactEmail: The email address of an administrator who owns the administration responsibility for this target application. It MUST either be NULL, or be a valid formatted email address and less than or equal to 128 characters in length.

credentialManagementUrl: The URL for managing **credentials** for this target application. It MUST be NULL or contain between 1 and 2084 characters, inclusive, in length.

friendlyName: The descriptive name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

ticketTimeout: The validity in minutes for **SSS tickets** for this target application. This value MUST be between 1 and 525600, inclusive, if the target application type is IndividualWithTicketing or GroupWithTicketing. This value MUST be set to 0 if the target application type is not equal to IndividualWithTicketing or GroupWithTicketing.

type: The element specified by the **TargetApplicationType** simple type (section 2.2.5.5).

2.2.4.16   TargetApplicationClaims

Namespace: http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server

The **TargetApplicationClaims** complex type contains information about **claims (2)** that represent the **SSS users** that are administrators, group members, or SSS users that can redeem a SSS ticket of a **target application**.

```
<xs:complexType name="TargetApplicationClaims" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
```

```
        <xs:element name="administratorClaims" nillable="true"
type="q1:ArrayOfSecureStoreServiceClaim"/>
        <xs:element name="groupClaims" nillable="true" type="q1:ArrayOfSecureStoreServiceClaim"/>
        <xs:element name="ticketRedeemerClaims" nillable="true"
type="q1:ArrayOfSecureStoreServiceClaim"/>
    </xs:sequence>
</xs:complexType>
```

administratorClaims: The set of claims (2) that represent the group of SSS users that are administrators of a target application. It MUST NOT be NULL. It MUST contain at least one administrator claim item.

groupClaims: The set of claims (2) that represent the group of SSS users that are group members for a **group target application**. If the specified target application is a group target application, the value MUST NOT be NULL.

ticketRedeemerClaims: The set of claims (2) that represent the group of SSS users that can redeem a **SSS ticket** for a target application. If the specified target application is a target application with ticketing, the value MUST NOT be NULL.

2.2.4.17   TargetApplicationField

Namespace: http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server

The **TargetApplicationField** complex type contains **credential** field definition information for the **target application**.

```
<xs:complexType name="TargetApplicationField" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" name="credentialType" type="tns1:SecureStoreCredentialType"/>
    <xs:element name="masked" type="xs:boolean"/>
    <xs:element name="name" nillable="true" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

credentialType: The type of the credential that the **target application field** contains.

masked: A Boolean value that specifies whether the target application field needs to be masked when displayed in an implementation-specific user interface.

name: The name of the target application field. It MUST be between 1 and 256 characters, inclusive, in length.

2.2.4.18   ArrayOfKeyValueOfstringstring

Namespace: http://schemas.microsoft.com/2003/10/Serialization/Arrays

The **ArrayOfKeyValueOfstringstring** complex type<6> representing the list of **CustomSettings** specified in section 2.2.4.19.

```
<xs:complexType name="ArrayOfKeyValueOfstringstring"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="KeyValueOfstringstring">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="Key" nillable="true" type="xs:string"/>
```

```
            <xs:element name="Value" nillable="true" type="xs:string"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
```

KeyValueOfstringstring: Element specified by **CustomSettings** in section 2.2.4.19.

KeyValueOfstringstring.Key: The name of the custom setting for the connection settings object.

KeyValueOfstringstring.Value: The value of the custom setting for the connection settings object.

2.2.4.19   ConnectionSettings

Namespace:
http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.SecureStore

The **ConnectionSettings** complex type<7> contains information about an **endpoint (4)** that can be used to connect to it.

```
<xs:complexType name="ConnectionSettings" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" name="AuthenticationMode" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="ConnectionSettingsType"
type="tns1:ConnectionSettingsType"/>
    <xs:element xmlns:q2="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="CustomSettings" nillable="true" type="q2:ArrayOfKeyValueOfstringstring"/>
    <xs:element minOccurs="0" name="Description" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="Name" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="ParentName" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="ProxySSOApplicationId" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="ProxyTarget" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="SSOApplicationId" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="SSOProviderImplId" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="Target" nillable="true" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

AuthenticationMode: The **authentication mode** used by the **endpoint (4)**. It MUST be NULL or contain between 1 and 256 characters, inclusive, in length.

ConnectionSettingsType: The element specified by the **ConnectionSettingsType** simple type (section 2.2.5.6).

CustomSettings: A **dictionary**, of string type key and value pairs, which is meant to store additional information about an **endpoint (4)** that cannot be stored as part of the **ConnectionSettings** complex type. The list MUST be serialized into **ArrayOfKeyValueOfstringstring** complex type (section 2.2.4.18) and the length of the serialized string MUST NOT exceed 4000 characters.

Description: The description of the **endpoint (4)**. It MUST be NULL or contain between 1 and 1024 characters, inclusive, in length.

Name: The unique name used to identify the **endpoint (4)**. It MUST contain between 1 and 256 characters, inclusive, in length.

ParentName: The unique name used to identify the parent of the **endpoint (4)**. It MUST be NULL or contain between 1 and 256 characters, inclusive, in length.

ProxySSOApplicationId: The appId of the **target application** (section 2.2.4.15) to the proxy of the **endpoint (4)**. It MUST be NULL or contain between 1 and 256 characters, inclusive, in length.

ProxyTarget: The URL of the proxy for the **endpoint (4)**. It MUST be NULL or contain between 1 and 2084 characters, inclusive, in length.

SSOApplicationId: The appId of the target application (section 2.2.4.15) to the **endpoint (4)**. It MUST be NULL or contain between 1 and 256 characters, inclusive, in length.

SSOProviderImplId: The name of the implementation of the target application for the **endpoint (4)**.

Target: The URL of the **endpoint (4)**. It MUST be NULL or contain between 1 and 2084 characters, inclusive, in length.

2.2.4.20 ConnectionSettingsNotFoundFault

Namespace: http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server

An error complex type containing information about a server-side error because specified connection settings are not being found in **SSS store**.<8> The complex type MUST be included as part of a SOAP fault.

```
<xs:complexType name="ConnectionSettingsNotFoundFault"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

Message: An implementation specific description of the violation. It MUST NOT be NULL.

2.2.4.21 ExceptionDetail

Namespace: http://schemas.datacontract.org/2004/07/System.ServiceModel

An error complex type representing the details of the violation that happened inside the **Secure Store Service (SSS)**.<9> This complex type MUST only be included as part of a SOAP fault.

```
<xs:complexType name="ExceptionDetail" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" name="HelpLink" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="InnerException" nillable="true"
type="q4:ExceptionDetail"/>
    <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="StackTrace" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="Type" nillable="true" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

HelpLink: The help link of the exception.

InnerException: The **ExceptionDetail** object representing the inner exception.

Message: The description of the exception.

StackTrace: The stack trace of the exception.

Type: The type of the exception.

2.2.4.22 SecureStoreServiceConnectionSettingsAlreadyExistFault

Namespace: http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server

An error complex type representing a server-side error caused by a request to create a **ConnectionSettings endpoint** with identification information that already exists.<10> This complex type MUST only be used as a SOAP fault.

```
<xs:complexType name="SecureStoreServiceConnectionSettingsAlreadyExistFault"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

Message: A description of the violation.

2.2.5 Simple Types

The following table summarizes the set of common **XML schema** simple type definitions defined by this specification. XML schema simple type definitions that are specific to a particular operation are described with the operation.

Simple type	Description
char	Reserved.
ConnectionSettingsType	**ConnectionSettingsType<11>** is an enumeration indicating the type of **ConnectionSettings** (section 2.2.4.19).
duration	Reserved.
guid	Specifies the string representation of a **GUID** in the form of a GUID string.
SecureStoreCredentialType	**SecureStoreCredentialType** is an enumeration indicating the type of **SerializableSecureStoreCredential** (section 2.2.4.13).
SecureStoreErrorCode	This simple type represents the type of an error.<12>
TargetApplicationType	**TargetApplicationType** is an enumeration indicating the type of **TargetApplication** (section 2.2.4.15).

2.2.5.1 char

Namespace: http://schemas.microsoft.com/2003/10/Serialization/

Reserved.

```
<xs:simpleType name="char" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:restriction base="xs:int"/>
</xs:simpleType>
```

2.2.5.2 duration

Namespace: http://schemas.microsoft.com/2003/10/Serialization/

Reserved.

```xml
<xs:simpleType name="duration" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:restriction base="xs:duration">
    <xs:pattern value="\-?P(\d*D)?(T(\d*H)?(\d*M)?(\d*(\.\d*)?S)?)?"/>
    <xs:minInclusive value="-P10675199DT2H48M5.4775808S"/>
    <xs:maxInclusive value="P10675199DT2H48M5.4775807S"/>
  </xs:restriction>
</xs:simpleType>
```

2.2.5.3 guid

Namespace: http://schemas.microsoft.com/2003/10/Serialization/

Specifies the string representation of a **GUID** in the form of a GUID string.

```xml
<xs:simpleType name="guid" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:restriction base="xs:string">
    <xs:pattern value="[\da-fA-F]{8}-[\da-fA-F]{4}-[\da-fA-F]{4}-[\da-fA-F]{4}-[\da-fA-F]{12}"/>
  </xs:restriction>
</xs:simpleType>
```

2.2.5.4 SecureStoreCredentialType

Namespace:
http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.SecureStore

SecureStoreCredentialType is an enumeration indicating the type of
SerializableSecureStoreCredential (section 2.2.4.13).

```xml
<xs:simpleType name="SecureStoreCredentialType" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:restriction base="xs:string">
    <xs:enumeration value="UserName"/>
    <xs:enumeration value="Password"/>
    <xs:enumeration value="Pin"/>
    <xs:enumeration value="Key"/>
    <xs:enumeration value="Generic"/>
    <xs:enumeration value="WindowsUserName"/>
    <xs:enumeration value="WindowsPassword"/>
    <xs:enumeration value="Certificate"/>
    <xs:enumeration value="CertificatePassword"/>
  </xs:restriction>
</xs:simpleType>
```

The following table specifies the allowable values for the **SecureStoreCredentialType** simple type.

Value	Meaning
UserName	User name **credential** type.
Password	Password credential type.
Pin	Personal identification number (PIN) credential type.
Key	Key credential type.
Generic	Generic credential type.

Value	Meaning
WindowsUserName	Windows user name credential type.
WindowsPassword	Windows password credential type.
Certificate	Certificate credential type.
CertificatePassword	Certificate password credential type.

2.2.5.5 TargetApplicationType

Namespace:
http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.SecureStore

TargetApplicationType is an enumeration indicating the type of **TargetApplication** (section 2.2.4.15).

```
<xs:simpleType name="TargetApplicationType" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Individual"/>
    <xs:enumeration value="Group"/>
    <xs:enumeration value="IndividualWithTicketing"/>
    <xs:enumeration value="GroupWithTicketing"/>
    <xs:enumeration value="RestrictedIndividual"/>
    <xs:enumeration value="RestrictedGroup"/>
  </xs:restriction>
</xs:simpleType>
```

The following table specifies the allowable values for the **TargetApplicationType** simple type.

Value	Meaning
Individual	An **individual target application** that stores credentials for individual **SSS users**. The **credentials** are meant to be used by applications that perform no additional authorization against the data stored or retrieved from the system to which the credentials are used to authenticate.
Group	A **group target application** that stores credentials for a group of SSS users. The credentials are meant to be used by applications that perform no additional authorization against the data stored or retrieved from the system to which the credentials are used to authenticate.
IndividualWithTicketing	An individual target application that stores credentials for individual SSS users. The credentials are meant to be used by applications that perform no additional authorization against the data stored or retrieved from the system to which the credentials are used to authenticate. This **target application** also allows a user to create an **SSS ticket**. When using an SSS ticket, a user "A" can retrieve the credentials for another user "B", by using an SSS ticket created by user "B".
GroupWithTicketing	A group target application that stores credentials for a group of SSS users. The credentials are meant to be used by applications that perform no additional authorization against the data stored or retrieved from the system to which the credentials are used to authenticate. This target application also allows a user to create an SSS ticket. When using an SSS

Value	Meaning
	ticket, a user "A" can retrieve the credentials for another user "B", by using an SSS ticket created by user "B".
RestrictedIndividual	An individual target application that stores credentials for individual SSS users. The credentials are meant to be used by applications that perform additional, implementation specific, authorization against sensitive data stored or retrieved from the system to which the credentials are used to authenticate.
RestrictedGroup	A group target application that stores credentials for a group of SSS users. The credentials are meant to be used by applications that perform additional, implementation specific, authorization against sensitive data stored or retrieved from the system to which the credentials are used to authenticate.

2.2.5.6 ConnectionSettingsType

Namespace:
http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.SecureStore

ConnectionSettingsType<13> is an enumeration indicating the type of **ConnectionSettings** (section 2.2.4.19).

```
<xs:simpleType name="ConnectionSettingsType" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:restriction base="xs:string">
    <xs:enumeration value="None"/>
    <xs:enumeration value="OData"/>
    <xs:enumeration value="ODataMetadata"/>
    <xs:enumeration value="SQL"/>
  </xs:restriction>
</xs:simpleType>
```

The following table specifies the allowable values for the **ConnectionSettingsType** simple type.

Value	Meaning
None	No specific type.
OData	**OData** connection settings object type.
ODataMetadata	OData Metadata connection settings object type
SQL	**SQL** connection settings object type.

2.2.5.7 SecureStoreErrorCode

Namespace: http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server

This simple type represents the type of an error.<14>

```
<xs:simpleType name="SecureStoreErrorCode" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:restriction base="xs:string">
    <xs:enumeration value="General"/>
    <xs:enumeration value="AccessDenied"/>
```

```
      <xs:enumeration value="InvalidUserInput"/>
   </xs:restriction>
</xs:simpleType>
```

The following table specifies the allowable values for the **SecureStoreErrorCode** simple type.

Value	Meaning
General	The error has happened for unknown reasons.
AccessDenied	The error has happened because the caller does not have sufficient rights to perform the requested operation.
InvalidUserInput	The error has happened because of invalid user inputs.

2.2.6 Attributes

This specification does not define any common **XML schema** attribute definitions.

2.2.7 Groups

This specification does not define any common **XML schema** group definitions.

2.2.8 Attribute Groups

This specification does not define any common **XML schema** attribute group definitions.

2.2.9 Common Data Structures

This specification does not define any common **XML schema** data structures.

3   Protocol Details

In the following sections, the schema definition might differ from the processing rules imposed by the protocol. The **WSDL** in this specification matches the WSDL that shipped with the product and provides a base description of the schema. The text that introduces the WSDL might specify differences that reflect actual Microsoft product behavior. For example, the schema definition might allow for an element to be **empty**, **null**, or **not present** but the behavior of the protocol as specified restricts the same elements to being **non-empty**, **not null**, and **present**.

The client side of this protocol is simply a pass-through. That is, no additional timers or other state is required on the client side of this protocol. Calls made by the higher-layer protocol or application are passed directly to the transport, and the results returned by the transport are passed directly back to the higher-layer protocol or application.

Except where specified, protocol clients SHOULD interpret **HTTP** status codes returned by the protocol server as specified in [RFC2616] (Section 10, Status Code Definitions).

This protocol allows protocol servers to notify protocol clients of application-level faults using **SOAP** faults. Except where specified, these SOAP faults are not significant for interoperability, and protocol clients can interpret them in an implementation-specific manner.

This protocol allows protocol servers to perform implementation-specific authorization checks and notify protocol clients of authorization faults using SOAP faults as specified previously in this section.

3.1   Server Details

All operations, except the **ChangeMasterSecretKey** operation, consist of a basic request-response pair, and the server treats each request as an independent transaction that is unrelated to any previous request.

3.1.1   Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this protocol. The described organization is provided to facilitate the explanation of how the protocol behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

The protocol server maintains the following sets of data for this protocol within an **SSS store**. Data is maintained until updated or removed.

SSS configuration: A set of information that dictates the behavior of the protocol server and protocol clients. It includes information such as the number of days the SSS audit entries are preserved, and a flag to indicate the auditing is enabled and timestamp indicating the version of the **SSS** configuration information set.

Target application definitions: A set of **target applications** that each consist of a unique identifier, programmatic name, descriptive name, e-mail contact, **claims (2)** representing the set of **SSS users** who can administer the target application, claims (2) representing the members of a **group target application**, claims (2) representing the users who can redeem an **SSS ticket**, and a set of credential field labels and information about how they can each be displayed in a user interface.

Issued SSS tickets: A set of unexpired tokens that represent the SSS tickets issued, along with the date and time of issue.

Credentials: A set of **credentials** for a single SSS user or for a set of SSS users, for each target application. An identifier is associated with each set of credentials, the unique identifier of the owning

target application and an identity claim (2) that specifies the **security principal** who owns the credentials, if the credentials are associated with an **individual target application**.

Master Secret Key: A secret key used by the protocol client to symmetrically encrypt and decrypt the credentials and SSS ticket to secure them, along with associated **salt** and implementation specific **checksum**. It is stored encrypted using implementation-specific means.

3.1.2 Timers

None.

3.1.3 Initialization

None.

3.1.4 Message Processing Events and Sequencing Rules

The specifications of the operations in this section identify the conditions under which the protocol server MUST respond with corresponding error complex types. In addition, if the protocol server encounters an error specific to its implementation, it SHOULD respond with any fault listed in the WSDL for its operation. The responses MUST be formatted as SOAP faults, using error complex types serialized as specified in section 2.2.9.

The different error complex types have the following meanings.

Error Complex Type	Condition
ArgumentException	The protocol server encounters an invalid argument value while performing implementation-specific operations.
ArgumentNullException	While performing implementation-specific operations, the protocol server encounters a NULL value for an argument that does not accept NULL values.
ArgumentOutOfRangeException	The protocol server encounters an argument with a value outside the range of permissible values while performing implementation-specific operations.
SecureStoreServiceFault	The protocol server encounters a server-side error caused by a violation of constraints on **SSS store** while performing implementation-specific operations.
SecureStoreServiceTargetApplicationNotFoundFault	The **target application** identified by the applicationId parameter does not exist in the specified **SSS partition**.

The following table summarizes the list of operations as defined by this specification.

Operation	Description
ChangeMasterSecretKey	This operation is used to change the **master secret key**.
CreateApplication	This operation is used to create a new target application in the specified SSS partition.
CreateConnectionSettings	This operation is used to create a new connection settings object in the specified SSS partition.<15>

Operation	Description
DeleteAllUserCredentials	This operation is used to delete the **credentials** of an **SSS user** for all the **individual target applications** in the specified SSS partition.
DeleteApplication	This operation is used to delete the specified target application in the SSS partition. The caller MUST be an administrator of the specified target application.
DeleteConnectionSettings	This operation is used to delete an existing connection settings object from the specified SSS partition.<16>
DeleteCredentials	This operation is used to delete all the credentials of the caller for the specified individual target application in the specified SSS partition.
DeleteUserCredentials	This operation is used to delete all the credentials for an SSS user for the specified individual target application in the specified SSS partition. The caller MUST be an administrator of the specified target application.
GetAllConnectionSettings	This operation is used to fetch all the connection settings object, of the specified type, in the specified SSS partition.<17>
GetApplication	This operation is used to retrieve target application for the specified target application name in the specified SSS partition. The caller MUST be an administrator of the specified target application.
GetApplicationAdministratorClaims	This operation is used to retrieve the set of **claims (2)** that represent the group of SSS users that are administrators for the specified target application in the specified SSS partition. The caller MUST be an administrator of the specified target application.
GetApplicationClaims	This operation is used to retrieve the set of claims (2) that represent the SSS users that are administrators, group members and SSS users that can redeem an **SSS ticket** for the specified target application in the specified SSS partition. The caller MUST be an administrator of the specified target application. Upon successful execution, this protocol server MUST return three collections. The first collection MUST contain the claims (2) that represent the group of SSS users who are administrators of the specified target application. The second collection MUST contain the claims (2) of the members of the group target application if the specified target application is a **group target application**. If the specified target application is not a group target application, the collection MUST have zero items. The third collection MUST contain the claims (2) of who can redeem an SSS ticket for the specified target application. If the target application type is not IndividualWithTicketing or GroupWithTicketing, the collection MUST have zero items.
GetApplicationFields	This operation is used to retrieve all the **target application fields** for the specified target application in the SSS partition. The caller MUST be an administrator of the specified target application.
GetApplicationGroupClaims	This operation is used to retrieve the set of claims (2) that represent the group of SSS users that are group members for a specified group target application in the specified SSS partition. If the specified target application is not a group target application the set MUST have 0 items. The caller MUST be an administrator of the specified target application.
GetApplications	This operation is used to retrieve a list of all the target applications in

Operation	Description
	the specified SSS partition where the caller is an administrator of the target applications. If the caller has implementation specific authorization to retrieve all the target applications in the specified SSS partition then all the target applications in the specified SSS partition are returned.
GetApplicationTicketRedeemerClaims	This operation is used to retrieve the set of claims (2) that represent the group of SSS users that can redeem an SSS ticket for a specified target application in the specified SSS partition. If the target application type is not IndividualWithTicketing or GroupWithTicketing, the set MUST have 0 items. The caller MUST be an administrator of the specified target application.
GetChangeMasterSecretKeyToken	This operation is used to retrieve an implementation-specific string used as a token for changing the master secret key.
GetChildConnectionSettings	This operation is used to fetch the connection settings object of the specified parent name in the specified SSS partition.<18>
GetConnectionSettings	This operation is used to fetch the connection settings object for the specified name in the specified SSS partition.<19> The credentials to connect to the target application and its proxy are also retrieved if the parameter to include them is specified.
GetCredentials	This operation is used to retrieve the credentials of the caller for the specified target application in the specified SSS partition, when the type of the specified target application is not RestrictedIndividual or RestrictedGroup.
GetRestrictedCredentials	This operation is used to retrieve the credentials of the caller for the specified target application in the specified SSS partition, when the type of the specified target application is either **RestrictedIndividual** or **RestrictedGroup.**
GetSystemApplications	This operation is used to retrieve the information for all the target applications that can be accessed by the caller in the specified SSS partition. The target applications that can be accessed by the caller MUST include all the group target applications in the specified SSS partition where the caller is a member of the group target application and all the individual target applications in the specified SSS partition.
GetUserApplication	This operation is used to retrieve target application for the specified target application name that can be accessed by the caller in the specified SSS partition. To retrieve a target application, the specified target application MUST be an individual target application; or if the target application is a group target application, the caller MUST be a member of the group target application.
GetUserApplicationFields	This operation is used to retrieve all the target application fields for the specified target application name that can be accessed by the caller in the SSS partition. To retrieve the target application fields the specified target application MUST be an individual target application or if the target application is a group target application, the caller MUST be a member of the group target application.
GetUserApplications	This operation is used to retrieve the information for all the target applications that can be accessed by the caller in the specified SSS partition. The target applications that can be accessed by the caller MUST include all the group target applications in the specified SSS

Operation	Description
	partition where the caller is a member of the group target application and all the individual target applications in the specified SSS partition.
IsMasterSecretKeyPopulated	This operation is used to determine whether the master secret key exists in the SSS store.
IssueTicket	This operation is used to issue a SSS ticket to represent the calling SSS user in the specified SSS partition. The issued SSS ticket is then stored in the SSS store to be redeemed at a later time by another SSS user with a RedeemTicket request, as specified in section 3.1.4.22, to retrieve the credentials associated with the original SSS user represented by the SSS ticket.
RedeemTicket	This operation is used to redeem a SSS ticket issued by a previous IssueTicket request, as specified in section 3.1.4.21, to retrieve the set of credentials associated with the SSS user represented by the specified SSS ticket for the specified target application in the specified SSS partition from the SSS store.
SetChangeKeyPassphrase	This operation is used to store the specified byte array used to perform implementation-specific encryption on the master secret key on the protocol server.
SetCredentials	This operation is used to set credentials for the caller for the specified individual target application in the specified SSS partition.
SetGroupCredentials	This operation is used to set credentials for the specified group target application in the specified SSS partition. The caller MUST be an administrator of the specified group target application.
SetMasterSecretKey	This operation is used to retrieve the encrypted master secret key from the SSS store and decrypt using the specified passphrase hash as the key using an implementation specific algorithm. The plain text master secret key is maintained locally by the protocol server for encrypting and decrypting credentials.
SetUserCredentials	This operation is used to set the credentials for an SSS user for the specified individual target application in the SSS partition. The caller MUST be an administrator of the specified individual target application.
UpdateApplication	This operation is used to update the specified target application in the SSS partition. The caller MUST be an administrator of the specified target application.
UpdateConnectionSettings	This operation is used to update an existing connection settings object in the specified SSS partition.<20>

3.1.4.1 ChangeMasterSecretKey

This operation is used to change the **master secret key**.

The following is the **WSDL** port type specification of the **ChangeMasterSecretKey WSDL operation**.

```
<wsdl:operation name="ChangeMasterSecretKey" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
```

```
erviceApplication/ChangeMasterSecretKey"
message="tns:ISecureStoreServiceApplication ChangeMasterSecretKey InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_ChangeMasterSecretKey_InputMessage request message
and the protocol server MUST NOT respond with any message.

- The protocol server MUST ignore this request if the specified **token** is not valid or the caller fails an implementation specific authorization check for changing the master secret key.

- If the master secret key does not exist, the protocol server MUST randomly generate a master secret key and perform implementation-specific encryption on it using the given byte array and store the encrypted master secret key in the **SSS store**.

- If the master secret key exists, the protocol server MUST randomly generate a new master secret key and perform implementation-specific encryption on it using the given byte array and store the encrypted master secret key in the SSS store. Then, the protocol server MUST also re-encrypt all the credentials stored in the SSS store using the generated master secret key.

3.1.4.1.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_ChangeMasterSecretKey_InputMessage	The request WSDL message for the **ChangeMasterSecretKey WSDL operation**.

3.1.4.1.1.1   ISecureStoreServiceApplication_ChangeMasterSecretKey_InputMessage

The request **WSDL message** for the **ChangeMasterSecretKey WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/ChangeMasterSecretKey
```

The **SOAP body** contains the **ChangeMasterSecretKey** element.

3.1.4.1.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
ChangeMasterSecretKey	The input data for the **ChangeMasterSecretKey WSDL operation**.

3.1.4.1.2.1   ChangeMasterSecretKey

The **ChangeMasterSecretKey** element specifies the input data for the **ChangeMasterSecretKey WSDL operation**.

```
<xs:element name="ChangeMasterSecretKey" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="token" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="passPhraseHash" nillable="true"
type="xs:base64Binary"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

token: A string that will be used by the protocol server to determine whether this operation is allowed. This string is retrieved by the operation described in section 3.1.4.14.

passPhraseHash: A byte array, derived from an implementation specific hash of an administrator supplied passphrase, used as an encryption key to encrypt the **master secret key** using an implementation specific algorithm. It MUST be 32 bytes in length.

3.1.4.1.3 Complex Types

None.

3.1.4.1.4 Simple Types

None.

3.1.4.1.5 Attributes

None.

3.1.4.1.6 Groups

None.

3.1.4.1.7 Attribute Groups

None.

3.1.4.2 CreateApplication

This operation is used to create a new **target application** in the specified **SSS partition**.

The following is the **WSDL** port type specification of the **CreateApplication WSDL operation**.

```
<wsdl:operation name="CreateApplication" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplication"
message="tns:ISecureStoreServiceApplication_CreateApplication_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationResponse"
message="tns:ISecureStoreServiceApplication_CreateApplication_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
```

```
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_CreateApplication_ArgumentExceptionFault_FaultMes
sage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_CreateApplication_ArgumentNullExceptionFault_Faul
tMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationArgumentOutOfRangeExceptionFault"
name="ArgumentOutOfRangeExceptionFault"
message="tns:ISecureStoreServiceApplication_CreateApplication_ArgumentOutOfRangeExceptionFaul
t FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_CreateApplication_SecureStoreServiceFaultFault_Fa
ultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  </wsdl:operation>
```

The protocol client sends an **ISecureStoreServiceApplication_CreateApplication_InputMessage** request message and the protocol server MUST respond with an **ISecureStoreServiceApplication_CreateApplication_OutputMessage** response message.

When a target application is created, the protocol client MUST specify **claims** for target application administrators. If the target application type is **Group**, the protocol client MUST specify the **groupClaims** member of the *applicationClaims* parameter. If the target application type is **IndividualWithTicketing** or **GroupWithTicketing**, the protocol client MUST specify the **ticketRedeemerClaims** member of the *applicationClaims* parameter.

If any one of the conditions in the following table is met, the protocol server MUST respond with a **SOAP fault** containing the corresponding error complex type, serialized as specified in section 2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The **administratorClaims** member in the specified *applicationClaims* parameter is NULL or empty.
ArgumentException	The target application is **group target application**, but the **groupClaims** member in the specified *applicationClaims* parameter is NULL or empty.
ArgumentException	The target application type is IndividualWithTicketing or GroupWithTicketing, but the **ticketRedeemerClaims** member in the specified *applicationClaims* parameter is NULL or empty.
ArgumentException	The **contactEmail** member of the *application* parameter is not a valid email address, as determined using implementation-specific checks, or its length is greater than 128.
ArgumentException	The **applicationId** member of the *application* parameter has a length equal to 0 or greater than 256.
ArgumentException	The **friendlyName** member of the *application*

Error Complex Type	Condition
	parameter has a length equal to zero or greater than 256.
ArgumentException	The **type** member of the *application* parameter is not a valid TargetApplicationType.
ArgumentException	The **credentialManagementUrl** member of the *application* parameter is not a valid **URL** or its length is greater than 2084.
ArgumentOutOfRangeException	The number of **target application fields** in the specified *applicationFields* parameter is zero or greater than 10.
ArgumentOutOfRangeException	The target application type is IndividualWithTicketing or GroupWithTicketing, but the **ticketTimeout** member of *application* parameter is 0 or greater than 525600.<21>
SecureStoreServiceFault	The caller failed an implementation-specific authorization check for creating the target application.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceFault	An implementation-specific validation of *rawPartitionId* failed.
SecureStoreServiceFault	The specified target application already exists.

3.1.4.2.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_CreateApplication_InputMessage	The request WSDL message for the **CreateApplication WSDL operation**.
ISecureStoreServiceApplication_CreateApplication_OutputMessage	The response WSDL message for the **CreateApplication** WSDL operation.

3.1.4.2.1.1   ISecureStoreServiceApplication_CreateApplication_InputMessage

The request **WSDL message** for the **CreateApplication WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/CreateApplication
```

The **SOAP body** contains the **CreateApplication** element.

3.1.4.2.1.2   ISecureStoreServiceApplication_CreateApplication_OutputMessage

The response **WSDL message** for the **CreateApplication WSDL operation**.

The **SOAP body** contains the **CreateApplicationResponse** element.

3.1.4.2.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
CreateApplication	The input data for the **CreateApplication WSDL operation**.
CreateApplicationResponse	The result data for the **CreateApplication** WSDL operation.

3.1.4.2.2.1   CreateApplication

The **CreateApplication** element specifies the input data for the **CreateApplication WSDL operation**.

```
<xs:element name="CreateApplication" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="application" nillable="true" type="q1:TargetApplication"/>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="applicationFields" nillable="true"
type="q1:ArrayOfTargetApplicationField"/>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="applicationClaims" nillable="true" type="q1:TargetApplicationClaims"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application** is to be created.

application: The target application to be created.

applicationFields: List of the **target application fields** for the target application.

applicationClaims: **claims** for the target application.

3.1.4.2.2.2   CreateApplicationResponse

The **CreateApplicationResponse** element specifies the result data for the **CreateApplication WSDL operation**.

```
<xs:element name="CreateApplicationResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
```

```
        </xs:element>
```

3.1.4.2.3 Complex Types

None.

3.1.4.2.4 Simple Types

None.

3.1.4.2.5 Attributes

None.

3.1.4.2.6 Groups

None.

3.1.4.2.7 Attribute Groups

None.

3.1.4.3 DeleteAllUserCredentials

This operation is used to delete the **credentials** of an **SSS user** for all the **individual target applications** in the specified **SSS partition**.

The following is the **WSDL** port type specification of the **DeleteAllUserCredentials WSDL operation**.

```
<wsdl:operation name="DeleteAllUserCredentials"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteAllUserCredentials"
message="tns:ISecureStoreServiceApplication_DeleteAllUserCredentials_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteAllUserCredentialsResponse"
message="tns:ISecureStoreServiceApplication_DeleteAllUserCredentials_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteAllUserCredentialsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteAllUserCredentials_ArgumentExceptionFault_F
aultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteAllUserCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteAllUserCredentials_ArgumentNullExceptionFau
lt_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteAllUserCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteAllUserCredentials_SecureStoreServiceFaultF
ault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
```

```
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_DeleteAllUserCredentials_InputMessage request message
and the protocol server responds with an
ISecureStoreServiceApplication_DeleteAllUserCredentials_OutputMessage response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with one
exact error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
SecureStoreServiceFault	The caller failed an implementation specific authorization check for deleting an SSS user's credentials for all the individual target applications.
SecureStoreServiceFault	An implementation specific validation of *rawPartitionId* failed.
SecureStoreServiceFault	There are no credentials found for the SSS user specified by **claim (2)** parameter in the specified SSS partition.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.

3.1.4.3.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this
operation.

Message	Description
ISecureStoreServiceApplication_DeleteAllUserCredentials_InputMessage	The request WSDL message for the **DeleteAllUserCredentials WSDL operation**.
ISecureStoreServiceApplication_DeleteAllUserCredentials_OutputMessage	The response WSDL message for the **DeleteAllUserCredentials** WSDL operation.

3.1.4.3.1.1   ISecureStoreServiceApplication_DeleteAllUserCredentials_InputMessage

The request **WSDL message** for the **DeleteAllUserCredentials WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/DeleteAllUserCredentials
```

The **SOAP body** contains the **DeleteAllUserCredentials** element.

3.1.4.3.1.2   ISecureStoreServiceApplication_DeleteAllUserCredentials_OutputMessage

The response **WSDL message** for the **DeleteAllUserCredentials WSDL operation**.

The **SOAP body** contains the **DeleteAllUserCredentialsResponse** element.

3.1.4.3.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
DeleteAllUserCredentials	The input data for the **DeleteAllUserCredentials WSDL operation**.
DeleteAllUserCredentialsResponse	The result data for the **DeleteAllUserCredentials** WSDL operation.

3.1.4.3.2.1   DeleteAllUserCredentials

The **DeleteAllUserCredentials** element specifies the input data for the **DeleteAllUserCredentials WSDL operation**.

```
<xs:element name="DeleteAllUserCredentials" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="claim" nillable="true" type="q1:SecureStoreServiceClaim"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition**.

claim: The identity **claim (2)** for the **SSS user** whose **credentials** are to be deleted from all the **target applications** in the specified SSS partition.

3.1.4.3.2.2   DeleteAllUserCredentialsResponse

The **DeleteAllUserCredentialsResponse** element specifies the result data for the **DeleteAllUserCredentials WSDL operation**.

```
<xs:element name="DeleteAllUserCredentialsResponse"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
```

3.1.4.3.3 Complex Types

None.

3.1.4.3.4 Simple Types

None.

3.1.4.3.5 Attributes

None.

3.1.4.3.6 Groups

None.

3.1.4.3.7 Attribute Groups

None.

3.1.4.4 DeleteApplication

This operation is used to delete the specified **target application** in the **SSS partition**. The caller MUST be an administrator of the specified target application.

The following is the **WSDL** port type specification of the **DeleteApplication WSDL operation**.

```
<wsdl:operation name="DeleteApplication" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplication"
message="tns:ISecureStoreServiceApplication_DeleteApplication_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplicationResponse"
message="tns:ISecureStoreServiceApplication_DeleteApplication_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteApplication_ArgumentExceptionFault_FaultMes
sage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplicationArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteApplication_ArgumentNullExceptionFault_Faul
tMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteApplication_SecureStoreServiceFaultFault_Fa
ultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplicationSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteApplication_SecureStoreServiceTargetApplica
tionNotFoundFaultFault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **ISecureStoreServiceApplication_DeleteApplication_InputMessage** request message and the protocol server MUST respond with an **ISecureStoreServiceApplication_DeleteApplication_OutputMessage** response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a **SOAP fault** containing the corresponding error complex type, serialized as specified in section 2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the *applicationId* parameter is 0 or greater than 256.
SecureStoreServiceFault	The caller is not an administrator of the specified target application.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceFault	An implementation specific validation of *rawPartitionId* failed.
SecureStoreServiceTargetApplicationNotFoundFault	The target application identified by the *applicationId* parameter does not exist in the specified SSS partition.

3.1.4.4.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_DeleteApplication_InputMessage	The request WSDL message for the **DeleteApplication WSDL operation**.
ISecureStoreServiceApplication_DeleteApplication_OutputMessage	The response WSDL message for the **DeleteApplication** WSDL operation.

3.1.4.4.1.1 ISecureStoreServiceApplication_DeleteApplication_InputMessage

The request **WSDL message** for the **DeleteApplication WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/DeleteApplication
```

The **SOAP body** contains the **DeleteApplication** element.

3.1.4.4.1.2 ISecureStoreServiceApplication_DeleteApplication_OutputMessage

The response **WSDL message** for the **DeleteApplication WSDL operation**.

The **SOAP body** contains the **DeleteApplicationResponse** element.

3.1.4.4.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
DeleteApplication	The input data for the **DeleteApplication WSDL operation**.
DeleteApplicationResponse	The result data for the **DeleteApplication** WSDL operation.

3.1.4.4.2.1 DeleteApplication

The **DeleteApplication** element specifies the input data for the **DeleteApplication WSDL operation**.

```
<xs:element name="DeleteApplication" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application** to be deleted.

applicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

3.1.4.4.2.2 DeleteApplicationResponse

The **DeleteApplicationResponse** element specifies the result data for the **DeleteApplication WSDL operation**.

```
<xs:element name="DeleteApplicationResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
```

3.1.4.4.3 Complex Types

None.

3.1.4.4.4 Simple Types

None.

3.1.4.4.5 Attributes

None.

3.1.4.4.6 Groups

None.

3.1.4.4.7 Attribute Groups

None.

3.1.4.5 DeleteCredentials

This operation is used to delete all the **credentials** of the caller for the specified **individual target application** in the specified **SSS partition**.

The following is the **WSDL** port type specification of the **DeleteCredentials WSDL operation**.

```
<wsdl:operation name="DeleteCredentials" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentials"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsResponse"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_ArgumentExceptionFault_FaultMes
sage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_ArgumentNullExceptionFault_Faul
tMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_SecureStoreServiceCredentialsNo
tFoundFaultFault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_SecureStoreServiceFaultFault_Fa
ultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_SecureStoreServiceTargetApplica
tionNotFoundFaultFault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **ISecureStoreServiceApplication_DeleteCredentials_InputMessage** request message and the protocol server responds with an **ISecureStoreServiceApplication_DeleteCredentials_OutputMessage** response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a **SOAP fault** containing the corresponding error complex type, serialized as specified in section

2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of specified *applicationId* parameter is 0 or greater than 256.
SecureStoreServiceFault	The specified *rawPartitionId* parameter is NULL or an implementation specific validation of *rawPartitionId* failed.
SecureStoreServiceCredentialsNotFoundFault	There are no credentials found for the caller in the **SSS store** for the specified **target application**.
SecureStoreServiceTargetApplicationNotFoundFault	The target application identified by the specified *applicationId* parameter is a **group target application**.
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the *applicationId* parameter cannot be found in the SSS store.

3.1.4.5.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_DeleteCredentials_InputMessage	The request WSDL message for the **DeleteCredentials WSDL operation**.
ISecureStoreServiceApplication_DeleteCredentials_OutputMessage	The response WSDL message for the **DeleteCredentials** WSDL operation.

3.1.4.5.1.1   ISecureStoreServiceApplication_DeleteCredentials_InputMessage

The request **WSDL message** for the **DeleteCredentials WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/DeleteCredentials
```

The **SOAP body** contains the **DeleteCredentials** element.

3.1.4.5.1.2   ISecureStoreServiceApplication_DeleteCredentials_OutputMessage

The response **WSDL message** for the **DeleteCredentials WSDL operation**.

The **SOAP body** contains the **DeleteCredentialsResponse** element.

3.1.4.5.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
DeleteCredentials	The input data for the **DeleteCredentials WSDL operation**.
DeleteCredentialsResponse	The result data for the **DeleteCredentials** WSDL operation.

3.1.4.5.2.1   DeleteCredentials

The **DeleteCredentials** element specifies the input data for the **DeleteCredentials WSDL operation**.

```
<xs:element name="DeleteCredentials" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application**.

applicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

3.1.4.5.2.2   DeleteCredentialsResponse

The **DeleteCredentialsResponse** element specifies the result data for the **DeleteCredentials WSDL operation**.

```
<xs:element name="DeleteCredentialsResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
```

3.1.4.5.3 Complex Types

None.

3.1.4.5.4 Simple Types

None.

3.1.4.5.5 Attributes

None.

3.1.4.5.6 Groups

None.

3.1.4.5.7 Attribute Groups

None.

3.1.4.6 DeleteUserCredentials

This operation is used to delete all the **credentials** for an **SSS user** for the specified **individual target application** in the specified **SSS partition**. The caller MUST be an administrator of the specified **target application**.

The following is the **WSDL** port type specification of the **DeleteUserCredentials WSDL operation**.

```
<wsdl:operation name="DeleteUserCredentials" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentials"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsResponse"
message="tns:ISecureStoreServiceApplication DeleteUserCredentials OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_ArgumentExceptionFault_Faul
tMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_ArgumentNullExceptionFault_
FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication DeleteUserCredentials SecureStoreServiceCredentia
lsNotFoundFaultFault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication DeleteUserCredentials SecureStoreServiceFaultFaul
t_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication DeleteUserCredentials SecureStoreServiceTargetApp
licationNotFoundFaultFault_FaultMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_DeleteUserCredentials_InputMessage request message and
the protocol server responds with an
ISecureStoreServiceApplication_DeleteUserCredentials_OutputMessage response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of specified *applicationId* parameter is 0 or greater than 256.
SecureStoreServiceFault	The caller is not an administrator of the specified target application.
SecureStoreServiceFault	An implementation specific validation of *rawPartitionId* failed.
SecureStoreServiceCredentialsNotFoundFault	The target application identified by the specified *applicationId* parameter is a **group target application**.
SecureStoreServiceCredentialsNotFoundFault	There are no credentials found for the SSS user specified by **claim (2)** parameter in the **SSS store** for the specified target application.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the *applicationId* parameter cannot be found in the SSS store.

3.1.4.6.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_DeleteUserCredentials_InputMessage	The request WSDL message for the **DeleteUserCredentials WSDL operation**.
ISecureStoreServiceApplication_DeleteUserCredentials_OutputMessage	The response WSDL message for the **DeleteUserCredentials** WSDL operation.

3.1.4.6.1.1 ISecureStoreServiceApplication_DeleteUserCredentials_InputMessage

The request **WSDL message** for the **DeleteUserCredentials WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/DeleteUserCredentials
```

The **SOAP body** contains the **DeleteUserCredentials** element.

3.1.4.6.1.2 ISecureStoreServiceApplication_DeleteUserCredentials_OutputMessage

The response **WSDL message** for the **DeleteUserCredentials WSDL operation**.

The **SOAP body** contains the **DeleteUserCredentialsResponse** element.

3.1.4.6.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
DeleteUserCredentials	The input data for the **DeleteUserCredentials WSDL operation**.
DeleteUserCredentialsResponse	The result data for the **DeleteUserCredentials** WSDL operation.

3.1.4.6.2.1   DeleteUserCredentials

The **DeleteUserCredentials** element specifies the input data for the **DeleteUserCredentials WSDL operation**.

```
<xs:element name="DeleteUserCredentials" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="claim" nillable="true" type="q1:SecureStoreServiceClaim"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application**.

applicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

claim: The identity **claim (2)** for the **SSS user** whose **credentials** are to be deleted.

3.1.4.6.2.2   DeleteUserCredentialsResponse

The **DeleteUserCredentialsResponse** element specifies the result data for the **DeleteUserCredentials WSDL operation**.

```
<xs:element name="DeleteUserCredentialsResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
```

3.1.4.6.3 Complex Types

None.

3.1.4.6.4 Simple Types

None.

3.1.4.6.5 Attributes

None.

3.1.4.6.6 Groups

None.

3.1.4.6.7 Attribute Groups

None.

3.1.4.7 GetApplication

This operation is used to retrieve **target application** for the specified target application name in the specified **SSS partition**. The caller MUST be an administrator of the specified target application.

The following is the **WSDL** port type specification of the **GetApplication WSDL operation**.

```
<wsdl:operation name="GetApplication" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplication"
message="tns:ISecureStoreServiceApplication_GetApplication_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationResponse"
message="tns:ISecureStoreServiceApplication_GetApplication_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplication_ArgumentExceptionFault_FaultMessag
e" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationArgumentNullExceptionFault" name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplication_ArgumentNullExceptionFault_FaultMe
ssage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplication_SecureStoreServiceFaultFault_Fault
Message" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplication_SecureStoreServiceTargetApplicatio
nNotFoundFaultFault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **ISecureStoreServiceApplication_GetApplication_InputMessage** request message and the protocol server MUST respond with an **ISecureStoreServiceApplication_GetApplication_OutputMessage** response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a **SOAP fault** containing the corresponding error complex type, serialized as specified in section 2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the *applicationId* parameter is 0 or greater than 256.
SecureStoreServiceFault	The caller is not an administrator of the specified target application.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceFault	An implementation specific validation of *rawPartitionId* failed.
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the *applicationId* parameter cannot be found in the **SSS store**.

3.1.4.7.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_GetApplication_InputMessage	The request WSDL message for the **GetApplication WSDL operation**.
ISecureStoreServiceApplication_GetApplication_OutputMessage	The response WSDL message for the **GetApplication** WSDL operation.

3.1.4.7.1.1   ISecureStoreServiceApplication_GetApplication_InputMessage

The request **WSDL message** for the **GetApplication WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/GetApplication
```

The **SOAP body** contains the **GetApplication** element.

3.1.4.7.1.2   ISecureStoreServiceApplication_GetApplication_OutputMessage

The response **WSDL message** for the **GetApplication WSDL operation**.

The **SOAP body** contains the **GetApplicationResponse** element.

3.1.4.7.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
GetApplication	The input data for the **GetApplication WSDL operation**.
GetApplicationResponse	The result data for the **GetApplication** WSDL operation.

3.1.4.7.2.1   GetApplication

The **GetApplication** element specifies the input data for the **GetApplication WSDL operation**.

```
<xs:element name="GetApplication" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application**.

applicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

3.1.4.7.2.2   GetApplicationResponse

The **GetApplicationResponse** element specifies the result data for the **GetApplication WSDL operation**.

```
<xs:element name="GetApplicationResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetApplicationResult" nillable="true" type="q1:TargetApplication"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

GetApplicationResult: **target application** information for specified **applicationId** parameter in the specified **SSS partition**.

3.1.4.7.3 Complex Types

None.

3.1.4.7.4 Simple Types

None.

3.1.4.7.5 Attributes

None.

3.1.4.7.6 Groups

None.

3.1.4.7.7 Attribute Groups

None.

3.1.4.8 GetApplicationAdministratorClaims

This operation is used to retrieve the set of **claims (2)** that represent the group of **SSS users** that are administrators for the specified **target application** in the specified **SSS partition**. The caller MUST be an administrator of the specified target application.

The following is the **WSDL** port type specification of the **GetApplicationAdministratorClaims WSDL operation**.

```
<wsdl:operation name="GetApplicationAdministratorClaims"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaims"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaimsResponse"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaimsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_ArgumentExcepti
onFault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaimsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_ArgumentNullExc
eptionFault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaimsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_SecureStoreServ
iceFaultFault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaimsSecureStoreServiceTargetApplicationNotFoun
dFaultFault" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_SecureStoreServ
iceTargetApplicationNotFoundFaultFault_FaultMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **ISecureStoreServiceApplication_GetApplicationAdministratorClaims_InputMessage** request message and the protocol server responds with an **ISecureStoreServiceApplication_GetApplicationAdministratorClaims_OutputMessage** response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a **SOAP fault** containing the corresponding error complex type, serialized as specified in section

2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the specified *applicationId* parameter is 0 or greater than 256.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceFault	An implementation specific validation of *rawPartitionId* failed.
SecureStoreServiceFault	The caller is not an administrator of the specified target application.

3.1.4.8.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_GetApplicationAdministratorClaims_InputMessage	The request WSDL message for the **GetApplicationAdministratorClaims WSDL operation**.
ISecureStoreServiceApplication_GetApplicationAdministratorClaims_OutputMessage	The response WSDL message for the **GetApplicationAdministratorClaims** WSDL operation.

3.1.4.8.1.1 ISecureStoreServiceApplication_GetApplicationAdministratorClaims_InputMessage

The request **WSDL message** for the **GetApplicationAdministratorClaims WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplication/GetApplicationAdministratorClaims
```

The **SOAP body** contains the **GetApplicationAdministratorClaims** element.

3.1.4.8.1.2 ISecureStoreServiceApplication_GetApplicationAdministratorClaims_OutputMessage

The response **WSDL message** for the **GetApplicationAdministratorClaims WSDL operation**.

The **SOAP body** contains the **GetApplicationAdministratorClaimsResponse** element.

3.1.4.8.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
GetApplicationAdministratorClaims	The input data for the **GetApplicationAdministratorClaims WSDL operation**.
GetApplicationAdministratorClaimsResponse	The result data for the **GetApplicationAdministratorClaims** WSDL operation.

3.1.4.8.2.1 GetApplicationAdministratorClaims

The **GetApplicationAdministratorClaims** element specifies the input data for the **GetApplicationAdministratorClaims WSDL operation**.

```
<xs:element name="GetApplicationAdministratorClaims"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application**.

applicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

3.1.4.8.2.2 GetApplicationAdministratorClaimsResponse

The **GetApplicationAdministratorClaimsResponse** element specifies the result data for the **GetApplicationAdministratorClaims WSDL operation**.

```
<xs:element name="GetApplicationAdministratorClaimsResponse"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetApplicationAdministratorClaimsResult" nillable="true"
type="q1:ArrayOfSecureStoreServiceClaim"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

GetApplicationAdministratorClaimsResult: the element contains **claims** of administrators of the specified **target application** on the specified **SSS partition**. If the **target application** for the specified **applicationId** does not exist on the specified **SSS partition**, the result contains 0 items.

3.1.4.8.3 Complex Types

None.

3.1.4.8.4 Simple Types

None.

3.1.4.8.5 Attributes

None.

3.1.4.8.6 Groups

None.

3.1.4.8.7 Attribute Groups

None.

3.1.4.9 GetApplicationClaims

This operation is used to retrieve the set of **claims (2)** that represent the **SSS users** that are administrators, group members and SSS users that can redeem an **SSS ticket** for the specified **target application** in the specified **SSS partition**. The caller MUST be an administrator of the specified target application.

Upon successful execution, this protocol server MUST return three collections.

The first collection MUST contain the claims (2) that represent the group of SSS users who are administrators of the specified target application.

The second collection MUST contain the claims (2) of the members of the group target application if the specified target application is a **group target application**. If the specified target application is not a group target application, the collection MUST have zero items.

The third collection MUST contain the claims (2) of who can redeem an SSS ticket for the specified target application. If the target application type is not IndividualWithTicketing or GroupWithTicketing, the collection MUST have zero items.

The following is the **WSDL** port type specification of the **GetApplicationClaims WSDL operation**.

```
<wsdl:operation name="GetApplicationClaims" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaims"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsResponse"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_ArgumentExceptionFault_Fault
Message" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_ArgumentNullExceptionFault_F
aultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
```

```
erviceApplication/GetApplicationClaimsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_SecureStoreServiceFaultFault
 FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
   <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_SecureStoreServiceTargetAppl
icationNotFoundFaultFault FaultMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_GetApplicationClaims_InputMessage request message and
the protocol server responds with an
ISecureStoreServiceApplication_GetApplicationClaims_OutputMessage response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the specified **applicationId** parameter is 0 or greater than 256.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceFault	The specified **rawPartitionId** parameter is NULL or an implementation-specific validation of **rawPartitionId** failed.
SecureStoreServiceFault	The caller is not an administrator of the specified target application.
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the **applicationId** parameter cannot be found in the **SSS store**.
ArgumentNullException	The specified **applicationId** parameter is NULL.

3.1.4.9.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this
operation.

Message	Description
ISecureStoreServiceApplication_GetApplicationClaims_InputMessage	The request WSDL message for the **GetApplicationClaims WSDL operation**.
ISecureStoreServiceApplication_GetApplicationClaims_OutputMessage	The response WSDL message for the **GetApplicationClaims** WSDL operation.

3.1.4.9.1.1 ISecureStoreServiceApplication_GetApplicationClaims_InputMessage

The request **WSDL message** for the **GetApplicationClaims WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/GetApplicationClaims
```

The **SOAP body** contains the **GetApplicationClaims** element.

3.1.4.9.1.2 ISecureStoreServiceApplication_GetApplicationClaims_OutputMessage

The response **WSDL message** for the **GetApplicationClaims WSDL operation**.

The **SOAP body** contains the **GetApplicationClaimsResponse** element.

3.1.4.9.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
GetApplicationClaims	The input data for the **GetApplicationClaims WSDL operation**.
GetApplicationClaimsResponse	The result data for the **GetApplicationClaims** WSDL operation.

3.1.4.9.2.1 GetApplicationClaims

The **GetApplicationClaims** element specifies the input data for the **GetApplicationClaims WSDL operation**.

```
<xs:element name="GetApplicationClaims" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application**.

applicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

3.1.4.9.2.2 GetApplicationClaimsResponse

The **GetApplicationClaimsResponse** element specifies the result data for the **GetApplicationClaims WSDL operation**.

```
<xs:element name="GetApplicationClaimsResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
```

```
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetApplicationClaimsResult" nillable="true"
type="q1:TargetApplicationClaims"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

GetApplicationClaimsResult: A set of **claims (2)** that represent the **SSS users** that are administrators, group members, or SSS users that can redeem an **SSS ticket** for the specified **target application** in the specified **SSS partition**.

3.1.4.9.3 Complex Types

None.

3.1.4.9.4 Simple Types

None.

3.1.4.9.5 Attributes

None.

3.1.4.9.6 Groups

None.

3.1.4.9.7 Attribute Groups

None.

3.1.4.10   GetApplicationFields

This operation is used to retrieve all the **target application fields** for the specified **target application** in the **SSS partition**. The caller MUST be an administrator of the specified target application.

The following is the **WSDL** port type specification of the **GetApplicationFields WSDL operation**.

```
<wsdl:operation name="GetApplicationFields" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFields"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsResponse"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_ArgumentExceptionFault_Fault
Message" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
```

```
message="tns:ISecureStoreServiceApplication_GetApplicationFields_ArgumentNullExceptionFault_F
aultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_SecureStoreServiceFaultFault
 FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_SecureStoreServiceTargetAppl
icationNotFoundFaultFault FaultMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_GetApplicationFields_InputMessage request message and the
protocol server MUST respond with an
ISecureStoreServiceApplication_GetApplicationFields_OutputMessage response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the specified *applicationId* parameter is less than 1 or greater than 256.
ArgumentNullException	While performing implementation-specific operations, the protocol server encounters a NULL value for an argument that does not accept NULL values.
SecureStoreServiceFault	The caller is not an administrator of the specified target application.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceFault	An implementation specific validation of *rawPartitionId* failed.
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the *applicationId* parameter cannot be found in the **SSS store**.

3.1.4.10.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this
operation.

Message	Description
ISecureStoreServiceApplication_GetApplicationFields_InputMessage	The request WSDL message for the **GetApplicationFields WSDL operation**.
ISecureStoreServiceApplication_GetApplicationFields_OutputMessage	The response WSDL message for

Message	Description
	the **GetApplicationFields** WSDL operation.

3.1.4.10.1.1 ISecureStoreServiceApplication_GetApplicationFields_InputMessage

The request **WSDL message** for the **GetApplicationFields WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/GetApplicationFields
```

The **SOAP body** contains the **GetApplicationFields** element.

3.1.4.10.1.2 ISecureStoreServiceApplication_GetApplicationFields_OutputMessage

The response **WSDL message** for the **GetApplicationFields WSDL operation**.

The **SOAP body** contains the **GetApplicationFieldsResponse** element.

3.1.4.10.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
GetApplicationFields	The input data for the **GetApplicationFields WSDL operation**.
GetApplicationFieldsResponse	The result data for the **GetApplicationFields** WSDL operation.

3.1.4.10.2.1 GetApplicationFields

The **GetApplicationFields** element specifies the input data for the **GetApplicationFields WSDL operation**.

```
<xs:element name="GetApplicationFields" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application**.

applicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

3.1.4.10.2.2 GetApplicationFieldsResponse

The **GetApplicationFieldsResponse** element specifies the result data for the **GetApplicationFields WSDL operation**.

```
<xs:element name="GetApplicationFieldsResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetApplicationFieldsResult" nillable="true"
type="q1:ArrayOfTargetApplicationField"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

GetApplicationFieldsResult: The list of **target application fields** for the specified **target application**.

3.1.4.10.3   Complex Types

None.

3.1.4.10.4   Simple Types

None.

3.1.4.10.5   Attributes

None.

3.1.4.10.6   Groups

None.

3.1.4.10.7   Attribute Groups

None.

3.1.4.11   GetApplicationGroupClaims

This operation is used to retrieve the set of **claims (2)** that represent the group of **SSS users** that are group members for a specified **group target application** in the specified **SSS partition**. If the specified **target application** is not a group target application the set MUST have 0 items. The caller MUST be an administrator of the specified target application.

The following is the **WSDL** port type specification of the **GetApplicationGroupClaims WSDL operation**.

```
<wsdl:operation name="GetApplicationGroupClaims"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaims"
message="tns:ISecureStoreServiceApplication GetApplicationGroupClaims InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsResponse"
```

```
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
   <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_ArgumentExceptionFault_
FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
   <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_ArgumentNullExceptionFa
ult FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
   <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_SecureStoreServiceFault
Fault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
   <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsSecureStoreServiceTargetApplicationNotFoundFaultFa
ult" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication GetApplicationGroupClaims SecureStoreServiceTarge
tApplicationNotFoundFaultFault_FaultMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_GetApplicationGroupClaims_InputMessage request message
and the protocol server responds with an
ISecureStoreServiceApplication_GetApplicationGroupClaims_OutputMessage response
message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the specified *applicationId* parameter is 0 or greater than 256.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceFault	An implementation specific validation of *rawPartitionId* failed.
SecureStoreServiceFault	The caller is not an administrator of the specified target application.
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the *applicationId* parameter cannot be found in the **SSS store**.

3.1.4.11.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this
operation.

Message	Description
ISecureStoreServiceApplication_GetApplicationGroupClaims_InputMessage	The request WSDL message for the **GetApplicationGroupClaims WSDL operation**.
ISecureStoreServiceApplication_GetApplicationGroupClaims_OutputMessage	The response WSDL message for the **GetApplicationGroupClaims** WSDL operation.

3.1.4.11.1.1 ISecureStoreServiceApplication_GetApplicationGroupClaims_InputMessage

The request **WSDL message** for the **GetApplicationGroupClaims WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/GetApplicationGroupClaims
```

The **SOAP body** contains the **GetApplicationGroupClaims** element.

3.1.4.11.1.2 ISecureStoreServiceApplication_GetApplicationGroupClaims_OutputMessage

The response **WSDL message** for the **GetApplicationGroupClaims WSDL operation**.

The **SOAP body** contains the **GetApplicationGroupClaimsResponse** element.

3.1.4.11.2   Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
GetApplicationGroupClaims	The input data for the **GetApplicationGroupClaims WSDL operation**.
GetApplicationGroupClaimsResponse	The result data for the **GetApplicationGroupClaims** WSDL operation.

3.1.4.11.2.1 GetApplicationGroupClaims

The **GetApplicationGroupClaims** element specifies the input data for the **GetApplicationGroupClaims WSDL operation**.

```
<xs:element name="GetApplicationGroupClaims" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
```

```
                 <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
           </xs:sequence>
       </xs:complexType>
   </xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application**.

applicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

3.1.4.11.2.2 GetApplicationGroupClaimsResponse

The **GetApplicationGroupClaimsResponse** element specifies the result data for the **GetApplicationGroupClaims WSDL operation**.

```
<xs:element name="GetApplicationGroupClaimsResponse"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetApplicationGroupClaimsResult" nillable="true"
type="q1:ArrayOfSecureStoreServiceClaim"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

GetApplicationGroupClaimsResult: the element contains set of **claims (2)** that represent the group of **SSS users** that are group members for a specified **group target application** in the specified **SSS partition**.

If the specified **target application** is not a group target application the set MUST have 0 items.

3.1.4.11.3   Complex Types

None.

3.1.4.11.4   Simple Types

None.

3.1.4.11.5   Attributes

None.

3.1.4.11.6   Groups

None.

3.1.4.11.7   Attribute Groups

None.

3.1.4.12   GetApplications

This operation is used to retrieve a list of all the **target applications** in the specified **SSS partition** where the caller is an administrator of the target applications. If the caller has implementation specific

authorization to retrieve all the target applications in the specified SSS partition then all the target applications in the specified SSS partition are returned.

The following is the **WSDL** port type specification of the **GetApplications WSDL operation**.

```
<wsdl:operation name="GetApplications" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplications"
message="tns:ISecureStoreServiceApplication_GetApplications_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationsResponse"
message="tns:ISecureStoreServiceApplication_GetApplications_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplications_SecureStoreServiceFaultFault_Faul
tMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **ISecureStoreServiceApplication_GetApplications_InputMessage** request message and the protocol server MUST respond with an **ISecureStoreServiceApplication_GetApplications_OutputMessage** response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a **SOAP fault** containing the corresponding error complex type, serialized as specified in section 2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
SecureStoreServiceFault	An implementation specific authorization check for retrieving all the target applications failed.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceFault	An implementation specific validation of *rawPartitionId* failed.

3.1.4.12.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_GetApplications_InputMessage	The request WSDL message for the **GetApplications WSDL operation**.
ISecureStoreServiceApplication_GetApplications_OutputMessage	The response WSDL message for the **GetApplications** WSDL operation.

3.1.4.12.1.1 ISecureStoreServiceApplication_GetApplications_InputMessage

The request **WSDL message** for the **GetApplications WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/GetApplications
```

The **SOAP body** contains the **GetApplications** element.

3.1.4.12.1.2 ISecureStoreServiceApplication_GetApplications_OutputMessage

The response **WSDL message** for the **GetApplications WSDL operation**.

The **SOAP body** contains the **GetApplicationsResponse** element.

3.1.4.12.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
GetApplications	The input data for the **GetApplications WSDL operation**.
GetApplicationsResponse	The result data for the **GetApplications** WSDL operation.

3.1.4.12.2.1 GetApplications

The **GetApplications** element specifies the input data for the **GetApplications WSDL operation**.

```
<xs:element name="GetApplications" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target applications**.

3.1.4.12.2.2 GetApplicationsResponse

The **GetApplicationsResponse** element specifies the result data for the **GetApplications WSDL operation**.

```
<xs:element name="GetApplicationsResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetApplicationsResult" nillable="true"
type="q1:ArrayOfTargetApplication"/>
    </xs:sequence>
```

```
         </xs:complexType>
      </xs:element>
```

GetApplicationsResult: The list of **target applications** in the specified **SSS partition**.

3.1.4.12.3   Complex Types

None.

3.1.4.12.4   Simple Types

None.

3.1.4.12.5   Attributes

None.

3.1.4.12.6   Groups

None.

3.1.4.12.7   Attribute Groups

None.

3.1.4.13   GetApplicationTicketRedeemerClaims

This operation is used to retrieve the set of **claims (2)** that represent the group of **SSS users** that can redeem an **SSS ticket** for a specified **target application** in the specified **SSS partition**. If the target application type is not IndividualWithTicketing or GroupWithTicketing, the set MUST have 0 items. The caller MUST be an administrator of the specified target application.

The following is the **WSDL** port type specification of the **GetApplicationTicketRedeemerClaims WSDL operation**.

```
   <wsdl:operation name="GetApplicationTicketRedeemerClaims"
   xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
     <wsdl:input
   wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
   erviceApplication/GetApplicationTicketRedeemerClaims"
   message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_InputMessage"
   xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
     <wsdl:output
   wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
   erviceApplication/GetApplicationTicketRedeemerClaimsResponse"
   message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_OutputMessage"
   xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
     <wsdl:fault
   wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
   erviceApplication/GetApplicationTicketRedeemerClaimsArgumentExceptionFault"
   name="ArgumentExceptionFault"
   message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_ArgumentExcept
   ionFault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
     <wsdl:fault
   wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
   erviceApplication/GetApplicationTicketRedeemerClaimsArgumentNullExceptionFault"
   name="ArgumentNullExceptionFault"
   message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_ArgumentNullEx
   ceptionFault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
```

```
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaimsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_SecureStoreSer
viceFaultFault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaimsSecureStoreServiceTargetApplicationNotFou
ndFaultFault" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_SecureStoreSer
viceTargetApplicationNotFoundFaultFault_FaultMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_InputMessage
request message and the protocol server responds with an
ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_OutputMessage
response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the specified *applicationId* parameter is 0 or greater than 256.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceFault	An implementation-specific validation of *rawPartitionId* failed.
SecureStoreServiceFault	The caller is not an administrator of the specified target application.

3.1.4.13.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this
operation.

Message	Description
ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_InputMessage	The request WSDL message for the **GetApplicationTicketRedeemerClaims WSDL operation**.
ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_OutputMessage	The response WSDL message for the **GetApplicationTicketRedeemerClaims** WSDL operation.

3.1.4.13.1.1 ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_InputMessage

The request **WSDL message** for the **GetApplicationTicketRedeemerClaims WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplication/GetApplicationTicketRedeemerClaims
```

The **SOAP body** contains the **GetApplicationTicketRedeemerClaims** element.

3.1.4.13.1.2 ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_OutputMessage

The response **WSDL message** for the **GetApplicationTicketRedeemerClaims WSDL operation**.

The **SOAP body** contains the **GetApplicationTicketRedeemerClaimsResponse** element.

3.1.4.13.2   Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
GetApplicationTicketRedeemerClaims	The input data for the **GetApplicationTicketRedeemerClaims WSDL operation**.
GetApplicationTicketRedeemerClaimsResponse	The result data for the **GetApplicationTicketRedeemerClaims** WSDL operation.

3.1.4.13.2.1 GetApplicationTicketRedeemerClaims

The **GetApplicationTicketRedeemerClaims** element specifies the input data for the **GetApplicationTicketRedeemerClaims WSDL operation**.

```
<xs:element name="GetApplicationTicketRedeemerClaims"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application**.

applicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

3.1.4.13.2.2 GetApplicationTicketRedeemerClaimsResponse

The **GetApplicationTicketRedeemerClaimsResponse** element specifies the result data for the **GetApplicationTicketRedeemerClaims** WSDL operation.

```
<xs:element name="GetApplicationTicketRedeemerClaimsResponse"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetApplicationTicketRedeemerClaimsResult" nillable="true"
type="q1:ArrayOfSecureStoreServiceClaim"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

GetApplicationTicketRedeemerClaimsResult: the element contains set of **claims (2)** that represent the group of **SSS users** that can redeem an **SSS ticket** for a specified **target application** in the specified **SSS partition**.

If the target application type is not IndividualWithTicketing or GroupWithTicketing, the set MUST have 0 items.

3.1.4.13.3   Complex Types

None.

3.1.4.13.4   Simple Types

None.

3.1.4.13.5   Attributes

None.

3.1.4.13.6   Groups

None.

3.1.4.13.7   Attribute Groups

None.

3.1.4.14   GetChangeMasterSecretKeyToken

This operation is used to retrieve an implementation-specific string used as a token for changing the **master secret key**.

The following is the **WSDL** port type specification of the **GetChangeMasterSecretKeyToken WSDL operation**.

```
<wsdl:operation name="GetChangeMasterSecretKeyToken"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChangeMasterSecretKeyToken"
message="tns:ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
```

```
erviceApplication/GetChangeMasterSecretKeyTokenResponse"
message="tns:ISecureStoreServiceApplication GetChangeMasterSecretKeyToken OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    </wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_InputMessage request
message and the protocol server responds with an
ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_OutputMessage response
message.

- The protocol server MUST ignore this request if the caller fails an implementation-specific authorization check for changing the master secret key.

- The protocol server MUST invalidate the token after an implementation-specific time period.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
Exception	The token cannot be reserved because of an implementation-specific reason.
Exception	The token cannot be reserved because a previously reserved token is still valid.<22>

3.1.4.14.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this
operation.

Message	Description
ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_InputMessage	The request WSDL message for the **GetChangeMasterSecretKey Token WSDL operation**.
ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_OutputMessage	The response WSDL message for the **GetChangeMasterSecretKey Token** WSDL operation.

3.1.4.14.1.1 ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_InputMessage

The request **WSDL message** for the **GetChangeMasterSecretKeyToken WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/GetChangeMasterSecretKeyToken
```

The **SOAP body** contains the **GetChangeMasterSecretKeyToken** element.

3.1.4.14.1.2 ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_Output Message

The response **WSDL message** for the **GetChangeMasterSecretKeyToken WSDL operation**.

The **SOAP body** contains the **GetChangeMasterSecretKeyTokenResponse** element.

3.1.4.14.2   Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
GetChangeMasterSecretKeyToken	The input data for the **GetChangeMasterSecretKeyToken WSDL operation**.
GetChangeMasterSecretKeyTokenResponse	The result data for the **GetChangeMasterSecretKeyToken** WSDL operation.

3.1.4.14.2.1 GetChangeMasterSecretKeyToken

The **GetChangeMasterSecretKeyToken** element specifies the input data for the **GetChangeMasterSecretKeyToken WSDL operation**.

```
<xs:element name="GetChangeMasterSecretKeyToken" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
```

3.1.4.14.2.2 GetChangeMasterSecretKeyTokenResponse

The **GetChangeMasterSecretKeyTokenResponse** element specifies the result data for the **GetChangeMasterSecretKeyToken WSDL operation**.

```
<xs:element name="GetChangeMasterSecretKeyTokenResponse"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="GetChangeMasterSecretKeyTokenResult" nillable="true"
type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

GetChangeMasterSecretKeyTokenResult: A token that can be used to change the **master secret key**.

3.1.4.14.3   Complex Types

None.

3.1.4.14.4   Simple Types

None.

3.1.4.14.5   Attributes

None.

3.1.4.14.6   Groups

None.

3.1.4.14.7   Attribute Groups

None.

3.1.4.15   GetCredentials

This operation is used to retrieve the **credentials** of the caller for the specified **target application** in the specified **SSS partition**, when the type of the specified target application is not RestrictedIndividual or RestrictedGroup.

The following is the **WSDL** port type specification of the **GetCredentials WSDL operation**.

```
<wsdl:operation name="GetCredentials" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentials"
message="tns:ISecureStoreServiceApplication_GetCredentials_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsResponse"
message="tns:ISecureStoreServiceApplication_GetCredentials_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication GetCredentials ArgumentExceptionFault FaultMessag
e" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsArgumentNullExceptionFault" name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetCredentials_ArgumentNullExceptionFault_FaultMe
ssage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetCredentials_SecureStoreServiceCredentialsNotFo
undFaultFault FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication GetCredentials SecureStoreServiceFaultFault Fault
Message" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
```

```
message="tns:ISecureStoreServiceApplication_GetCredentials_SecureStoreServiceTargetApplicatio
nNotFoundFaultFault FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **ISecureStoreServiceApplication_GetCredentials_InputMessage**
request message and the protocol server responds with an
ISecureStoreServiceApplication_GetCredentials_OutputMessage response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the specified **applicationId** parameter is less than 1 or greater than 256.
SecureStoreServiceCredentialsNotFoundFault	The credentials are not found for the target application identified by the specified **applicationId** parameter**.**
SecureStoreServiceFault	The specified **rawPartitionId** parameter is NULL or an implementation-specific validation of **rawPartitionId** failed.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceTargetApplicationNotFoundFault	The type of the specified target application in the specified SSS partition is either **RestrictedIndividual** or **RestrictedGroup**.
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the **applicationId** parameter cannot be found in the **SSS store**.

3.1.4.15.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this
operation.

Message	Description
ISecureStoreServiceApplication_GetCredentials_InputMessage	The request WSDL message for the **GetCredentials WSDL operation**.
ISecureStoreServiceApplication_GetCredentials_OutputMessage	The response WSDL message for the **GetCredentials** WSDL operation.

3.1.4.15.1.1 ISecureStoreServiceApplication_GetCredentials_InputMessage

The request **WSDL message** for the **GetCredentials WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/GetCredentials
```

The **SOAP body** contains the **GetCredentials** element.

3.1.4.15.1.2 ISecureStoreServiceApplication_GetCredentials_OutputMessage

The response **WSDL message** for the **GetCredentials WSDL operation**.

The **SOAP body** contains the **GetCredentialsResponse** element.

3.1.4.15.2   Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
GetCredentials	The input data for the **GetCredentials WSDL operation**.
GetCredentialsResponse	The result data for the **GetCredentials** WSDL operation.

3.1.4.15.2.1 GetCredentials

The **GetCredentials** element specifies the input data for the **GetCredentials WSDL operation**.

```
<xs:element name="GetCredentials" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application**.

applicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

3.1.4.15.2.2 GetCredentialsResponse

The **GetCredentialsResponse** element specifies the result data for the **GetCredentials WSDL operation**.

```
<xs:element name="GetCredentialsResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetCredentialsResult" nillable="true"
type="q1:ArrayOfSerializableSecureStoreCredential"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

GetCredentialsResult: A list of **credentials** of the caller for the specified **target application** in the specified **SSS partition**.

3.1.4.15.3 Complex Types

None.

3.1.4.15.4 Simple Types

None.

3.1.4.15.5 Attributes

None.

3.1.4.15.6 Groups

None.

3.1.4.15.7 Attribute Groups

None.

3.1.4.16 GetRestrictedCredentials

This operation is used to retrieve the **credentials** of the caller for the specified **target application** in the specified **SSS partition**, when the type of the specified target application is either **RestrictedIndividual** or **RestrictedGroup.**

The following is the **WSDL** port type specification of the **GetRestrictedCredentials WSDL operation**.

```
<wsdl:operation name="GetRestrictedCredentials"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentials"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsResponse"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_ArgumentExceptionFault_F
aultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_ArgumentNullExceptionFau
lt_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceCreden
```

```
tialsNotFoundFaultFault_FaultMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceFaultF
ault FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFau
lt" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceTarget
ApplicationNotFoundFaultFault FaultMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_GetRestrictedCredentials_InputMessage request message
and the protocol server responds with an
ISecureStoreServiceApplication_GetRestrictedCredentials_OutputMessage response
message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the specified **applicationId** parameter is 0 or greater than 256.
SecureStoreServiceCredentialsNotFoundFault	The credentials are not found for the target application identified by the specified **applicationId** parameter**.**
SecureStoreServiceFault	The specified **rawPartitionId** parameter is NULL or an implementation specific validation of **rawPartitionId** failed.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the **applicationId** parameter cannot be found in the **SSS store**.

3.1.4.16.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this
operation.

Message	Description
ISecureStoreServiceApplication_GetRestrictedCredentials_InputMessage	The request WSDL message for the **GetRestrictedCredentials WSDL operation**.
ISecureStoreServiceApplication_GetRestrictedCredentials_OutputMessage	The response WSDL

Message	Description
	message for the **GetRestrictedCredentials** WSDL operation.

3.1.4.16.1.1 ISecureStoreServiceApplication_GetRestrictedCredentials_InputMessage

The request **WSDL message** for the **GetRestrictedCredentials WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/GetRestrictedCredentials
```

The **SOAP body** contains the **GetRestrictedCredentials** element.

3.1.4.16.1.2 ISecureStoreServiceApplication_GetRestrictedCredentials_OutputMessage

The response **WSDL message** for the **GetRestrictedCredentials WSDL operation**.

The **SOAP body** contains the **GetRestrictedCredentialsResponse** element.

3.1.4.16.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
GetRestrictedCredentials	The input data for the **GetRestrictedCredentials WSDL operation**.
GetRestrictedCredentialsResponse	The result data for the **GetRestrictedCredentials** WSDL operation.

3.1.4.16.2.1 GetRestrictedCredentials

The **GetRestrictedCredentials** element specifies the input data for the **GetRestrictedCredentials WSDL operation**.

```
<xs:element name="GetRestrictedCredentials" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application**.

applicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

3.1.4.16.2.2 GetRestrictedCredentialsResponse

The **GetRestrictedCredentialsResponse** element specifies the result data for the **GetRestrictedCredentials WSDL operation**.

```
<xs:element name="GetRestrictedCredentialsResponse"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetRestrictedCredentialsResult" nillable="true"
type="q1:ArrayOfSerializableSecureStoreCredential"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

GetRestrictedCredentialsResult: A list of **credentials** of the caller for the specified **target application** in the specified **SSS partition**.

3.1.4.16.3 Complex Types

None.

3.1.4.16.4 Simple Types

None.

3.1.4.16.5 Attributes

None.

3.1.4.16.6 Groups

None.

3.1.4.16.7 Attribute Groups

None.

3.1.4.17 GetUserApplication

This operation is used to retrieve **target application** for the specified target application name that can be accessed by the caller in the specified **SSS partition**. To retrieve a target application, the specified target application MUST be an **individual target application**; or if the target application is a **group target application**, the caller MUST be a member of the group target application.

The following is the **WSDL** port type specification of the **GetUserApplication WSDL operation**.

```
<wsdl:operation name="GetUserApplication" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplication"
message="tns:ISecureStoreServiceApplication_GetUserApplication_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationResponse"
```

```
message="tns:ISecureStoreServiceApplication_GetUserApplication_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetUserApplication_ArgumentExceptionFault_FaultMe
ssage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetUserApplication_ArgumentNullExceptionFault_Fau
ltMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplication_SecureStoreServiceFaultFault_F
aultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplication_SecureStoreServiceTargetApplic
ationNotFoundFaultFault FaultMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_GetUserApplication_InputMessage request message and the
protocol server MUST respond with an
ISecureStoreServiceApplication_GetUserApplication_OutputMessage response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the *applicationId* parameter is 0 or greater than 256.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceFault	An implementation specific validation of *rawPartitionId* failed.
SecureStoreServiceTargetApplicationNotFoundFault	The target application identified by the *applicationId* parameter does not exist in the specified SSS partition.

3.1.4.17.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this
operation.

Message	Description
ISecureStoreServiceApplication_GetUserApplication_InputMessage	The request WSDL message for the **GetUserApplication WSDL operation**.
ISecureStoreServiceApplication_GetUserApplication_OutputMessage	The response WSDL message for the **GetUserApplication** WSDL operation.

3.1.4.17.1.1 ISecureStoreServiceApplication_GetUserApplication_InputMessage

The request **WSDL message** for the **GetUserApplication WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/GetUserApplication
```

The **SOAP body** contains the **GetUserApplication** element.

3.1.4.17.1.2 ISecureStoreServiceApplication_GetUserApplication_OutputMessage

The response **WSDL message** for the **GetUserApplication WSDL operation**.

The **SOAP body** contains the **GetUserApplicationResponse** element.

3.1.4.17.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
GetUserApplication	The input data for the **GetUserApplication WSDL operation**.
GetUserApplicationResponse	The result data for the **GetUserApplication** WSDL operation.

3.1.4.17.2.1 GetUserApplication

The **GetUserApplication** element specifies the input data for the **GetUserApplication WSDL operation**.

```
<xs:element name="GetUserApplication" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application**.

applicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

3.1.4.17.2.2 GetUserApplicationResponse

The **GetUserApplicationResponse** element specifies the result data for the **GetUserApplication WSDL operation**.

```
<xs:element name="GetUserApplicationResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetUserApplicationResult" nillable="true" type="q1:TargetApplication"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

GetUserApplicationResult: target application information for specified **applicationId** parameter that can be accessed by the caller in the specified **SSS partition**.

3.1.4.17.3 Complex Types

None.

3.1.4.17.4 Simple Types

None.

3.1.4.17.5 Attributes

None.

3.1.4.17.6 Groups

None.

3.1.4.17.7 Attribute Groups

None.

3.1.4.18 GetUserApplicationFields

This operation is used to retrieve all the **target application fields** for the specified **target application** name that can be accessed by the caller in the **SSS partition**. To retrieve the target application fields the specified target application MUST be an **individual target application** or if the target application is a **group target application**, the caller MUST be a member of the group target application.

The following is the **WSDL** port type specification of the **GetUserApplicationFields WSDL operation**.

```
<wsdl:operation name="GetUserApplicationFields"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFields"
```

```
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsResponse"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_ArgumentExceptionFault_F
aultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_ArgumentNullExceptionFau
lt_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_SecureStoreServiceFaultF
ault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsSecureStoreServiceTargetApplicationNotFoundFaultFau
lt" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_SecureStoreServiceTarget
ApplicationNotFoundFaultFault_FaultMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_GetUserApplicationFields_InputMessage request message
and the protocol server MUST respond with an
ISecureStoreServiceApplication_GetUserApplicationFields_OutputMessage response
message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the specified *applicationId* parameter is 0 or greater than 256.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceFault	An implementation specific validation of *rawPartitionId* failed.
SecureStoreServiceTargetApplicationNotFoundFault	The target application identified by the *applicationId* parameter does not exist in the specified SSS partition.

3.1.4.18.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_GetUserApplicationFields_InputMessage	The request WSDL message for the **GetUserApplicationFields WSDL operation**.
ISecureStoreServiceApplication_GetUserApplicationFields_OutputMessage	The response WSDL message for the **GetUserApplicationFields** WSDL operation.

3.1.4.18.1.1 ISecureStoreServiceApplication_GetUserApplicationFields_InputMessage

The request **WSDL message** for the **GetUserApplicationFields WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/GetUserApplicationFields
```

The **SOAP body** contains the **GetUserApplicationFields** element.

3.1.4.18.1.2 ISecureStoreServiceApplication_GetUserApplicationFields_OutputMessage

The response **WSDL message** for the **GetUserApplicationFields WSDL operation**.

The **SOAP body** contains the **GetUserApplicationFieldsResponse** element.

3.1.4.18.2   Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
GetUserApplicationFields	The input data for the **GetUserApplicationFields WSDL operation**.
GetUserApplicationFieldsResponse	The result data for the **GetUserApplicationFields** WSDL operation.

3.1.4.18.2.1 GetUserApplicationFields

The **GetUserApplicationFields** element specifies the input data for the **GetUserApplicationFields WSDL operation**.

```
<xs:element name="GetUserApplicationFields" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
```

```
        <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application**.

applicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

3.1.4.18.2.2 GetUserApplicationFieldsResponse

The **GetUserApplicationFieldsResponse** element specifies the result data for the **GetUserApplicationFields WSDL operation**.

```
<xs:element name="GetUserApplicationFieldsResponse"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetUserApplicationFieldsResult" nillable="true"
type="q1:ArrayOfTargetApplicationField"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

GetUserApplicationFieldsResult: The list of **target application fields** for the specified **target application** that can be accessed by the caller.

3.1.4.18.3 Complex Types

None.

3.1.4.18.4 Simple Types

None.

3.1.4.18.5 Attributes

None.

3.1.4.18.6 Groups

None.

3.1.4.18.7 Attribute Groups

None.

3.1.4.19 GetUserApplications

This operation is used to retrieve the information for all the **target applications** that can be accessed by the caller in the specified **SSS partition**. The target applications that can be accessed by the caller MUST include all the **group target applications** in the specified SSS partition where the caller is a member of the group target application and all the **individual target applications** in the specified SSS partition.

The following is the **WSDL** port type specification of the **GetUserApplications WSDL operation**.

```
<wsdl:operation name="GetUserApplications" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplications"
message="tns:ISecureStoreServiceApplication GetUserApplications InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationsResponse"
message="tns:ISecureStoreServiceApplication_GetUserApplications_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplications_SecureStoreServiceFaultFault_
FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_GetUserApplications_InputMessage request message and the
protocol server MUST respond with an
ISecureStoreServiceApplication_GetUserApplications_OutputMessage response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceFault	The specified **rawPartitionId** parameter is NULL or an implementation specific validation of **rawPartitionId** failed.

3.1.4.19.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this
operation.

Message	Description
ISecureStoreServiceApplication_GetUserApplications_InputMessage	The request WSDL message for the **GetUserApplications WSDL operation**.
ISecureStoreServiceApplication_GetUserApplications_OutputMessage	The response WSDL message for the **GetUserApplications** WSDL operation.

3.1.4.19.1.1 ISecureStoreServiceApplication_GetUserApplications_InputMessage

The request **WSDL message** for the **GetUserApplications WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/GetUserApplications
```

The **SOAP body** contains the **GetUserApplications** element.

3.1.4.19.1.2 ISecureStoreServiceApplication_GetUserApplications_OutputMessage

The response **WSDL message** for the **GetUserApplications WSDL operation**.

The **SOAP body** contains the **GetUserApplicationsResponse** element.

3.1.4.19.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
GetUserApplications	The input data for the **GetUserApplications WSDL operation**.
GetUserApplicationsResponse	The result data for the **GetUserApplications** WSDL operation.

3.1.4.19.2.1 GetUserApplications

The **GetUserApplications** element specifies the input data for the **GetUserApplications WSDL operation**.

```
<xs:element name="GetUserApplications" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition**.

3.1.4.19.2.2 GetUserApplicationsResponse

The **GetUserApplicationsResponse** element specifies the result data for the **GetUserApplications WSDL operation**.

```
<xs:element name="GetUserApplicationsResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetUserApplicationsResult" nillable="true"
type="q1:ArrayOfTargetApplication"/>
    </xs:sequence>
  </xs:complexType>
```

```
   </xs:element>
```

GetUserApplicationsResult: The list of all the **target applications** returned that can be accessed by the caller.

3.1.4.19.3   Complex Types

None.

3.1.4.19.4   Simple Types

None.

3.1.4.19.5   Attributes

None.

3.1.4.19.6   Groups

None.

3.1.4.19.7   Attribute Groups

None.

3.1.4.20   IsMasterSecretKeyPopulated

This operation is used to determine whether the **master secret key** exists in the **SSS store**.

The following is the **WSDL** port type specification of the **IsMasterSecretKeyPopulated WSDL operation**.

```
<wsdl:operation name="IsMasterSecretKeyPopulated"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IsMasterSecretKeyPopulated"
message="tns:ISecureStoreServiceApplication IsMasterSecretKeyPopulated InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IsMasterSecretKeyPopulatedResponse"
message="tns:ISecureStoreServiceApplication IsMasterSecretKeyPopulated OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

3.1.4.20.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_InputMessage	The request WSDL message for the **IsMasterSecretKeyPopulated WSDL operation**.

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Message	Description
ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_OutputMessage	The response WSDL message for the **IsMasterSecretKeyPopulated** WSDL operation.

3.1.4.20.1.1 ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_InputMessage

The request **WSDL message** for the **IsMasterSecretKeyPopulated WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/IsMasterSecretKeyPopulated
```

The **SOAP body** contains the **IsMasterSecretKeyPopulated** element.

3.1.4.20.1.2 ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_OutputMessage

The response **WSDL message** for the **IsMasterSecretKeyPopulated WSDL operation**.

The **SOAP body** contains the **IsMasterSecretKeyPopulatedResponse** element.

3.1.4.20.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
IsMasterSecretKeyPopulated	The input data for the **IsMasterSecretKeyPopulated WSDL operation**.
IsMasterSecretKeyPopulatedResponse	The result data for the **IsMasterSecretKeyPopulated** WSDL operation.

3.1.4.20.2.1 IsMasterSecretKeyPopulated

The **IsMasterSecretKeyPopulated** element specifies the input data for the **IsMasterSecretKeyPopulated WSDL operation**.

```
<xs:element name="IsMasterSecretKeyPopulated" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
```

3.1.4.20.2.2 IsMasterSecretKeyPopulatedResponse

The **IsMasterSecretKeyPopulatedResponse** element specifies the result data for the **IsMasterSecretKeyPopulated WSDL operation**.

```
<xs:element name="IsMasterSecretKeyPopulatedResponse"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="IsMasterSecretKeyPopulatedResult" type="xs:boolean"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

IsMasterSecretKeyPopulatedResult: The result data for an IsMasterSecretKeyPopulated operation. If the **master secret key** is stored in **SSS store**, the server MUST set this element's value to true. Otherwise, the server MUST set this element's value to false.

3.1.4.20.3   Complex Types

None.

3.1.4.20.4   Simple Types

None.

3.1.4.20.5   Attributes

None.

3.1.4.20.6   Groups

None.

3.1.4.20.7   Attribute Groups

None.

3.1.4.21   IssueTicket

This operation is used to issue a **SSS ticket** to represent the calling **SSS user** in the specified **SSS partition**. The issued SSS ticket is then stored in the **SSS store** to be redeemed at a later time by another SSS user with a RedeemTicket request, as specified in section 3.1.4.22, to retrieve the **credentials** associated with the original SSS user represented by the SSS ticket.

The following is the **WSDL** port type specification of the **IssueTicket WSDL operation**.

```
<wsdl:operation name="IssueTicket" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IssueTicket"
message="tns:ISecureStoreServiceApplication IssueTicket InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IssueTicketResponse"
message="tns:ISecureStoreServiceApplication_IssueTicket_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IssueTicketSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
```

```
message="tns:ISecureStoreServiceApplication_IssueTicket_SecureStoreServiceFaultFault_FaultMes
sage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **ISecureStoreServiceApplication_IssueTicket_InputMessage**
request message and the protocol server responds with an
ISecureStoreServiceApplication_IssueTicket_OutputMessage response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceFault	The specified **rawPartitionId** parameter is NULL or an implementation specific validation of **rawPartitionId** failed.
SecureStoreServiceFault	The security principle in whose context the protocol client is operating in is not authorized to request a SSS ticket from the SSS store.

3.1.4.21.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this
operation.

Message	Description
ISecureStoreServiceApplication_IssueTicket_InputMessage	The request WSDL message for the **IssueTicket WSDL operation**.
ISecureStoreServiceApplication_IssueTicket_OutputMessage	The response WSDL message for the **IssueTicket** WSDL operation.

3.1.4.21.1.1 ISecureStoreServiceApplication_IssueTicket_InputMessage

The request **WSDL message** for the **IssueTicket WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/IssueTicket
```

The **SOAP body** contains the **IssueTicket** element.

3.1.4.21.1.2 ISecureStoreServiceApplication_IssueTicket_OutputMessage

The response **WSDL message** for the **IssueTicket WSDL operation**.

The **SOAP body** contains the **IssueTicketResponse** element.

3.1.4.21.2   Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
IssueTicket	The input data for the **IssueTicket WSDL operation**.
IssueTicketResponse	The result data for the **IssueTicket** WSDL operation.

3.1.4.21.2.1 IssueTicket

The **IssueTicket** element specifies the input data for the **IssueTicket WSDL operation**.

```
<xs:element name="IssueTicket" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **SSS ticket** that is to be issued.

3.1.4.21.2.2 IssueTicketResponse

The **IssueTicketResponse** element specifies the result data for the **IssueTicket WSDL operation**.

```
<xs:element name="IssueTicketResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="IssueTicketResult" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

IssueTicketResult: A **base64** encoded string that identifies the **SSS ticket**.

3.1.4.21.3   Complex Types

None.

3.1.4.21.4   Simple Types

None.

3.1.4.21.5   Attributes

None.

3.1.4.21.6   Groups

None.

3.1.4.21.7   Attribute Groups

None.

3.1.4.22   RedeemTicket

This operation is used to redeem a **SSS ticket** issued by a previous IssueTicket request, as specified in section [3.1.4.21](#), to retrieve the set of **credentials** associated with the **SSS user** represented by the specified SSS ticket for the specified **target application** in the specified **SSS partition** from the **SSS store**.

The following is the **WSDL** port type specification of the **RedeemTicket WSDL operation**.

```
<wsdl:operation name="RedeemTicket" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicket"
message="tns:ISecureStoreServiceApplication_RedeemTicket_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketResponse"
message="tns:ISecureStoreServiceApplication_RedeemTicket_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_RedeemTicket_ArgumentExceptionFault_FaultMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketArgumentNullExceptionFault" name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication RedeemTicket ArgumentNullExceptionFault FaultMess
age" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_RedeemTicket_SecureStoreServiceCredentialsNotFoun
dFaultFault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_RedeemTicket_SecureStoreServiceFaultFault_FaultMe
ssage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication RedeemTicket SecureStoreServiceTargetApplicationN
otFoundFaultFault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **ISecureStoreServiceApplication_RedeemTicket_InputMessage** request message and the protocol server responds with an **ISecureStoreServiceApplication_RedeemTicket_OutputMessage** response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a **SOAP fault** containing the corresponding error complex type, serialized as specified in section

2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the specified **applicationId** parameter is 0 or greater than 256.
SecureStoreServiceCredentialsNotFoundFault	The credentials cannot be found for the target application identified by the specified **applicationId** parameter for the SSS user represented by the SSS ticket identified by the specified **base64EncodedTicket** parameter.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceFault	The specified **rawPartitionId** parameter is NULL or an implementation specific validation of **rawPartitionId** failed.
SecureStoreServiceFault	The target application specified by the **applicationId** parameter is not a target application with ticketing.
SecureStoreServiceFault	The format of the **base64EncodedTicket** parameter is incorrect.
SecureStoreServiceFault	The SSS ticket specified by the **base64EncodedTicket** parameter cannot be found in the SSS store.
SecureStoreServiceFault	The **security principal** in whose context the protocol client is operating in is not a member of the specified target application's ticket redeemer group.
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the **applicationId** parameter cannot be found in the SSS store.

3.1.4.22.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_RedeemTicket_InputMessage	The request WSDL message for the **RedeemTicket WSDL operation**.
ISecureStoreServiceApplication_RedeemTicket_OutputMessage	The response WSDL message for the **RedeemTicket** WSDL operation.

3.1.4.22.1.1 ISecureStoreServiceApplication_RedeemTicket_InputMessage

The request **WSDL message** for the **RedeemTicket WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/RedeemTicket
```

The **SOAP body** contains the **RedeemTicket** element.

3.1.4.22.1.2 ISecureStoreServiceApplication_RedeemTicket_OutputMessage

The response **WSDL message** for the **RedeemTicket WSDL operation**.

The **SOAP body** contains the **RedeemTicketResponse** element.

3.1.4.22.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
RedeemTicket	The input data for the **RedeemTicket WSDL operation**.
RedeemTicketResponse	The result data for the **RedeemTicket** WSDL operation.

3.1.4.22.2.1 RedeemTicket

The **RedeemTicket** element specifies the input data for the **RedeemTicket WSDL operation**.

```
<xs:element name="RedeemTicket" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="base64EncodedTicket" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application**.

applicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

base64EncodedTicket: A **base64** encoded string that identifies the **SSS ticket** to be redeemed.

3.1.4.22.2.2 RedeemTicketResponse

The **RedeemTicketResponse** element specifies the result data for the **RedeemTicket WSDL operation**.

```
<xs:element name="RedeemTicketResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="RedeemTicketResult" nillable="true"
type="q1:ArrayOfSerializableSecureStoreCredential"/>
```

```
            </xs:sequence>
        </xs:complexType>
    </xs:element>
```

RedeemTicketResult: A list of **credentials** associated with the **SSS user** represented by the specified **SSS ticket** for the specified **target application** in the specified **SSS partition** from the **SSS store**. The list MUST contain between 1 and 10 credentials, inclusive.

3.1.4.22.3   Complex Types

None.

3.1.4.22.4   Simple Types

None.

3.1.4.22.5   Attributes

None.

3.1.4.22.6   Groups

None.

3.1.4.22.7   Attribute Groups

None.

3.1.4.23   SetChangeKeyPassphrase

This operation is used to store the specified byte array used to perform implementation-specific encryption on the **master secret key** on the protocol server.

The following is the **WSDL** port type specification of the **SetChangeKeyPassphrase WSDL operation**.

```
<wsdl:operation name="SetChangeKeyPassphrase" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetChangeKeyPassphrase"
message="tns:ISecureStoreServiceApplication_SetChangeKeyPassphrase_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetChangeKeyPassphraseResponse"
message="tns:ISecureStoreServiceApplication_SetChangeKeyPassphrase_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **ISecureStoreServiceApplication_SetChangeKeyPassphrase_InputMessage** request message and the protocol server MUST respond with an **ISecureStoreServiceApplication_SetChangeKeyPassphrase_OutputMessage** message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a **SOAP fault** containing the corresponding error complex type, serialized as specified in section

2.2.2.1. If the following error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
SecureStoreServiceFault	An implementation specific authorization check for storing the specified byte array fails.

3.1.4.23.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_SetChangeKeyPassphrase_InputMessage	The request WSDL message for the **SetChangeKeyPassphrase WSDL operation**.
ISecureStoreServiceApplication_SetChangeKeyPassphrase_OutputMessage	The response WSDL message for the **SetChangeKeyPassphrase** WSDL operation.

3.1.4.23.1.1 ISecureStoreServiceApplication_SetChangeKeyPassphrase_InputMessage

The request **WSDL message** for the **SetChangeKeyPassphrase WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplication/SetChangeKeyPassphrase
```

The **SOAP body** contains the **SetChangeKeyPassphrase** element.

3.1.4.23.1.2 ISecureStoreServiceApplication_SetChangeKeyPassphrase_OutputMessage

The response **WSDL message** for the **SetChangeKeyPassphrase WSDL operation**.

The **SOAP body** contains the **SetChangeKeyPassphraseResponse** element.

3.1.4.23.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
SetChangeKeyPassphrase	The input data for the **SetChangeKeyPassphrase WSDL operation**.

Element	Description
SetChangeKeyPassphraseResponse	The result data for the **SetChangeKeyPassphrase** WSDL operation.

3.1.4.23.2.1 SetChangeKeyPassphrase

The **SetChangeKeyPassphrase** element specifies the input data for the **SetChangeKeyPassphrase WSDL operation**.

```
<xs:element name="SetChangeKeyPassphrase" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="passPhraseHash" nillable="true"
type="xs:base64Binary"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

passPhraseHash: A byte array, derived from an implementation specific hash of an administrator supplied passphrase, used as an encryption key to encrypt the **master secret key** using an implementation specific algorithm. It MUST be 32 bytes in length.

3.1.4.23.2.2 SetChangeKeyPassphraseResponse

The **SetChangeKeyPassphraseResponse** element specifies the result data for the **SetChangeKeyPassphrase WSDL operation**.

```
<xs:element name="SetChangeKeyPassphraseResponse"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
```

3.1.4.23.3   Complex Types

None.

3.1.4.23.4   Simple Types

None.

3.1.4.23.5   Attributes

None.

3.1.4.23.6   Groups

None.

3.1.4.23.7   Attribute Groups

None.

3.1.4.24 SetCredentials

This operation is used to set **credentials** for the caller for the specified **individual target application** in the specified **SSS partition**.

The following is the **WSDL** port type specification of the **SetCredentials WSDL operation**.

```
<wsdl:operation name="SetCredentials" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentials"
message="tns:ISecureStoreServiceApplication_SetCredentials_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentialsResponse"
message="tns:ISecureStoreServiceApplication_SetCredentials_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_SetCredentials_ArgumentExceptionFault_FaultMessag
e" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentialsArgumentNullExceptionFault" name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_SetCredentials_ArgumentNullExceptionFault_FaultMe
ssage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_SetCredentials_SecureStoreServiceFaultFault_Fault
Message" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_SetCredentials_SecureStoreServiceTargetApplicatio
nNotFoundFaultFault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **ISecureStoreServiceApplication_SetCredentials_InputMessage** request message and the protocol server responds with an **ISecureStoreServiceApplication_SetCredentials_OutputMessage** response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a **SOAP fault** containing the corresponding error complex type, serialized as specified in section 2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the specified **applicationId** parameter is 0 or greater than 256.
SecureStoreServiceFault	The specified **rawPartitionId** parameter is NULL or an implementation specific validation of **rawPartitionId** failed.
SecureStoreServiceFault	The **target application** identified by the specified **applicationId** parameter is a **group target application**.

Error Complex Type	Condition
SecureStoreServiceFault	The specified **credentials** parameter is NULL, or its count is 0 or greater than 10.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the **applicationId** parameter cannot be found in the **SSS store**.

3.1.4.24.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_SetCredentials_InputMessage	The request WSDL message for the **SetCredentials WSDL operation**.
ISecureStoreServiceApplication_SetCredentials_OutputMessage	The response WSDL message for the **SetCredentials** WSDL operation.

3.1.4.24.1.1 ISecureStoreServiceApplication_SetCredentials_InputMessage

The request **WSDL message** for the **SetCredentials WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/SetCredentials
```

The **SOAP body** contains the **SetCredentials** element.

3.1.4.24.1.2 ISecureStoreServiceApplication_SetCredentials_OutputMessage

The response **WSDL message** for the **SetCredentials WSDL operation**.

The **SOAP body** contains the **SetCredentialsResponse** element.

3.1.4.24.2   Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
SetCredentials	The input data for the **SetCredentials WSDL operation**.
SetCredentialsResponse	The result data for the **SetCredentials** WSDL operation.

3.1.4.24.2.1 SetCredentials

The **SetCredentials** element specifies the input data for the **SetCredentials WSDL operation**.

```
<xs:element name="SetCredentials" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="credentials" nillable="true"
type="q1:ArrayOfSerializableSecureStoreCredential"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application**.

applicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

credentials: A list of **credentials** of the caller for the specified target application in the specified SSS partition. Its count MUST be between 1 and 10, inclusive.

3.1.4.24.2.2 SetCredentialsResponse

The **SetCredentialsResponse** element specifies the result data for the **SetCredentials WSDL operation**.

```
<xs:element name="SetCredentialsResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
```

3.1.4.24.3   Complex Types

None.

3.1.4.24.4   Simple Types

None.

3.1.4.24.5   Attributes

None.

3.1.4.24.6   Groups

None.

3.1.4.24.7   Attribute Groups

None.

3.1.4.25 SetGroupCredentials

This operation is used to set **credentials** for the specified **group target application** in the specified **SSS partition**. The caller MUST be an administrator of the specified group target application.

The following is the **WSDL** port type specification of the **SetGroupCredentials WSDL operation**.

```
<wsdl:operation name="SetGroupCredentials" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentials"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsResponse"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_ArgumentExceptionFault_FaultM
essage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_ArgumentNullExceptionFault_Fa
ultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_SecureStoreServiceFaultFault_
FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_SecureStoreServiceTargetAppli
cationNotFoundFaultFault_FaultMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_SetGroupCredentials_InputMessage request message and the
protocol server responds with an
ISecureStoreServiceApplication_SetGroupCredentials_OutputMessage response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the specified *applicationId* parameter is 0 or greater than 256.
SecureStoreServiceFault	The caller is not an administrator of the specified group target application.
SecureStoreServiceFault	An implementation specific validation of *rawPartitionId* failed.

Error Complex Type	Condition
SecureStoreServiceFault	The **target application** identified by the specified *applicationId* parameter is an **individual target application**.
SecureStoreServiceFault	The specified *credentials* parameter is NULL, or its count is 0 or greater than 10.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceTargetApplicationNotFoundFault	The group target application specified by the *applicationId* parameter cannot be found in the **SSS store**.

3.1.4.25.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_SetGroupCredentials_InputMessage	The request WSDL message for the **SetGroupCredentials WSDL operation**.
ISecureStoreServiceApplication_SetGroupCredentials_OutputMessage	The response WSDL message for the **SetGroupCredentials** WSDL operation.

3.1.4.25.1.1 ISecureStoreServiceApplication_SetGroupCredentials_InputMessage

The request **WSDL message** for the **SetGroupCredentials WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/SetGroupCredentials
```

The **SOAP body** contains the **SetGroupCredentials** element.

3.1.4.25.1.2 ISecureStoreServiceApplication_SetGroupCredentials_OutputMessage

The response **WSDL message** for the **SetGroupCredentials WSDL operation**.

The **SOAP body** contains the **SetGroupCredentialsResponse** element.

3.1.4.25.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
SetGroupCredentials	The input data for the **SetGroupCredentials WSDL operation**.
SetGroupCredentialsResponse	The result data for the **SetGroupCredentials** WSDL operation.

3.1.4.25.2.1 SetGroupCredentials

The **SetGroupCredentials** element specifies the input data for the **SetGroupCredentials WSDL operation**.

```
<xs:element name="SetGroupCredentials" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="credentials" nillable="true"
type="q1:ArrayOfSerializableSecureStoreCredential"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **group target application**.

applicationId: The name of the group target application. It MUST be between 1 and 256 characters, inclusive, in length.

credentials: An [ArrayOfSerializableSecureStoreCredential](#) object that specifies **credentials** for a group target application. Its count MUST be between 1 and 10, inclusive.

3.1.4.25.2.2 SetGroupCredentialsResponse

The **SetGroupCredentialsResponse** element specifies the result data for the **SetGroupCredentials WSDL operation**.

```
<xs:element name="SetGroupCredentialsResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
```

3.1.4.25.3   Complex Types

None.

3.1.4.25.4   Simple Types

None.

3.1.4.25.5   Attributes

None.

3.1.4.25.6   Groups

None.

3.1.4.25.7   Attribute Groups

None.

3.1.4.26   SetMasterSecretKey

This operation is used to retrieve the encrypted **master secret key** from the **SSS store** and decrypt using the specified passphrase hash as the key using an implementation specific algorithm. The plain text master secret key is maintained locally by the protocol server for encrypting and decrypting **credentials**.

The following is the **WSDL** port type specification of the **SetMasterSecretKey WSDL operation**.

```
<wsdl:operation name="SetMasterSecretKey" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetMasterSecretKey"
message="tns:ISecureStoreServiceApplication SetMasterSecretKey InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetMasterSecretKeyResponse"
message="tns:ISecureStoreServiceApplication_SetMasterSecretKey_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetMasterSecretKeySecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_SetMasterSecretKey_SecureStoreServiceFaultFault_F
aultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_SetMasterSecretKey_InputMessage request message and the protocol server MUST respond with an
ISecureStoreServiceApplication_SetMasterSecretKey_OutputMessage message.

▪ The protocol server MUST use the given byte array to perform implementation-specific decryption on the encrypted master secret key in the SSS store and store the decrypted key on the protocol server.

If any one of the conditions in the following table is met, the protocol server MUST respond with a **SOAP fault** containing the corresponding error complex type, serialized as specified in section 2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
SecureStoreServiceFault	The caller failed an implementation specific authorization check for setting the decrypted master secret key.
SecureStoreServiceFault	The protocol server cannot retrieve the master secret key from the SSS store.

3.1.4.26.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_SetMasterSecretKey_InputMessage	The request WSDL message for the **SetMasterSecretKey WSDL operation**.
ISecureStoreServiceApplication_SetMasterSecretKey_OutputMessage	The response WSDL message for the **SetMasterSecretKey** WSDL operation.

3.1.4.26.1.1 ISecureStoreServiceApplication_SetMasterSecretKey_InputMessage

The request **WSDL message** for the **SetMasterSecretKey WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/SetMasterSecretKey
```

The **SOAP body** contains the **SetMasterSecretKey** element.

3.1.4.26.1.2 ISecureStoreServiceApplication_SetMasterSecretKey_OutputMessage

The response **WSDL message** for the **SetMasterSecretKey WSDL operation**.

The **SOAP body** contains the **SetMasterSecretKeyResponse** element.

3.1.4.26.2   Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
SetMasterSecretKey	The input data for the **SetMasterSecretKey WSDL operation**.
SetMasterSecretKeyResponse	The result data for the **SetMasterSecretKey** WSDL operation.

3.1.4.26.2.1 SetMasterSecretKey

The **SetMasterSecretKey** element specifies the input data for the **SetMasterSecretKey WSDL operation**.

```
<xs:element name="SetMasterSecretKey" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="passPhraseHash" nillable="true"
type="xs:base64Binary"/>
    </xs:sequence>
```

```
      </xs:complexType>
   </xs:element>
```

passPhraseHash: A byte array, derived from an implementation specific hash of an administrator supplied passphrase, used as a decryption key to decrypt the master secret key using an implementation specific algorithm. It MUST be 32 bytes in length.

3.1.4.26.2.2 SetMasterSecretKeyResponse

The **SetMasterSecretKeyResponse** element specifies the result data for the **SetMasterSecretKey WSDL operation**.

```
   <xs:element name="SetMasterSecretKeyResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
     <xs:complexType>
       <xs:sequence/>
     </xs:complexType>
   </xs:element>
```

3.1.4.26.3   Complex Types

None.

3.1.4.26.4   Simple Types

None.

3.1.4.26.5   Attributes

None.

3.1.4.26.6   Groups

None.

3.1.4.26.7   Attribute Groups

None.

3.1.4.27   SetUserCredentials

This operation is used to set the **credentials** for an **SSS user** for the specified **individual target application** in the **SSS partition**. The caller MUST be an administrator of the specified individual target application.

The following is the **WSDL** port type specification of the **SetUserCredentials WSDL operation**.

```
   <wsdl:operation name="SetUserCredentials" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
     <wsdl:input
   wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
   erviceApplication/SetUserCredentials"
   message="tns:ISecureStoreServiceApplication_SetUserCredentials_InputMessage"
   xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
     <wsdl:output
   wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
   erviceApplication/SetUserCredentialsResponse"
   message="tns:ISecureStoreServiceApplication_SetUserCredentials_OutputMessage"
   xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
```

```
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_ArgumentExceptionFault_FaultMe
ssage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_ArgumentNullExceptionFault_Fau
ltMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_SecureStoreServiceFaultFault_F
aultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_SecureStoreServiceTargetApplic
ationNotFoundFaultFault_FaultMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_SetUserCredentials_InputMessage request message and the
protocol server responds with an
ISecureStoreServiceApplication_SetUserCredentials_OutputMessage response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the specified *applicationId* parameter is 0 or greater than 256.
SecureStoreServiceFault	The caller is not an administrator of the specified individual target application.
SecureStoreServiceFault	An implementation specific validation of *rawPartitionId* failed.
SecureStoreServiceFault	The **target application** identified by the specified *applicationId* parameter is a **group target application**.
SecureStoreServiceFault	The specified *credentials* parameter is NULL, or its count is 0 or greater than 10.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the *applicationId* parameter cannot be found in the **SSS store**.

3.1.4.27.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_SetUserCredentials_InputMessage	The request WSDL message for the **SetUserCredentials WSDL operation**.
ISecureStoreServiceApplication_SetUserCredentials_OutputMessage	The response WSDL message for the **SetUserCredentials** WSDL operation.

3.1.4.27.1.1 ISecureStoreServiceApplication_SetUserCredentials_InputMessage

The request **WSDL message** for the **SetUserCredentials WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/SetUserCredentials
```

The **SOAP body** contains the **SetUserCredentials** element.

3.1.4.27.1.2 ISecureStoreServiceApplication_SetUserCredentials_OutputMessage

The response **WSDL message** for the **SetUserCredentials WSDL operation**.

The **SOAP body** contains the **SetUserCredentialsResponse** element.

3.1.4.27.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
SetUserCredentials	The input data for the **SetUserCredentials WSDL operation**.
SetUserCredentialsResponse	The result data for the **SetUserCredentials** WSDL operation.

3.1.4.27.2.1 SetUserCredentials

The **SetUserCredentials** element specifies the input data for the **SetUserCredentials WSDL operation**.

```
<xs:element name="SetUserCredentials" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="claim" nillable="true" type="q1:SecureStoreServiceClaim"/>
```

```
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="credentials" nillable="true"
type="q1:ArrayOfSerializableSecureStoreCredential"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application**.

applicationId: The name of the target application. It MUST be between 1 and 256 characters, inclusive, in length.

claim: The identity **claim (2)** for the **SSS user** whose **credentials** are to be set.

credentials: An [ArrayOfSerializableSecureStoreCredential](#) object that specifies credentials for an SSS user. The count of credentials MUST be between 1 and 10, inclusive.

3.1.4.27.2.2 SetUserCredentialsResponse

The **SetUserCredentialsResponse** element specifies the result data for the **SetUserCredentials WSDL operation**.

```
<xs:element name="SetUserCredentialsResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
```

3.1.4.27.3   Complex Types

None.

3.1.4.27.4   Simple Types

None.

3.1.4.27.5   Attributes

None.

3.1.4.27.6   Groups

None.

3.1.4.27.7   Attribute Groups

None.

3.1.4.28   UpdateApplication

This operation is used to update the specified **target application** in the **SSS partition**. The caller MUST be an administrator of the specified target application.

The following is the **WSDL** port type specification of the **UpdateApplication WSDL operation**.

```
<wsdl:operation name="UpdateApplication" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
```

```
    <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplication"
message="tns:ISecureStoreServiceApplication_UpdateApplication_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationResponse"
message="tns:ISecureStoreServiceApplication_UpdateApplication_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_UpdateApplication_ArgumentExceptionFault_FaultMes
sage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_UpdateApplication_ArgumentNullExceptionFault_Faul
tMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_UpdateApplication_SecureStoreServiceFaultFault_Fa
ultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_UpdateApplication_SecureStoreServiceTargetApplica
tionNotFoundFaultFault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  </wsdl:operation>
```

The protocol client sends an **ISecureStoreServiceApplication_UpdateApplication_InputMessage**
request message and the protocol server MUST respond with an
ISecureStoreServiceApplication_UpdateApplication_OutputMessage response message, as
follows:

▪ The protocol client MUST specify a target application, the SSS partition of the target application, a
  list of **target application fields** and the **claim (2)** sets associated with this target application.

▪ The protocol client MUST NOT change target application name, change the number of target
  application fields, change name or change type of the target application field.

▪ When changing target application type, if the specified existing target application is an **individual
  target application**, the updated target application MUST also be an individual target application;
  if the specified existing target application is a **group target application**, the updated target
  application MUST also be a group target application.

▪ The protocol server MUST store the values of the target application (section 2.2.4.15)
  friendlyName, contactEmail, credentialManagementUrl, ticketTimeout, credentialType,
  administrators and target application field masked flag with the protocol client specified values.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The **administratorClaims** member in the specified

Error Complex Type	Condition
	applicationClaims parameter is NULL or empty.
ArgumentException	The **contactEmail** member of the *application* parameter is not a valid e-mail address or its length is greater than 128.
ArgumentException	The **applicationId** member of the *application* parameter is 0 or greater than 256.
ArgumentException	The **friendlyName** member of the *application* parameter is 0 or greater than 256.
ArgumentException	The **type** member of the *application* parameter is not a valid **TargetApplicationType** (section 2.2.5.5).
ArgumentException	The **credentialManagementUrl** member of the *application* parameter is not a valid **URL** or its length is greater than 2084.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceFault	An implementation-specific validation of *rawPartitionId* failed.
SecureStoreServiceFault	One or more target application field's name or **credentialType** member in the specified *applicationFields* parameter does not match with that of the existing target application fields.
SecureStoreServiceFault	The number of target application fields in the specified *applicationFields* parameter does not match the existing number of target application fields.
SecureStoreServiceFault	Change target application type between group target application and individual target application is not allowed.
SecureStoreServiceFault	The caller is not an administrator of the specified target application.
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the *applicationId* parameter cannot be found in the **SSS store**.

3.1.4.28.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_UpdateApplication_InputMessage	The request WSDL message for the **UpdateApplication WSDL operation**.
ISecureStoreServiceApplication_UpdateApplication_OutputMessage	The response WSDL message for the **UpdateApplication** WSDL operation.

3.1.4.28.1.1 ISecureStoreServiceApplication_UpdateApplication_InputMessage

The request **WSDL message** for the **UpdateApplication WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/UpdateApplication
```

The **SOAP body** contains the **UpdateApplication** element.

3.1.4.28.1.2 ISecureStoreServiceApplication_UpdateApplication_OutputMessage

The response **WSDL message** for the **UpdateApplication WSDL operation**.

The **SOAP body** contains the **UpdateApplicationResponse** element.

3.1.4.28.2   Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
UpdateApplication	The input data for the **UpdateApplication WSDL operation**.
UpdateApplicationResponse	The result data for the **UpdateApplication** WSDL operation.

3.1.4.28.2.1 UpdateApplication

The **UpdateApplication** element specifies the input data for the **UpdateApplication WSDL operation**.

```
<xs:element name="UpdateApplication" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="application" nillable="true" type="q1:TargetApplication"/>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="applicationFields" nillable="true"
type="q1:ArrayOfTargetApplicationField"/>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="applicationClaims" nillable="true" type="q1:TargetApplicationClaims"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target application** to be updated.

application: target application information.

applicationFields: List of **target application fields**.

applicationClaims: claims (2) associated with the target application.

3.1.4.28.2.2 UpdateApplicationResponse

The **UpdateApplicationResponse** element specifies the result data for the **UpdateApplication WSDL operation**.

```
<xs:element name="UpdateApplicationResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
```

3.1.4.28.3   Complex Types

None.

3.1.4.28.4   Simple Types

None.

3.1.4.28.5   Attributes

None.

3.1.4.28.6   Groups

None.

3.1.4.28.7   Attribute Groups

None.

3.1.4.29   CreateConnectionSettings

This operation is used to create a new connection settings object in the specified **SSS partition**.<23>

The following is the **WSDL** port type specification of the **CreateConnectionSettings WSDL operation**.

```
<wsdl:operation name="CreateConnectionSettings"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateConnectionSettings"
message="tns:ISecureStoreServiceApplication_CreateConnectionSettings_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateConnectionSettingsResponse"
message="tns:ISecureStoreServiceApplication_CreateConnectionSettings_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateConnectionSettingsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_CreateConnectionSettings_ArgumentExceptionFault_F
aultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
```

```
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateConnectionSettingsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_CreateConnectionSettings_ArgumentNullExceptionFau
lt FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateConnectionSettingsSecureStoreServiceConnectionSettingsAlreadyExistFau
ltFault" name="SecureStoreServiceConnectionSettingsAlreadyExistFaultFault"
message="tns:ISecureStoreServiceApplication_CreateConnectionSettings_SecureStoreServiceConnec
tionSettingsAlreadyExistFaultFault_FaultMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateConnectionSettingsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_CreateConnectionSettings_SecureStoreServiceFaultF
ault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_CreateConnectionSettings_InputMessage request message
and the protocol server MUST respond with an
ISecureStoreServiceApplication_CreateConnectionSettings_OutputMessage response
message.

When a connection settings object is created, the protocol client MUST specify an unique name, the
Target member in the specified *connectionSettings* parameter, and the type, as specified in section
2.2.5.6. If the **ConnectionSettingsType** is of **ODataMetadata**, the protocol client MUST specify a
ParentName for the connection settings object where the parent name is the name of another
connection settings object of the type **OData**.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.4.
If more than one error condition is encountered, the protocol server MUST respond with exactly one
error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentNullException	The specified *connectionSettings* parameter is NULL.
ArgumentNullException	The **Name** member in the specified *connectionSettings* parameter is NULL or empty.
ArgumentNullException	The **Target** member in the specified *connectionSettings* parameter is NULL or empty.
SecureStoreServiceConnectionSettingsAlreadyExistFault	The specified connection settings object already exists.
SecureStoreServiceFault	The specified *rawPartitionId* parameter is NULL or an implementation-specific validation of the *rawPartitionId* failed.
SecureStoreServiceFault	The caller failed an implementation-specific authorization check for creating the connection settings object.

3.1.4.29.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_CreateConnectionSettings_InputMessage	The request WSDL message for the **CreateConnectionSettings WSDL operation**.
ISecureStoreServiceApplication_CreateConnectionSettings_OutputMessage	The response WSDL message for the **CreateConnectionSettings** WSDL operation.

3.1.4.29.1.1 ISecureStoreServiceApplication_CreateConnectionSettings_InputMessage

The request **WSDL message** for the **CreateConnectionSettings WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplication/CreateConnectionSettings
```

The **SOAP body** contains the **CreateConnectionSettings** element.

3.1.4.29.1.2 ISecureStoreServiceApplication_CreateConnectionSettings_OutputMessage

The response **WSDL message** for the **CreateConnectionSettings WSDL operation**.

The **SOAP body** contains the **CreateConnectionSettingsResponse** element.

3.1.4.29.2   Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
CreateConnectionSettings	The input data for the **CreateConnectionSettings WSDL operation**.
CreateConnectionSettingsResponse	The result data for the **CreateConnectionSettings** WSDL operation.

3.1.4.29.2.1 CreateConnectionSettings

The **CreateConnectionSettings** element specifies the input data for the **CreateConnectionSettings WSDL operation**.

```
<xs:element name="CreateConnectionSettings" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
```

```
        <xs:sequence>
          <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
          <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" minOccurs="0" name="connectionSettings" nillable="true"
type="tns1:ConnectionSettings"/>
        </xs:sequence>
      </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the SSS partition in of the connection settings object to be created.

connectionSettings: The connection settings object to be created.

3.1.4.29.2.2 CreateConnectionSettingsResponse

The **CreateConnectionSettingsResponse** element specifies the result data for the **CreateConnectionSettings WSDL operation**.

```
    <xs:element name="CreateConnectionSettingsResponse"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
      <xs:complexType>
        <xs:sequence/>
      </xs:complexType>
</xs:element>
```

3.1.4.29.3 Complex Types

None.

3.1.4.29.4 Simple Types

None.

3.1.4.29.5 Attributes

None.

3.1.4.29.6 Groups

None.

3.1.4.29.7 Attribute Groups

None.

3.1.4.30 DeleteConnectionSettings

This operation is used to delete an existing connection settings object from the specified **SSS partition**.<24>

The following is the **WSDL** port type specification of the **DeleteConnectionSettings WSDL operation**.

```
<wsdl:operation name="DeleteConnectionSettings"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteConnectionSettings"
message="tns:ISecureStoreServiceApplication DeleteConnectionSettings InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteConnectionSettingsResponse"
message="tns:ISecureStoreServiceApplication DeleteConnectionSettings OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteConnectionSettingsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication DeleteConnectionSettings ArgumentExceptionFault F
aultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteConnectionSettingsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication DeleteConnectionSettings ArgumentNullExceptionFau
lt_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteConnectionSettingsConnectionSettingsNotFoundFaultFault"
name="ConnectionSettingsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication DeleteConnectionSettings ConnectionSettingsNotFou
ndFaultFault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteConnectionSettingsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteConnectionSettings_SecureStoreServiceFaultF
ault FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_DeleteConnectionSettings_InputMessage request message
and the protocol server MUST respond with an
ISecureStoreServiceApplication_DeleteConnectionSettings_OutputMessage response
message.

The protocol client MUST specify the unique name to identify the connection settings object and the
object must be present in the SSS partition.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentNullException	The *name* parameter is NULL or empty.
ConnectionSettingsNotFoundFault	The specified connection settings object does not exist.
SecureStoreServiceFault	The specified *rawPartitionId* parameter is NULL or an implementation-specific validation of the *rawPartitionId* failed.

Error Complex Type	Condition
SecureStoreServiceFault	The caller failed an implementation-specific authorization check for deleting the connection settings object.

3.1.4.30.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_DeleteConnectionSettings_InputMessage	The request WSDL message for the **DeleteConnectionSettings WSDL operation**.
ISecureStoreServiceApplication_DeleteConnectionSettings_OutputMessage	The response WSDL message for the **DeleteConnectionSettings** WSDL operation.

3.1.4.30.1.1   ISecureStoreServiceApplication_DeleteConnectionSettings_InputMessage

The request **WSDL message** for the **DeleteConnectionSettings WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplication/DeleteConnectionSettings
```

The **SOAP body** contains the **DeleteConnectionSettings** element.

3.1.4.30.1.2   ISecureStoreServiceApplication_DeleteConnectionSettings_OutputMessage

The response **WSDL message** for the **DeleteConnectionSettings WSDL operation**.

The **SOAP body** contains the **DeleteConnectionSettingsResponse** element.

3.1.4.30.2   Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
DeleteConnectionSettings	The input data for the **DeleteConnectionSettings WSDL operation**.
DeleteConnectionSettingsResponse	The result data for the **DeleteConnectionSettings** WSDL operation.

3.1.4.30.2.1 DeleteConnectionSettings

The **DeleteConnectionSettings** element specifies the input data for the **DeleteConnectionSettings WSDL operation**.

```
<xs:element name="DeleteConnectionSettings" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="name" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the connection settings to be deleted.

name: The name of the **connection**. It MUST be between 1 and 256 characters, inclusive, in length.

3.1.4.30.2.2 DeleteConnectionSettingsResponse

The **DeleteConnectionSettingsResponse** element specifies the result data for the **DeleteConnectionSettings WSDL operation**.

```
<xs:element name="DeleteConnectionSettingsResponse"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
```

3.1.4.30.3   Complex Types

None.

3.1.4.30.4   Simple Types

None.

3.1.4.30.5   Attributes

None.

3.1.4.30.6   Groups

None.

3.1.4.30.7   Attribute Groups

None.

3.1.4.31   GetAllConnectionSettings

This operation is used to fetch all the connection settings object, of the specified type, in the specified **SSS partition**.<25>

The following is the **WSDL** port type specification of the **GetAllConnectionSettings WSDL operation**.

```
<wsdl:operation name="GetAllConnectionSettings"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetAllConnectionSettings"
message="tns:ISecureStoreServiceApplication_GetAllConnectionSettings_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetAllConnectionSettingsResponse"
message="tns:ISecureStoreServiceApplication GetAllConnectionSettings OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetAllConnectionSettingsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication GetAllConnectionSettings ArgumentExceptionFault F
aultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetAllConnectionSettingsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetAllConnectionSettings_ArgumentNullExceptionFau
lt_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetAllConnectionSettingsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetAllConnectionSettings_SecureStoreServiceFaultF
ault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_GetAllConnectionSettings_InputMessage request message
and the protocol server MUST respond with an
ISecureStoreServiceApplication_GetAllConnectionSettings_OutputMessage response
message.

Returns all the connection settings object with the specified *type* parameter, in the specified SSS
partition.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
SecureStoreServiceFault	The specified *rawPartitionId* parameter is NULL or an implementation-specific validation of the *rawPartitionId* failed.
SecureStoreServiceFault	The caller failed an implementation-specific authorization check for getting the connection settings object.

3.1.4.31.1 Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_GetAllConnectionSettings_InputMessage	The request WSDL message for the **GetAllConnectionSettings WSDL operation**.
ISecureStoreServiceApplication_GetAllConnectionSettings_OutputMessage	The response WSDL message for the **GetAllConnectionSettings** WSDL operation.

3.1.4.31.1.1 ISecureStoreServiceApplication_GetAllConnectionSettings_InputMessage

The request **WSDL message** for the **GetAllConnectionSettings WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplication/GetAllConnectionSettings
```

The **SOAP body** contains the **GetAllConnectionSettings** element.

3.1.4.31.1.2 ISecureStoreServiceApplication_GetAllConnectionSettings_OutputMessage

The response **WSDL message** for the **GetAllConnectionSettings WSDL operation**.

The **SOAP body** contains the **GetAllConnectionSettingsResponse** element.

3.1.4.31.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
GetAllConnectionSettings	The input data for the **GetAllConnectionSettings WSDL operation**.
GetAllConnectionSettingsResponse	The result data for the **GetAllConnectionSettings** WSDL operation.

3.1.4.31.2.1 GetAllConnectionSettings

The **GetAllConnectionSettings** element specifies the input data for the **GetAllConnectionSettings WSDL operation**.

```
<xs:element name="GetAllConnectionSettings" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
```

```
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" minOccurs="0" name="type" type="tns1:ConnectionSettingsType"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the connection settings objects to be fetched.

type: The **ConnectionSettingsType** of the objects to be fetched as specified in section 2.2.5.6

3.1.4.31.2.2 GetAllConnectionSettingsResponse

The **GetAllConnectionSettingsResponse** element specifies the result data for the **GetAllConnectionSettings WSDL operation**.

```
<xs:element name="GetAllConnectionSettingsResponse"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" minOccurs="0" name="GetAllConnectionSettingsResult" nillable="true"
type="tns1:ArrayOfConnectionSettings"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

GetAllConnectionSettingsResult: The list of **endpoint (4)** information for all or specified *type* parameter that can be accessed by the caller in the specified **SSS partition**.

3.1.4.31.3   Complex Types

The following table summarizes the **XML schema** complex type definitions that are specific to this operation.

Complex type	Description
ArrayOfConnectionSettings	The **array** of **endpoint (4)** information in the **ConnectionSettings** complex type as specified in section 2.2.4.19

3.1.4.31.3.1 ArrayOfConnectionSettings

Namespace:
http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.SecureStore

The list of **ConnectionSettings** complex type as specified in section 2.2.4.19

```
<xs:complexType name="ArrayOfConnectionSettings" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="ConnectionSettings" nillable="true"
type="tns1:ConnectionSettings"/>
  </xs:sequence>
```

```
    </xs:complexType>
```

ConnectionSettings: The **ConnectionSettings** complex type as specified in section 2.2.4.19

3.1.4.31.4   Simple Types

None.

3.1.4.31.5   Attributes

None.

3.1.4.31.6   Groups

None.

3.1.4.31.7   Attribute Groups

None.

3.1.4.32   GetChildConnectionSettings

This operation is used to fetch the connection settings object of the specified parent name in the specified **SSS partition**.<26>

The following is the **WSDL** port type specification of the **GetChildConnectionSettings WSDL operation**.

```
<wsdl:operation name="GetChildConnectionSettings"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChildConnectionSettings"
message="tns:ISecureStoreServiceApplication_GetChildConnectionSettings_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChildConnectionSettingsResponse"
message="tns:ISecureStoreServiceApplication_GetChildConnectionSettings_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChildConnectionSettingsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetChildConnectionSettings_ArgumentExceptionFault
_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChildConnectionSettingsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetChildConnectionSettings_ArgumentNullExceptionF
ault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChildConnectionSettingsConnectionSettingsNotFoundFaultFault"
name="ConnectionSettingsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetChildConnectionSettings_ConnectionSettingsNotF
oundFaultFault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChildConnectionSettingsSecureStoreServiceFaultFault"
```

```
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication GetChildConnectionSettings SecureStoreServiceFaul
tFault FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_GetChildConnectionSettings_InputMessage request message
and the protocol server MUST respond with an
ISecureStoreServiceApplication_GetChildConnectionSettings_OutputMessage response
message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentNullException	The *parentName* parameter is NULL or empty.
SecureStoreServiceFault	The specified *rawPartitionId* parameter is NULL or an implementation-specific validation of the *rawPartitionId* failed.
SecureStoreServiceFault	The caller failed an implementation-specific authorization check for getting the connection settings object.

3.1.4.32.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this
operation.

Message	Description
ISecureStoreServiceApplication_GetChildConnectionSettings_InputMess age	The request WSDL message for the **GetChildConnectionSettin gs WSDL operation**.
ISecureStoreServiceApplication_GetChildConnectionSettings_OutputMes sage	The response WSDL message for the **GetChildConnectionSettin gs** WSDL operation.

3.1.4.32.1.1 ISecureStoreServiceApplication_GetChildConnectionSettings_InputMess age

The request **WSDL message** for the **GetChildConnectionSettings WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/GetChildConnectionSettings
```

The **SOAP body** contains the **GetChildConnectionSettings** element.

3.1.4.32.1.2 ISecureStoreServiceApplication_GetChildConnectionSettings_OutputMessage

The response **WSDL message** for the **GetChildConnectionSettings WSDL operation**.

The **SOAP body** contains the **GetChildConnectionSettingsResponse** element.

3.1.4.32.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
GetChildConnectionSettings	The input data for the **GetChildConnectionSettings WSDL operation**.
GetChildConnectionSettingsResponse	The result data for the **GetChildConnectionSettings** WSDL operation.

3.1.4.32.2.1 GetChildConnectionSettings

The **GetChildConnectionSettings** element specifies the input data for the **GetChildConnectionSettings WSDL operation**.

```
<xs:element name="GetChildConnectionSettings" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="parentName" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the SSS partition of the **connection** settings.

parentName: The name of parent connection settings. It MUST be between 1 and 256 characters, inclusive, in length.

3.1.4.32.2.2 GetChildConnectionSettingsResponse

The **GetChildConnectionSettingsResponse** element specifies the result data for the **GetChildConnectionSettings WSDL operation**.

```
<xs:element name="GetChildConnectionSettingsResponse"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
```

```
ureStore" minOccurs="0" name="GetChildConnectionSettingsResult" nillable="true"
type="tns1:ConnectionSettings"/>
      </xs:sequence>
   </xs:complexType>
</xs:element>
```

GetChildConnectionSettingsResult: endpoint (4) information for specified parentName parameter in the specified **SSS partition**.

3.1.4.32.3 Complex Types

None.

3.1.4.32.4 Simple Types

None.

3.1.4.32.5 Attributes

None.

3.1.4.32.6 Groups

None.

3.1.4.32.7 Attribute Groups

None.

3.1.4.33 GetConnectionSettings

This operation is used to fetch the connection settings object for the specified name in the specified **SSS partition**.<27> The **credentials** to connect to the **target application** and its proxy are also retrieved if the parameter to include them is specified.

The following is the **WSDL** port type specification of the **GetConnectionSettings WSDL operation**.

```
<wsdl:operation name="GetConnectionSettings" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetConnectionSettings"
message="tns:ISecureStoreServiceApplication_GetConnectionSettings_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetConnectionSettingsResponse"
message="tns:ISecureStoreServiceApplication_GetConnectionSettings_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetConnectionSettingsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetConnectionSettings_ArgumentExceptionFault_Faul
tMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetConnectionSettingsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetConnectionSettings_ArgumentNullExceptionFault_
FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
```

```
erviceApplication/GetConnectionSettingsConnectionSettingsNotFoundFaultFault"
name="ConnectionSettingsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetConnectionSettings_ConnectionSettingsNotFoundF
aultFault FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetConnectionSettingsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetConnectionSettings_SecureStoreServiceFaultFaul
t FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_GetConnectionSettings_InputMessage request message and
the protocol server MUST respond with an
ISecureStoreServiceApplication_GetConnectionSettings_OutputMessage response message.

If the protocol client sets the *includeCredentials* parameter, then the protocol server MUST try to fetch
the credentials associated with the target application information in the connection settings object.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section
2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with
exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentNullException	The *name* parameter is NULL or empty.
SecureStoreServiceFault	The specified *rawPartitionId* parameter is NULL or an implementation-specific validation of the *rawPartitionId* failed.
SecureStoreServiceFault	The caller failed an implementation-specific authorization check for getting the connection settings object.

3.1.4.33.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this
operation.

Message	Description
ISecureStoreServiceApplication_GetConnectionSettings_InputMessage	The request WSDL message for the **GetConnectionSettings WSDL operation**.
ISecureStoreServiceApplication_GetConnectionSettings_OutputMessage	The response WSDL message for the **GetConnectionSettings** WSDL operation.

3.1.4.33.1.1 ISecureStoreServiceApplication_GetConnectionSettings_InputMessage

The request **WSDL message** for the **GetConnectionSettings WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/GetConnectionSettings
```

The **SOAP body** contains the **GetConnectionSettings** element.

3.1.4.33.1.2 ISecureStoreServiceApplication_GetConnectionSettings_OutputMessage

The response **WSDL message** for the **GetConnectionSettings WSDL operation**.

The **SOAP body** contains the **GetConnectionSettingsResponse** element.

3.1.4.33.2 Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
GetConnectionSettings	The input data for the **GetConnectionSettings WSDL operation**.
GetConnectionSettingsResponse	The result data for the **GetConnectionSettings** WSDL operation.

3.1.4.33.2.1 GetConnectionSettings

The **GetConnectionSettings** element specifies the input data for the **GetConnectionSettings WSDL operation**.

```
<xs:element name="GetConnectionSettings" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element minOccurs="0" name="name" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="includeCredentials" type="xs:boolean"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the connection settings object.

name: The name of the connection settings object. It MUST be between 1 and 256 characters, inclusive, in length.

includeCredentials: A **Boolean** that indicates if the credentials are to be fetched with the **endpoint (4)** information.

3.1.4.33.2.2 GetConnectionSettingsResponse

The **GetConnectionSettingsResponse** element specifies the result data for the **GetConnectionSettings WSDL operation**.

```
<xs:element name="GetConnectionSettingsResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
```

```
      <xs:complexType>
        <xs:sequence>
          <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" minOccurs="0" name="GetConnectionSettingsResult" nillable="true"
type="tns1:ConnectionSettings"/>
          <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="targetCredentials" nillable="true"
type="q1:ArrayOfSerializableSecureStoreCredential"/>
          <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="proxyCredentials" nillable="true"
type="q1:ArrayOfSerializableSecureStoreCredential"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
```

GetConnectionSettingsResult: endpoint (4) information in the **ConnectionSettings** complex type format.

targetCredentials: The **credentials** of the caller for the **target application** associated with the specified connection settings object.

proxyCredentials: The credentials of the caller for the target application associated with the proxy of the specified connection settings object.

3.1.4.33.3   Complex Types

None.

3.1.4.33.4   Simple Types

None.

3.1.4.33.5   Attributes

None.

3.1.4.33.6   Groups

None.

3.1.4.33.7   Attribute Groups

None.

3.1.4.34   UpdateConnectionSettings

This operation is used to update an existing connection settings object in the specified **SSS partition**.<28>

The following is the **WSDL** port type specification of the **UpdateConnectionSettings WSDL operation**.

```
    <wsdl:operation name="UpdateConnectionSettings"
    xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
      <wsdl:input
    wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
    erviceApplication/UpdateConnectionSettings"
```

```
message="tns:ISecureStoreServiceApplication_UpdateConnectionSettings_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
   <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateConnectionSettingsResponse"
message="tns:ISecureStoreServiceApplication_UpdateConnectionSettings_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
   <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateConnectionSettingsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_UpdateConnectionSettings_ArgumentExceptionFault_F
aultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
   <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateConnectionSettingsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_UpdateConnectionSettings_ArgumentNullExceptionFau
lt_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
   <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateConnectionSettingsConnectionSettingsNotFoundFaultFault"
name="ConnectionSettingsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_UpdateConnectionSettings_ConnectionSettingsNotFou
ndFaultFault FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
   <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateConnectionSettingsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_UpdateConnectionSettings_SecureStoreServiceFaultF
ault_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_UpdateConnectionSettings_InputMessage request message
and the protocol server MUST respond with an
ISecureStoreServiceApplication_UpdateConnectionSettings_OutputMessage response
message.

When a connection settings object is updated, the protocol client MUST specify the name of an
existing connection settings object, the **Target** member in the specified *connectionSettings* parameter
and the type, as specified in section 2.2.5.6. If the **ConnectionSettingsType** is of **ODataMetadata**,
the protocol client MUST specify a **ParentName** for the connection settings object where the parent
name is the name of another connection settings object of the type **OData**.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.4. If
more than one error condition is encountered, the protocol server MUST respond with exactly one
error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentNullException	The specified *connectionSettings* parameter is NULL.
ArgumentNullException	The **Name** member in the specified *connectionSettings* parameter is NULL or empty.
ArgumentNullException	The **Target** member in the specified *connectionSettings* parameter is NULL or empty.
ConnectionSettingsNotFoundFault	The specified connection settings object does not exist.

Error Complex Type	Condition
SecureStoreServiceFault	The specified *rawPartitionId* parameter is NULL or an implementation-specific validation of the *rawPartitionId* failed.
SecureStoreServiceFault	The caller failed an implementation-specific authorization check for updating the connection settings object.

3.1.4.34.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_UpdateConnectionSettings_InputMessage	The request WSDL message for the **UpdateConnectionSettings WSDL operation**.
ISecureStoreServiceApplication_UpdateConnectionSettings_OutputMessage	The response WSDL message for the **UpdateConnectionSettings** WSDL operation.

3.1.4.34.1.1 ISecureStoreServiceApplication_UpdateConnectionSettings_InputMessage

The request **WSDL message** for the **UpdateConnectionSettings WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/UpdateConnectionSettings
```

The **SOAP body** contains the **UpdateConnectionSettings** element.

3.1.4.34.1.2 ISecureStoreServiceApplication_UpdateConnectionSettings_OutputMessage

The response **WSDL message** for the **UpdateConnectionSettings WSDL operation**.

The **SOAP body** contains the **UpdateConnectionSettingsResponse** element.

3.1.4.34.2   Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
UpdateConnectionSettings	The input data for the **UpdateConnectionSettings WSDL**

Element	Description
	operation.
UpdateConnectionSettingsResponse	The result data for the **UpdateConnectionSettings** WSDL operation.

3.1.4.34.2.1 UpdateConnectionSettings

The **UpdateConnectionSettings** element specifies the input data for the **UpdateConnectionSettings WSDL operation**.

```
<xs:element name="UpdateConnectionSettings" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" minOccurs="0" name="connectionSettings" nillable="true"
type="tns1:ConnectionSettings"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **connection** settings.

connectionSettings: The connection settings object, based on the complex type described in section 2.2.4.19 , with the updated values for the members.

3.1.4.34.2.2 UpdateConnectionSettingsResponse

The **UpdateConnectionSettingsResponse** element specifies the result data for the **UpdateConnectionSettings WSDL operation**.

```
<xs:element name="UpdateConnectionSettingsResponse"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
```

3.1.4.34.3   Complex Types

None.

3.1.4.34.4   Simple Types

None.

3.1.4.34.5   Attributes

None.

3.1.4.34.6   Groups

None.

3.1.4.34.7   Attribute Groups

None.

3.1.4.35   GetSystemApplications

This operation is used to retrieve the information for all the **target applications** that can be accessed by the caller in the specified **SSS partition**. The target applications that can be accessed by the caller MUST include all the **group target applications** in the specified SSS partition where the caller is a member of the group target application and all the **individual target applications** in the specified SSS partition.

The following is the **WSDL** port type specification of the **GetSystemApplications WSDL operation**.

```
<wsdl:operation name="GetSystemApplications" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetSystemApplications"
message="tns:ISecureStoreServiceApplication_GetSystemApplications_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetSystemApplicationsResponse"
message="tns:ISecureStoreServiceApplication_GetSystemApplications_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetSystemApplicationsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetSystemApplications_SecureStoreServiceFaultFaul
t_FaultMessage" xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **ISecureStoreServiceApplication_GetSystemApplications_InputMessage** request message and the protocol server MUST respond with an **ISecureStoreServiceApplication_GetSystemApplications_OutputMessage** response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a **SOAP fault** containing the corresponding error complex type, serialized as specified in section 2.2.2.1. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
SecureStoreServiceFault	An implementation specific authorization check for retrieving all the target applications failed.
SecureStoreServiceFault	The protocol server does not have a **master secret key**.
SecureStoreServiceFault	An implementation specific validation of *rawPartitionId* failed.

3.1.4.35.1   Messages

The following table summarizes the set of **WSDL message** definitions that are specific to this operation.

Message	Description
ISecureStoreServiceApplication_GetSystemApplications_InputMessage	The request WSDL message for the **GetSystemApplications** **WSDL operation**.
ISecureStoreServiceApplication_GetSystemApplications_OutputMessage	The response WSDL message for the **GetSystemApplications** WSDL operation.

3.1.4.35.1.1 ISecureStoreServiceApplication_GetSystemApplications_InputMessage

The request **WSDL message** for the **GetSystemApplications** **WSDL operation**.

The **SOAP action** value is:

```
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreServiceApplica
tion/GetSystemApplications
```

The **SOAP body** contains the **GetSystemApplications** element.

3.1.4.35.1.2 ISecureStoreServiceApplication_GetSystemApplications_OutputMessage

The response **WSDL message** for the **GetSystemApplications** **WSDL operation**.

The **SOAP body** contains the **GetSystemApplicationsResponse** element.

3.1.4.35.2   Elements

The following table summarizes the **XML schema** element definitions that are specific to this operation.

Element	Description
GetSystemApplications	The input data for the **GetSystemApplications** **WSDL operation**.
GetSystemApplicationsResponse	The result data for the **GetSystemApplications** WSDL operation.

3.1.4.35.2.1 GetSystemApplications

The **GetSystemApplications** element specifies the input data for the **GetSystemApplications** **WSDL operation**.

```
<xs:element name="GetSystemApplications" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A **GUID** that identifies the **SSS partition** of the **target applications**.

3.1.4.35.2.2 GetSystemApplicationsResponse

The **GetSystemApplicationsResponse** element specifies the result data for the
GetSystemApplications WSDL operation.

```
<xs:element name="GetSystemApplicationsResponse" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetSystemApplicationsResult" nillable="true"
type="q1:ArrayOfTargetApplication"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

GetSystemApplicationsResult: The list of **target applications** in the specified **SSS partition**.

3.1.4.35.3   Complex Types

None.

3.1.4.35.4   Simple Types

None.

3.1.4.35.5   Attributes

None.

3.1.4.35.6   Groups

None.

3.1.4.35.7   Attribute Groups

None.

3.1.5 Timer Events

None.

3.1.6 Other Local Events

None.

4   Protocol Examples

The following examples describe the process of communication between the protocol server and protocol client. In conjunction with the protocol specification in this document, this information is intended to provide a comprehensive view on how the protocol client operates with the protocol server when executing such an operation. The examples in this section manipulate target application and user claims for target application. However, the principals illustrated apply equally to other protocols described in this document.

4.1   Obtaining Information About the Applications in a Partition

This example describes the requests that are made to get all the target applications in a given partition. The server protocol will respond with a list that contains the target application name, contact e-mail, target application friendly name and type of application.

The protocol client calls **GetApplications** method on a protocol server named "server.contoso.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
        <Method>POST</Method>
        <QueryString></QueryString>
        <WebHeaders>
            <Content-Length>104184</Content-Length>
            <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
            <Expect>100-continue</Expect>
            <Host>server.contoso.com:32843</Host>
        </WebHeaders>
    </HttpRequest>
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/GetApplications</a:Action>
            <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:de926b3e-2a5d-47b9-9756-
33aa6c83079a</a:MessageID>
            <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
                <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
            </a:ReplyTo>
            <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
            <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                <u:Timestamp u:Id="uuid-39b1ee97-aa35-461f-8ae4-133166c01323-14604"
xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
                    <u:Created>2009-05-29T03:30:34.120Z</u:Created>
                    <u:Expires>2009-05-29T03:35:34.120Z</u:Expires>
                </u:Timestamp>
                <saml:Assertion MajorVersion="1" MinorVersion="1" AssertionID="_25c147ea-3b68-
4edd-af84-f8bf4c0a004e" Issuer="STS" IssueInstant="2009-05-29T03:30:34.085Z"
xmlns:saml="urn:oasis:names:tc:SAML:1.0:assertion">
                    <saml:Conditions NotBefore="2009-05-29T03:30:34.070Z" NotOnOrAfter="2009-05-
29T13:30:34.070Z">
                        <saml:AudienceRestrictionCondition>
```

```
<saml:Audience>http://server.contoso.com:32843/ad004cd209134aecaf4d241a7f56e3ce/SecureStoreSe
rvice.svc</saml:Audience>
                    </saml:AudienceRestrictionCondition>
                </saml:Conditions>
                <saml:AttributeStatement>
                    <saml:Subject>
                        <saml:SubjectConfirmation>
                        <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:holder-of-
key</saml:ConfirmationMethod>
                        <KeyInfo xmlns="http://www.w3.org/2000/09/xmldsig#">
                            <e:EncryptedKey xmlns:e="http://www.w3.org/2001/04/xmlenc#">
                                <e:EncryptionMethod
Algorithm="http://www.w3.org/2001/04/xmlenc#rsa-oaep-mgf1p">
                                    <DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"></DigestMethod>
                                </e:EncryptionMethod>
                                <KeyInfo>
                                    <o:SecurityTokenReference xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                                        <X509Data>
                                            <X509IssuerSerial>
                                            <X509IssuerName>CN=localhost, OU=SharePoint,
O=Contoso</X509IssuerName>

<X509SerialNumber>63097498714032793087967156244734152726</X509SerialNumber>
                                            </X509IssuerSerial>
                                        </X509Data>
                                    </o:SecurityTokenReference>
                                </KeyInfo>
                                <e:CipherData>
                                    <e:CipherValue><!-- Removed--></e:CipherValue>
                                </e:CipherData>
                            </e:EncryptedKey>
                        </KeyInfo>
                        </saml:SubjectConfirmation>
                    </saml:Subject>
                    <saml:Attribute AttributeName="primarysid"
AttributeNamespace="http://schemas.microsoft.com/ws/2008/06/identity/claims"
a:OriginalIssuer="Windows" xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
                        <saml:AttributeValue>
                            <!-- Removed-->
                        </saml:AttributeValue>
                    </saml:Attribute>
                    <saml:Attribute AttributeName="primarygroupsid"
AttributeNamespace="http://schemas.microsoft.com/ws/2008/06/identity/claims"
a:OriginalIssuer="Windows" xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
                        <saml:AttributeValue>
                            <!-- Removed-->
                        </saml:AttributeValue>
                    </saml:Attribute>
                    <saml:Attribute AttributeName="groupsid"
AttributeNamespace="http://schemas.microsoft.com/ws/2008/06/identity/claims"
a:OriginalIssuer="Windows" xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
                        <saml:AttributeValue>
                            <!-- Removed-->
                        </saml:AttributeValue>
                    </saml:Attribute>
                    <saml:Attribute AttributeName="userlogonname"
AttributeNamespace="http://schemas.microsoft.com/sharepoint/2009/08/claims"
a:OriginalIssuer="Windows" xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
                        <saml:AttributeValue>
                            <!-- Removed-->
                        </saml:AttributeValue>
                    </saml:Attribute>
                    <saml:Attribute AttributeName="userid"
AttributeNamespace="http://schemas.microsoft.com/sharepoint/2009/08/claims"
a:OriginalIssuer="SecurityTokenService"
xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
```

```
                            <saml:AttributeValue>
                                <!-- Removed-->
                            </saml:AttributeValue>
                        </saml:Attribute>
                        <saml:Attribute AttributeName="identityprovider"
AttributeNamespace="http://schemas.microsoft.com/sharepoint/2009/08/claims">
                            <saml:AttributeValue>
                                <!-- Removed-->
                            </saml:AttributeValue>
                        </saml:Attribute>
                        <saml:Attribute AttributeName="farmid"
AttributeNamespace="http://schemas.microsoft.com/sharepoint/2009/08/claims"
a:OriginalIssuer="ClaimProvider:System"
xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
                            <saml:AttributeValue>
                                <!-- Removed-->
                            </saml:AttributeValue>
                        </saml:Attribute>
                        <saml:Attribute AttributeName="handle"
AttributeNamespace="http://schemas.microsoft.com/sharepoint/2009/08/claims/windowstoken"
a:OriginalIssuer="ClaimProvider:System"
xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
                            <saml:AttributeValue>
                                <!-- Removed-->
                            </saml:AttributeValue>
                        </saml:Attribute>
                        <saml:Attribute AttributeName="processid"
AttributeNamespace="http://sharepoint.microsoft.com/claims/2009/01/windowstoken"
a:OriginalIssuer="ClaimProvider:System"
xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
                            <saml:AttributeValue>
                                <!-- Removed-->
                            </saml:AttributeValue>
                        </saml:Attribute>
                        <saml:Attribute AttributeName="processidentitylogonname"
AttributeNamespace="http://schemas.microsoft.com/sharepoint/2009/08/claims"
a:OriginalIssuer="ClaimProvider:System"
xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
                            <saml:AttributeValue>
                                <!-- Removed-->
                            </saml:AttributeValue>
                        </saml:Attribute>
                        <saml:Attribute AttributeName="processidentitysid"
AttributeNamespace="http://schemas.microsoft.com/sharepoint/2009/08/claims"
a:OriginalIssuer="ClaimProvider:System"
xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
                            <saml:AttributeValue>
                                <!-- Removed-->
                            </saml:AttributeValue>
                        </saml:Attribute>
                        <saml:Attribute AttributeName="name"
AttributeNamespace="http://schemas.xmlsoap.org/ws/2005/05/identity/claims">
                            <saml:AttributeValue>
                                <!-- Removed-->
                            </saml:AttributeValue>
                        </saml:Attribute>
                        <saml:Attribute AttributeName="actingas"
AttributeNamespace="http://schemas.microsoft.com/ws/2008/06/identity/claims">
                            <saml:AttributeValue>
                                <!-- Removed-->
                            </saml:AttributeValue>
                        </saml:Attribute>
                    </saml:AttributeStatement>
                    <ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
                        <ds:SignedInfo>
                        <ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></ds:CanonicalizationMethod>
                        <ds:SignatureMethod Algorithm="http://www.w3.org/2000/09/xmldsig#rsa-
sha1"></ds:SignatureMethod>
```

```
                    <ds:Reference URI="# 25c147ea-3b68-4edd-af84-f8bf4c0a004e">
                        <ds:Transforms>
                            <ds:Transform
Algorithm="http://www.w3.org/2000/09/xmldsig#enveloped-signature"></ds:Transform>
                            <ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></ds:Transform>
                        </ds:Transforms>
                        <ds:DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"></ds:DigestMethod>
                        <ds:DigestValue><!-- Removed--></ds:DigestValue>
                    </ds:Reference>
                </ds:SignedInfo>
                <ds:SignatureValue><!-- Removed--></ds:SignatureValue>
                <KeyInfo xmlns="http://www.w3.org/2000/09/xmldsig#">
                    <X509Data>
                        <X509Certificate><!-- Removed--></X509Certificate>
                    </X509Data>
                </KeyInfo>
            </ds:Signature>
        </saml:Assertion>
        <c:DerivedKeyToken u:Id="_0" xmlns:c="http://schemas.xmlsoap.org/ws/2005/02/sc"
xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
            <o:SecurityTokenReference>
                <o:KeyIdentifier ValueType="http://docs.oasis-open.org/wss/oasis-wss-saml-
token-profile-1.0#SAMLAssertionID">_25c147ea-3b68-4edd-af84-f8bf4c0a004e</o:KeyIdentifier>
            </o:SecurityTokenReference>
            <c:Offset>0</c:Offset>
            <c:Length>24</c:Length>
            <c:Nonce>
                <!-- Removed-->
            </c:Nonce>
        </c:DerivedKeyToken>
        <c:DerivedKeyToken u:Id="_1" xmlns:c="http://schemas.xmlsoap.org/ws/2005/02/sc"
xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
            <o:SecurityTokenReference>
                <o:KeyIdentifier ValueType="http://docs.oasis-open.org/wss/oasis-wss-saml-
token-profile-1.0#SAMLAssertionID">_25c147ea-3b68-4edd-af84-f8bf4c0a004e</o:KeyIdentifier>
            </o:SecurityTokenReference>
            <c:Nonce>
                <!-- Removed-->
            </c:Nonce>
        </c:DerivedKeyToken>
        <e:ReferenceList xmlns:e="http://www.w3.org/2001/04/xmlenc#">
            <e:DataReference URI="#_3"></e:DataReference>
            <e:DataReference URI="#_8"></e:DataReference>
        </e:ReferenceList>
        <Signature xmlns="http://www.w3.org/2000/09/xmldsig#">
            <SignedInfo>
                <CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></CanonicalizationMethod>
                <SignatureMethod Algorithm="http://www.w3.org/2000/09/xmldsig#hmac-
sha1"></SignatureMethod>
                <Reference URI="#_2">
                    <Transforms>
                        <Transform Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></Transform>
                    </Transforms>
                    <DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"></DigestMethod>
                    <DigestValue><!-- Removed--></DigestValue>
                </Reference>
                <Reference URI="#_4">
                    <Transforms>
                        <Transform Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></Transform>
                    </Transforms>
                    <DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"></DigestMethod>
                    <DigestValue><!-- Removed--></DigestValue>
```

```
                        </Reference>
                        <Reference URI="#_5">
                           <Transforms>
                              <Transform Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></Transform>
                           </Transforms>
                           <DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"></DigestMethod>
                           <DigestValue><!-- Removed--></DigestValue>
                        </Reference>
                        <Reference URI="#_6">
                           <Transforms>
                              <Transform Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></Transform>
                           </Transforms>
                           <DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"></DigestMethod>
                           <DigestValue><!-- Removed--></DigestValue>
                        </Reference>
                        <Reference URI="#_7">
                           <Transforms>
                              <Transform Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></Transform>
                           </Transforms>
                           <DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"></DigestMethod>
                           <DigestValue><!-- Removed--></DigestValue>
                        </Reference>
                        <Reference URI="#uuid-39b1ee97-aa35-461f-8ae4-133166c01323-14604">
                           <Transforms>
                              <Transform Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></Transform>
                           </Transforms>
                           <DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"></DigestMethod>
                           <DigestValue><!-- Removed--></DigestValue>
                        </Reference>
                     </SignedInfo>
                     <SignatureValue><!-- Removed--></SignatureValue>
                     <KeyInfo>
                        <o:SecurityTokenReference xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                           <o:Reference URI="#_0"></o:Reference>
                        </o:SecurityTokenReference>
                     </KeyInfo>
                  </Signature>
               </o:Security>
         </s:Header>
         <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
            <GetApplications
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
               <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
            </GetApplications>
         </s:Body>
      </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
   <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
      <s:Header>
```

```
              <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/GetApplicationsResponse</a:Action>
        </s:Header>
        <s:Body>
            <GetApplicationsResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <GetApplicationsResult
xmlns:d4p1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Serve
r" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                    <d4p1:TargetApplication>
                        <d4p1:appId>MyTargetApplication</d4p1:appId>
                        <d4p1:contactEmail>contactAdmin@contoso.com</d4p1:contactEmail>

<d4p1:credentialManagementUrl>http://contoso.com/credentials.aspx</d4p1:credentialManagementU
rl>
                        <d4p1:friendlyName>My Target Application</d4p1:friendlyName>
                        <d4p1:ticketTimeout>2</d4p1:ticketTimeout>
                        <d4p1:type>Individual</d4p1:type>
                    </d4p1:TargetApplication>
                </GetApplicationsResult>
            </GetApplicationsResponse>
        </s:Body>
    </s:Envelope>
</Message>
```

4.2   Obtaining Information About an Application

This example describes the requests that are made to get the details of the target application with the target application name "MyTargetApplication". Note that the details do not contain the field information or the application claims information. Refer to the proper examples to get the application fields and the application claims.

The protocol client calls **GetApplication** method on a protocol server named "server.contoso.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
        <Method>POST</Method>
        <QueryString></QueryString>
        <WebHeaders>
            <Content-Length>104223</Content-Length>
            <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
            <Expect>100-continue</Expect>
            <Host>server.contoso.com:32843</Host>
        </WebHeaders>
    </HttpRequest>
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action s:mustUnderstand="1" u:Id=" 4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/GetApplication</a:Action>
            <a:MessageID u:Id=" 5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:21123c2a-f2ed-467e-8275-
95a963debae7</a:MessageID>
            <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
                <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
            </a:ReplyTo>
```

```
            <a:To s:mustUnderstand="1" u:Id=" 7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
            <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                <!-- This section is same as the preceding Example 1. -->
            </o:Security>
        </s:Header>
        <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
            <GetApplication
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
                <applicationId>MyTargetApplication</applicationId>
            </GetApplication>
        </s:Body>
    </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/GetApplicationResponse</a:Action>
        </s:Header>
        <s:Body>
            <GetApplicationResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <GetApplicationResult
xmlns:d4p1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Serve
r" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                    <d4p1:appId>targetapp</d4p1:appId>
                    <d4p1:contactEmail>contactAdmin@contoso.com</d4p1:contactEmail>

<d4p1:credentialManagementUrl>http://contoso.com/credentials.aspx</d4p1:credentialManagementU
rl>
                    <d4p1:friendlyName>Display Name23</d4p1:friendlyName>
                    <d4p1:ticketTimeout>2</d4p1:ticketTimeout>
<d4p1:type>Individual</d4p1:type>
                </GetApplicationResult>
            </GetApplicationResponse>
        </s:Body>
    </s:Envelope>
</Message>
```

4.3   Retrieving the Application Fields of an Application

This example describes the requests that are made to get the application fields of the target
application with the target application name "MyTargetApplication".

The protocol client calls **GetApplicationFields** method on a protocol server named
"server.contoso.com".

Protocol request:

```
<Message>
```

```
        <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
          <Method>POST</Method>
          <QueryString></QueryString>
          <WebHeaders>
              <Content-Length>104253</Content-Length>
              <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
              <Expect>100-continue</Expect>
              <Host>server.contoso.com:32843</Host>
          </WebHeaders>
      </HttpRequest>
      <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
          <s:Header>
            <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/GetApplicationFields</a:Action>
            <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:05218963-5188-4af7-8f0b-
d54600d768ba</a:MessageID>
            <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
                <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
            </a:ReplyTo>
            <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
            <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                <!-- This section is same as the preceding Example 1. -->
            </o:Security>
          </s:Header>
          <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
            <GetApplicationFields
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
                <applicationId> MyTargetApplication</applicationId>
            </GetApplicationFields>
          </s:Body>
      </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
      <s:Header>
          <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/GetApplicationFieldsResponse</a:Action>
      </s:Header>
      <s:Body>
          <GetApplicationFieldsResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
            <GetApplicationFieldsResult
xmlns:d4p1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Serve
r" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                <d4p1:TargetApplicationField>
                <d4p1:credentialType>UserName</d4p1:credentialType>
                <d4p1:masked>false</d4p1:masked>
                <d4p1:name>User Name</d4p1:name>
                </d4p1:TargetApplicationField>
                <d4p1:TargetApplicationField>
```

```
                    <d4p1:credentialType>Password</d4p1:credentialType>
                    <d4p1:masked>true</d4p1:masked>
                    <d4p1:name>Password</d4p1:name>
                    </d4p1:TargetApplicationField>
                </GetApplicationFieldsResult>
            </GetApplicationFieldsResponse>
        </s:Body>
    </s:Envelope>
</Message>
```

4.4   Retrieving the Application Claims of an Application

This example describes the requests that are made to get the application claims of the target application with the target application name "MyTargetApplication".

The protocol client calls **GetApplicationClaims** method on a protocol server named "server.contoso.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
        <Method>POST</Method>
        <QueryString></QueryString>
        <WebHeaders>
            <Content-Length>104253</Content-Length>
            <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
            <Expect>100-continue</Expect>
            <Host>server.contoso.com:32843</Host>
        </WebHeaders>
    </HttpRequest>
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action s:mustUnderstand="1" u:Id=" 4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/GetApplicationClaims</a:Action>
            <a:MessageID u:Id=" 5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:3c0494a3-bea5-497f-b78d-
2f7514bbfaa4</a:MessageID>
            <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
                <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
            </a:ReplyTo>
            <a:To s:mustUnderstand="1" u:Id=" 7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
            <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                <!-- This section is same as the preceding Example 1. -->
            </o:Security>
        </s:Header>
        <s:Body u:Id=" 2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
            <GetApplicationClaims
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
                <applicationId> MyTargetApplication</applicationId>
            </GetApplicationClaims>
        </s:Body>
    </s:Envelope>
```

```
        </Message>
```

The protocol server then responds with the following:

```
    <Message>
        <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
          <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/GetApplicationClaimsResponse</a:Action>
        </s:Header>
        <s:Body>
          <GetApplicationClaimsResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
              <GetApplicationClaimsResult
xmlns:d4p1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Serve
r" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                  <d4p1:administratorClaims>
                  <d4p1:SecureStoreServiceClaim>
                  <d4p1:claimIssuer>localhost</d4p1:claimIssuer>

<d4p1:claimType>http://schemas.microsoft.com/sharepoint/2009/08/claims/userlogonname</d4p1:cl
aimType>
                  <d4p1:claimValue>CONTOSO\john</d4p1:claimValue>
                  </d4p1:SecureStoreServiceClaim>
                  </d4p1:administratorClaims>
                  <d4p1:groupClaims i:nil="true"></d4p1:groupClaims>
                  <d4p1:ticketRedeemerClaims i:nil="true"></d4p1:ticketRedeemerClaims>
              </GetApplicationClaimsResult>
          </GetApplicationClaimsResponse>
        </s:Body>
    </s:Envelope>
</Message>
```

4.5   Deleting an Application

This example describes the requests that are made to delete the target application with the target application name "MyTargetApplication".

The protocol client calls **DeleteApplication** method on a protocol server named "server.contoso.com".

Protocol request:

```
    <Message>
        <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
        <Method>POST</Method>
        <QueryString></QueryString>
        <WebHeaders>
           <Content-Length>104249</Content-Length>
           <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
           <Expect>100-continue</Expect>
           <Host>server.contoso.com:32843</Host>
        </WebHeaders>
    </HttpRequest>
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
          <a:Action s:mustUnderstand="1" u:Id=" 4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/DeleteApplication</a:Action>
```

```
            <a:MessageID u:Id=" 5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:923d106c-d787-4f71-a9a9-
6d93dda1bc7d</a:MessageID>
            <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
                <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
            </a:ReplyTo>
            <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
            <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                <!-- This section is same as the preceding Example 1. -->
            </o:Security>
        </s:Header>
        <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
            <DeleteApplication
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
                <applicationId>MyTargetApplication</applicationId>
            </DeleteApplication>
        </s:Body>
    </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/DeleteApplicationResponse</a:Action>
        </s:Header>
        <s:Body>
            <DeleteApplicationResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/"></DeleteApplicati
onResponse>
        </s:Body>
    </s:Envelope>
</Message>
```

4.6   Setting Up User Credentials for an Application

This example describes the requests that are made to set the credentials for user "CONTOSO\john" in
the target application with target application name "MyTargetApplication".

The protocol client calls **SetUserCredentials** method on a protocol server named
"server.contoso.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
        <Method>POST</Method>
        <QueryString></QueryString>
        <WebHeaders>
            <Content-Length>105337</Content-Length>
```

```
                <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
                <Expect>100-continue</Expect>
                <Host>server.contoso.com:32843</Host>
            </WebHeaders>
        </HttpRequest>
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/SetUserCredentials</a:Action>
            <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:0ab86b6b-1e32-4fa7-8fef-
6a63cc2df4fb</a:MessageID>
            <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
                <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
            </a:ReplyTo>
            <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
            <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                <!-- This section is same as the preceding Example 1. -->
            </o:Security>
        </s:Header>
        <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
            <SetUserCredentials
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
                <applicationId> MyTargetApplication</applicationId>
                <claim
xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                    <a:claimIssuer>localhost</a:claimIssuer>

<a:claimType>http://schemas.microsoft.com/sharepoint/2009/08/claims/userlogonname</a:claimTyp
e>
                    <a:claimValue>CONTOSO\john</a:claimValue>
                </claim>
                <credentials
xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                    <a:SerializableSecureStoreCredential>
                        <a:credential>U29tZVVzZXI=</a:credential>
                        <a:credentialType>UserName</a:credentialType>
                    </a:SerializableSecureStoreCredential>
                    <a:SerializableSecureStoreCredential>
                        <a:credential>VG9wU2VjcmV0</a:credential>
                        <a:credentialType>Password</a:credentialType>
                    </a:SerializableSecureStoreCredential>
                </credentials>
            </SetUserCredentials>
        </s:Body>
    </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
```

```
            <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/SetUserCredentialsResponse</a:Action>
      </s:Header>
      <s:Body>
          <SetUserCredentialsResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/"></SetUserCredenti
alsResponse>
      </s:Body>
   </s:Envelope>
</Message>
```

4.7   Updating Application Information

This example describes the requests that are made to update the information of the target application with the target application name "MyTargetApplication".

The protocol client calls **UpdateApplication** method on a protocol server named "server.contoso.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
       <Method>POST</Method>
       <QueryString></QueryString>
       <WebHeaders>
          <Content-Length>106489</Content-Length>
          <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
          <Expect>100-continue</Expect>
          <Host>server.contoso.com:32843</Host>
       </WebHeaders>
    </HttpRequest>
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
       <s:Header>
          <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/UpdateApplication</a:Action>
          <a:MessageID u:Id=" 5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:7aa44ab6-f5e3-49d1-88f0-
0abe0a286a24</a:MessageID>
          <a:ReplyTo u:Id=" 6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
             <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
          </a:ReplyTo>
          <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
          <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
             <!-- This section is same as the preceding Example 1. -->
          </o:Security>
       </s:Header>
       <s:Body u:Id=" 2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
          <UpdateApplication
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
             <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
             <application
xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
```

```
                    <a:appId>MyGroupTargetApplication</a:appId>
                    <a:contactEmail>contactAdmin@contoso.com</a:contactEmail>

    <a:credentialManagementUrl>https://credentials.aspx/</a:credentialManagementUrl>
                    <a:friendlyName>My Group Target Application</a:friendlyName>
                    <a:ticketTimeout>2</a:ticketTimeout>
                    <a:type>Group</a:type>
                </application>
                <applicationFields
xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                    <a:TargetApplicationField>
                        <a:credentialType>UserName</a:credentialType>
                        <a:masked>false</a:masked>
                        <a:name>User Name</a:name>
                    </a:TargetApplicationField>
                    <a:TargetApplicationField>
                        <a:credentialType>Password</a:credentialType>
                        <a:masked>true</a:masked>
                        <a:name>Password</a:name>
                    </a:TargetApplicationField>
                </applicationFields>
                <applicationClaims
xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                    <a:administratorClaims>
                        <a:SecureStoreServiceClaim>
                            <a:claimIssuer>localhost</a:claimIssuer>

    <a:claimType>http://schemas.microsoft.com/sharepoint/2009/08/claims/userlogonname</a:claimTyp
e>
                            <a:claimValue>CONTOSO\john</a:claimValue>
                        </a:SecureStoreServiceClaim>
                    </a:administratorClaims>
                    <a:groupClaims>
                        <a:SecureStoreServiceClaim>
                            <a:claimIssuer>localhost</a:claimIssuer>

    <a:claimType>http://schemas.microsoft.com/sharepoint/2009/08/claims/userlogonname</a:claimTyp
e>
                            <a:claimValue>CONTOSO\john</a:claimValue>
                        </a:SecureStoreServiceClaim>
                    </a:groupClaims>
                    <a:ticketRedeemerClaims i:nil="true"></a:ticketRedeemerClaims>
                </applicationClaims>
            </UpdateApplication>
        </s:Body>
    </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/UpdateApplicationResponse</a:Action>
        </s:Header>
        <s:Body>
            <UpdateApplicationResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/"></UpdateApplicati
onResponse>
        </s:Body>
    </s:Envelope>
```

```
    </Message>
```

4.8 Setting Group Credentials for an Application

This example describes the requests that are made to set the group credentials for the target application with the target application name "MyGroupTargetApplication".

The protocol client calls **SetGroupCredentials** method on a protocol server named "server.contoso.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
        <Method>POST</Method>
        <QueryString></QueryString>
        <WebHeaders>
            <Content-Length>104930</Content-Length>
            <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
            <Expect>100-continue</Expect>
            <Host>server.contoso.com:32843</Host>
        </WebHeaders>
    </HttpRequest>
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action s:mustUnderstand="1" u:Id=" 4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/SetGroupCredentials</a:Action>
            <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:223d40a3-7a44-462f-a0aa-
4a59ec8ca559</a:MessageID>
            <a:ReplyTo u:Id=" 6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
                <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
            </a:ReplyTo>
            <a:To s:mustUnderstand="1" u:Id=" 7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
            <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                <!-- This section is same as the preceding Example 1. -->
            </o:Security>
        </s:Header>
        <s:Body u:Id=" 2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
            <SetGroupCredentials
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
                <applicationId>MyGroupTargetApplication</applicationId>
                <credentials
xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                    <a:SerializableSecureStoreCredential>
                        <a:credential>U29tZVVzZXI=</a:credential>
                        <a:credentialType>UserName</a:credentialType>
                    </a:SerializableSecureStoreCredential>
                    <a:SerializableSecureStoreCredential>
                        <a:credential>VG9wU2VjcmV0</a:credential>
                        <a:credentialType>Password</a:credentialType>
                    </a:SerializableSecureStoreCredential>
                </credentials>
```

```
        </SetGroupCredentials>
      </s:Body>
    </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
      <s:Header>
        <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/SetGroupCredentialsResponse</a:Action>
      </s:Header>
      <s:Body>
        <SetGroupCredentialsResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/"></SetGroupCredent
ialsResponse>
      </s:Body>
    </s:Envelope>
</Message>
```

4.9   Creating an Application in a Partition

This example describes the requests that are made to create a new target application in the specified partition. In this case, the target application is an individual type with two fields: "user name" and "password".

The protocol client calls **CreateApplication** method on a protocol server named "server.contoso.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
      <Method>POST</Method>
      <QueryString></QueryString>
      <WebHeaders>
        <Content-Length>106169</Content-Length>
        <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
        <Expect>100-continue</Expect>
        <Host>server.contoso.com:32843</Host>
      </WebHeaders>
    </HttpRequest>
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
      <s:Header>
        <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/CreateApplication</a:Action>
        <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:c1f5c1b9-b2ef-4dce-9256-
9dd8a6fc4725</a:MessageID>
        <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
            <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
        </a:ReplyTo>
        <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
```

```
                 xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
        ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
                 <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
        open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                         <!-- This section is same as the preceding Example 1. -->
                 </o:Security>
             </s:Header>
             <s:Body u:Id=" 2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
        wssecurity-utility-1.0.xsd">
                 <CreateApplication
        xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                         <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
                         <application
        xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
        xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                             <a:appId>MyTargetApplication</a:appId>
                             <a:contactEmail>contactAdmin@contoso.com</a:contactEmail>

        <a:credentialManagementUrl>https://credentials.aspx/</a:credentialManagementUrl>
                             <a:friendlyName>Target Application Display Name</a:friendlyName>
                             <a:ticketTimeout>2</a:ticketTimeout>
                             <a:type>Individual</a:type>
                         </application>
                         <applicationFields
        xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
        xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                             <a:TargetApplicationField>
                                 <a:credentialType>UserName</a:credentialType>
                                 <a:masked>false</a:masked>
                                 <a:name>User Name</a:name>
                             </a:TargetApplicationField>
                             <a:TargetApplicationField>
                                 <a:credentialType>Password</a:credentialType>
                                 <a:masked>true</a:masked>
                                 <a:name>Password</a:name>
                             </a:TargetApplicationField>
                         </applicationFields>
                         <applicationClaims
        xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
        xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                             <a:administratorClaims>
                                 <a:SecureStoreServiceClaim>
                                     <a:claimIssuer>localhost</a:claimIssuer>

        <a:claimType>http://schemas.microsoft.com/sharepoint/2009/08/claims/userlogonname</a:claimTyp
        e>
                                     <a:claimValue>CONTOSO\john</a:claimValue>
                                 </a:SecureStoreServiceClaim>
                             </a:administratorClaims>
                             <a:groupClaims i:nil="true"></a:groupClaims>
                             <a:ticketRedeemerClaims i:nil="true"></a:ticketRedeemerClaims>
                         </applicationClaims>
                 </CreateApplication>
             </s:Body>
         </s:Envelope>
        </Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/CreateApplicationResponse</a:Action>
        </s:Header>
    <s:Body>
```

```
            <CreateApplicationResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/"></CreateApplicati
onResponse>
        </s:Body>
    </s:Envelope>
</Message>
```

4.10 Retrieving the Credentials of the Current User

This example describes the requests that are made to get the credentials associated with the current user. The credentials are stored in the target application with the target application name "MyTargetApplication". In this example the current user is "CONTOSO\john".

The protocol client calls **GetCredentials** method on a protocol server named "server.contoso.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
        <Method>POST</Method>
        <QueryString></QueryString>
        <WebHeaders>
            <Content-Length>104277</Content-Length>
            <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
            <Expect>100-continue</Expect>
            <Host>server.contoso.com:32843</Host>
        </WebHeaders>
    </HttpRequest>
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/GetCredentials</a:Action>
            <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:28742171-803c-42e3-86e4-
0a5c9ec5bbd9</a:MessageID>
            <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
                <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
            </a:ReplyTo>
            <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
            <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                <!-- This section is same as the preceding Example 1. -->
            </o:Security>
        </s:Header>
        <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
            <GetCredentials
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
                <applicationId>MyTargetApplication</applicationId>
            </GetCredentials>
        </s:Body>
    </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/GetCredentialsResponse</a:Action>
        </s:Header>
        <s:Body>
            <GetCredentialsResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <GetCredentialsResult
xmlns:d4p1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Serve
r" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                    <d4p1:SerializableSecureStoreCredential>
                    <d4p1:credential>SomeUser1</d4p1:credential>
                    <d4p1:credentialType>UserName</d4p1:credentialType>
                    </d4p1:SerializableSecureStoreCredential>
                    <d4p1:SerializableSecureStoreCredential>
                    <d4p1:credential>TopSecretPassword</d4p1:credential>
                    <d4p1:credentialType>Password</d4p1:credentialType>
                    </d4p1:SerializableSecureStoreCredential>
                </GetCredentialsResult>
            </GetCredentialsResponse>
        </s:Body>
    </s:Envelope>
</Message>
```

4.11 Retrieving the Credentials of the Current User of a Restricted Application

This example describes the requests that are made to get the credentials stored in the restricted target application with the target application name "WindowsTargetApplication". The server protocol will respond with the credentials associated with the current user, in this case the current user is "CONTOSO\john".

The protocol client calls **GetRestrictedCredentials** method on a protocol server named "server.example.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
        <Method>POST</Method>
        <QueryString></QueryString>
        <WebHeaders>
            <Content-Length>104277</Content-Length>
            <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
            <Expect>100-continue</Expect>
            <Host>server.contoso.com:32843</Host>
        </WebHeaders>
    </HttpRequest>
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/GetRestrictedCredentials</a:Action>
            <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:28742171-803c-42e3-86e4-
0a5c9ec5bbd9</a:MessageID>
```

```
        <a:ReplyTo u:Id=" 6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
            <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
        </a:ReplyTo>
        <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
        <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
            <!-- This section is same as the preceding Example 1. -->
        </o:Security>
    </s:Header>
    <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
        <GetRestrictedCredentials
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
            <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
            <applicationId>WindowsTargetApplication</applicationId>
        </GetRestrictedCredentials>
    </s:Body>
  </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
  <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
    <s:Header>
        <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/GetRestrictedCredentialsResponse</a:Action>
    </s:Header>
    <s:Body>
        <GetRestrictedCredentialsResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
            <GetRestrictedCredentialsResult
xmlns:d4p1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Serve
r" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                <d4p1:SerializableSecureStoreCredential>
                <d4p1:credential>CONTOSO\User1</d4p1:credential>
                <d4p1:credentialType>WindowsUserName</d4p1:credentialType>
                </d4p1:SerializableSecureStoreCredential>
                <d4p1:SerializableSecureStoreCredential>
                <d4p1:credential>TopSecretPassword</d4p1:credential>
                <d4p1:credentialType>WindowsPassword</d4p1:credentialType>
                </d4p1:SerializableSecureStoreCredential>
            </GetRestrictedCredentialsResult>
        </GetRestrictedCredentialsResponse>
    </s:Body>
  </s:Envelope>
</Message>
```

5 Security

5.1 Security Considerations for Implementers

Because the information handled by this protocol can contain highly sensitive information, both the protocol server and the protocol client need to be consumed in environments that are appropriately secured. To protect the message, **HTTPS** can be used.

5.2 Index of Security Parameters

None.

6 Appendix A: Full WSDL

For ease of implementation, the full WSDL is provided in this appendix.

```
<?xml version="1.0" encoding="UTF-8"?>
<wsdl:definitions xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:tns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"
targetNamespace="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:types>
    <xs:schema
xmlns:tns3="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/Imports"
targetNamespace="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/Imports">
      <xs:import
namespace="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Secu
reStore"/>
      <xs:import
namespace="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
"/>
      <xs:import namespace="http://schemas.datacontract.org/2004/07/System"/>
      <xs:import namespace="http://schemas.datacontract.org/2004/07/System.ServiceModel"/>
      <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/"/>
      <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays"/>
      <xs:import
namespace="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice"/>
    </xs:schema>
  </wsdl:types>
  <wsdl:portType name="ISecureStoreServiceApplication">
    <wsdl:operation name="GetChangeMasterSecretKeyToken">
      <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChangeMasterSecretKeyToken"
message="tns:ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_InputMessage"/>
      <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChangeMasterSecretKeyTokenResponse"
message="tns:ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_OutputMessage"/>
    </wsdl:operation>
    <wsdl:operation name="ChangeMasterSecretKey">
      <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/ChangeMasterSecretKey"
message="tns:ISecureStoreServiceApplication_ChangeMasterSecretKey_InputMessage"/>
    </wsdl:operation>
    <wsdl:operation name="IsMasterSecretKeyPopulated">
      <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IsMasterSecretKeyPopulated"
message="tns:ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_InputMessage"/>
      <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IsMasterSecretKeyPopulatedResponse"
message="tns:ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_OutputMessage"/>
    </wsdl:operation>
    <wsdl:operation name="SetMasterSecretKey">
      <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetMasterSecretKey"
message="tns:ISecureStoreServiceApplication_SetMasterSecretKey_InputMessage"/>
      <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetMasterSecretKeyResponse"
message="tns:ISecureStoreServiceApplication_SetMasterSecretKey_OutputMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
```

```
erviceApplication/SetMasterSecretKeySecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_SetMasterSecretKey_SecureStoreServiceFaultFault_F
aultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="SetChangeKeyPassphrase">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetChangeKeyPassphrase"
message="tns:ISecureStoreServiceApplication_SetChangeKeyPassphrase_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetChangeKeyPassphraseResponse"
message="tns:ISecureStoreServiceApplication_SetChangeKeyPassphrase_OutputMessage"/>
      </wsdl:operation>
      <wsdl:operation name="CreateApplication">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplication"
message="tns:ISecureStoreServiceApplication_CreateApplication_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationResponse"
message="tns:ISecureStoreServiceApplication_CreateApplication_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_CreateApplication_ArgumentExceptionFault_FaultMes
sage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_CreateApplication_ArgumentNullExceptionFault_Faul
tMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationArgumentOutOfRangeExceptionFault"
name="ArgumentOutOfRangeExceptionFault"
message="tns:ISecureStoreServiceApplication_CreateApplication_ArgumentOutOfRangeExceptionFaul
t_FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_CreateApplication_SecureStoreServiceFaultFault_Fa
ultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="UpdateApplication">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplication"
message="tns:ISecureStoreServiceApplication_UpdateApplication_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationResponse"
message="tns:ISecureStoreServiceApplication_UpdateApplication_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_UpdateApplication_ArgumentExceptionFault_FaultMes
sage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_UpdateApplication_ArgumentNullExceptionFault_Faul
tMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
```

```
erviceApplication/UpdateApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_UpdateApplication_SecureStoreServiceFaultFault_Fa
ultMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_UpdateApplication_SecureStoreServiceTargetApplica
tionNotFoundFaultFault_FaultMessage"/>
    </wsdl:operation>
    <wsdl:operation name="DeleteApplication">
      <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplication"
message="tns:ISecureStoreServiceApplication_DeleteApplication_InputMessage"/>
      <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplicationResponse"
message="tns:ISecureStoreServiceApplication_DeleteApplication_OutputMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteApplication_ArgumentExceptionFault_FaultMes
sage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplicationArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteApplication_ArgumentNullExceptionFault_Faul
tMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteApplication_SecureStoreServiceFaultFault_Fa
ultMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplicationSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteApplication_SecureStoreServiceTargetApplica
tionNotFoundFaultFault_FaultMessage"/>
    </wsdl:operation>
    <wsdl:operation name="GetApplicationClaims">
      <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaims"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_InputMessage"/>
      <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsResponse"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_OutputMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_ArgumentExceptionFault_Fault
Message"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_ArgumentNullExceptionFault_F
aultMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_SecureStoreServiceFaultFault
_FaultMessage"/>
```

```
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_SecureStoreServiceTargetAppl
icationNotFoundFaultFault_FaultMessage"/>
    </wsdl:operation>
    <wsdl:operation name="GetApplicationGroupClaims">
      <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaims"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_InputMessage"/>
      <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsResponse"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_OutputMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_ArgumentExceptionFault_
FaultMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_ArgumentNullExceptionFa
ult_FaultMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_SecureStoreServiceFault
Fault_FaultMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsSecureStoreServiceTargetApplicationNotFoundFaultFa
ult" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_SecureStoreServiceTarge
tApplicationNotFoundFaultFault_FaultMessage"/>
    </wsdl:operation>
    <wsdl:operation name="GetApplicationAdministratorClaims">
      <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaims"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_InputMessage"/>
      <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaimsResponse"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_OutputMessage"/
>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaimsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_ArgumentExcepti
onFault_FaultMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaimsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_ArgumentNullExc
eptionFault_FaultMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaimsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_SecureStoreServ
iceFaultFault_FaultMessage"/>
```

```
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaimsSecureStoreServiceTargetApplicationNotFoun
dFaultFault" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_SecureStoreServ
iceTargetApplicationNotFoundFaultFault_FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="GetApplicationTicketRedeemerClaims">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaims"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_InputMessage"/
>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaimsResponse"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_OutputMessage"
/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaimsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_ArgumentExcept
ionFault_FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaimsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_ArgumentNullEx
ceptionFault_FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaimsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_SecureStoreSer
viceFaultFault_FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaimsSecureStoreServiceTargetApplicationNotFou
ndFaultFault" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_SecureStoreSer
viceTargetApplicationNotFoundFaultFault_FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="GetApplication">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplication"
message="tns:ISecureStoreServiceApplication_GetApplication_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationResponse"
message="tns:ISecureStoreServiceApplication_GetApplication_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplication_ArgumentExceptionFault_FaultMessag
e"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationArgumentNullExceptionFault" name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplication_ArgumentNullExceptionFault_FaultMe
ssage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplication_SecureStoreServiceFaultFault_Fault
Message"/>
```

```
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplication_SecureStoreServiceTargetApplicatio
nNotFoundFaultFault FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="GetApplicationFields">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFields"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsResponse"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_ArgumentExceptionFault_Fault
Message"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_ArgumentNullExceptionFault_F
aultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_SecureStoreServiceFaultFault
_FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_SecureStoreServiceTargetAppl
icationNotFoundFaultFault_FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="GetApplications">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplications"
message="tns:ISecureStoreServiceApplication_GetApplications_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationsResponse"
message="tns:ISecureStoreServiceApplication_GetApplications_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplications_SecureStoreServiceFaultFault_Faul
tMessage"/>
      </wsdl:operation>
      <wsdl:operation name="GetUserApplications">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplications"
message="tns:ISecureStoreServiceApplication_GetUserApplications_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationsResponse"
message="tns:ISecureStoreServiceApplication_GetUserApplications_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
```

```
message="tns:ISecureStoreServiceApplication_GetUserApplications_SecureStoreServiceFaultFault_
FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="GetSystemApplications">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetSystemApplications"
message="tns:ISecureStoreServiceApplication_GetSystemApplications_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetSystemApplicationsResponse"
message="tns:ISecureStoreServiceApplication_GetSystemApplications_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetSystemApplicationsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetSystemApplications_SecureStoreServiceFaultFaul
t_FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="SetUserCredentials">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentials"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsResponse"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_ArgumentExceptionFault_FaultMe
ssage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_ArgumentNullExceptionFault_Fau
ltMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_SecureStoreServiceFaultFault_F
aultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_SecureStoreServiceTargetApplic
ationNotFoundFaultFault_FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="SetGroupCredentials">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentials"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsResponse"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_ArgumentExceptionFault_FaultM
essage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
```

```
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_ArgumentNullExceptionFault_Fa
ultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_SecureStoreServiceFaultFault_
FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_SecureStoreServiceTargetAppli
cationNotFoundFaultFault_FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="DeleteUserCredentials">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentials"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsResponse"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_ArgumentExceptionFault_Faul
tMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_ArgumentNullExceptionFault_
FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_SecureStoreServiceCredentia
lsNotFoundFaultFault_FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_SecureStoreServiceFaultFaul
t_FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_SecureStoreServiceTargetApp
licationNotFoundFaultFault_FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="DeleteAllUserCredentials">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteAllUserCredentials"
message="tns:ISecureStoreServiceApplication_DeleteAllUserCredentials_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteAllUserCredentialsResponse"
message="tns:ISecureStoreServiceApplication_DeleteAllUserCredentials_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteAllUserCredentialsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteAllUserCredentials_ArgumentExceptionFault_F
aultMessage"/>
```

```
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteAllUserCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteAllUserCredentials_ArgumentNullExceptionFau
lt_FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteAllUserCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteAllUserCredentials_SecureStoreServiceFaultF
ault_FaultMessage"/>
    </wsdl:operation>
    <wsdl:operation name="IssueTicket">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IssueTicket"
message="tns:ISecureStoreServiceApplication_IssueTicket_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IssueTicketResponse"
message="tns:ISecureStoreServiceApplication_IssueTicket_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IssueTicketSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_IssueTicket_SecureStoreServiceFaultFault_FaultMes
sage"/>
    </wsdl:operation>
    <wsdl:operation name="RedeemTicket">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicket"
message="tns:ISecureStoreServiceApplication_RedeemTicket_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketResponse"
message="tns:ISecureStoreServiceApplication_RedeemTicket_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_RedeemTicket_ArgumentExceptionFault_FaultMessage"
/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketArgumentNullExceptionFault" name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_RedeemTicket_ArgumentNullExceptionFault_FaultMess
age"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_RedeemTicket_SecureStoreServiceCredentialsNotFoun
dFaultFault_FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_RedeemTicket_SecureStoreServiceFaultFault_FaultMe
ssage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_RedeemTicket_SecureStoreServiceTargetApplicationN
otFoundFaultFault_FaultMessage"/>
    </wsdl:operation>
    <wsdl:operation name="GetCredentials">
```

```
      <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentials"
message="tns:ISecureStoreServiceApplication_GetCredentials_InputMessage"/>
      <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsResponse"
message="tns:ISecureStoreServiceApplication_GetCredentials_OutputMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetCredentials_ArgumentExceptionFault_FaultMessag
e"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsArgumentNullExceptionFault" name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetCredentials_ArgumentNullExceptionFault_FaultMe
ssage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetCredentials_SecureStoreServiceCredentialsNotFo
undFaultFault_FaultMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetCredentials_SecureStoreServiceFaultFault_Fault
Message"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetCredentials_SecureStoreServiceTargetApplicatio
nNotFoundFaultFault_FaultMessage"/>
    </wsdl:operation>
    <wsdl:operation name="GetRestrictedCredentials">
      <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentials"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_InputMessage"/>
      <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsResponse"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_OutputMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_ArgumentExceptionFault_F
aultMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_ArgumentNullExceptionFau
lt_FaultMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceCreden
tialsNotFoundFaultFault_FaultMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
```

```
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceFaultF
ault_FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFau
lt" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceTarget
ApplicationNotFoundFaultFault_FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="SetCredentials">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentials"
message="tns:ISecureStoreServiceApplication_SetCredentials_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentialsResponse"
message="tns:ISecureStoreServiceApplication_SetCredentials_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_SetCredentials_ArgumentExceptionFault_FaultMessag
e"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentialsArgumentNullExceptionFault" name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_SetCredentials_ArgumentNullExceptionFault_FaultMe
ssage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_SetCredentials_SecureStoreServiceFaultFault_Fault
Message"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_SetCredentials_SecureStoreServiceTargetApplicatio
nNotFoundFaultFault_FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="DeleteCredentials">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentials"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsResponse"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_ArgumentExceptionFault_FaultMes
sage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_ArgumentNullExceptionFault_Faul
tMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_SecureStoreServiceCredentialsNo
tFoundFaultFault_FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsSecureStoreServiceFaultFault"
```

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name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication DeleteCredentials SecureStoreServiceFaultFault Fa
ultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication DeleteCredentials SecureStoreServiceTargetApplica
tionNotFoundFaultFault_FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="GetUserApplication">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplication"
message="tns:ISecureStoreServiceApplication_GetUserApplication_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationResponse"
message="tns:ISecureStoreServiceApplication_GetUserApplication_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetUserApplication_ArgumentExceptionFault_FaultMe
ssage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetUserApplication_ArgumentNullExceptionFault_Fau
ltMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplication_SecureStoreServiceFaultFault_F
aultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplication_SecureStoreServiceTargetApplic
ationNotFoundFaultFault_FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="GetUserApplicationFields">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFields"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsResponse"
message="tns:ISecureStoreServiceApplication GetUserApplicationFields OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_ArgumentExceptionFault_F
aultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_ArgumentNullExceptionFau
lt FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication GetUserApplicationFields SecureStoreServiceFaultF
ault_FaultMessage"/>
```

```
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsSecureStoreServiceTargetApplicationNotFoundFaultFau
lt" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_SecureStoreServiceTarget
ApplicationNotFoundFaultFault FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="CreateConnectionSettings">
      <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateConnectionSettings"
message="tns:ISecureStoreServiceApplication_CreateConnectionSettings_InputMessage"/>
      <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateConnectionSettingsResponse"
message="tns:ISecureStoreServiceApplication_CreateConnectionSettings_OutputMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateConnectionSettingsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_CreateConnectionSettings_ArgumentExceptionFault_F
aultMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateConnectionSettingsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_CreateConnectionSettings_ArgumentNullExceptionFau
lt_FaultMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateConnectionSettingsSecureStoreServiceConnectionSettingsAlreadyExistFau
ltFault" name="SecureStoreServiceConnectionSettingsAlreadyExistFaultFault"
message="tns:ISecureStoreServiceApplication_CreateConnectionSettings_SecureStoreServiceConnec
tionSettingsAlreadyExistFaultFault FaultMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateConnectionSettingsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_CreateConnectionSettings_SecureStoreServiceFaultF
ault FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="GetConnectionSettings">
      <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetConnectionSettings"
message="tns:ISecureStoreServiceApplication_GetConnectionSettings_InputMessage"/>
      <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetConnectionSettingsResponse"
message="tns:ISecureStoreServiceApplication_GetConnectionSettings_OutputMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetConnectionSettingsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetConnectionSettings_ArgumentExceptionFault_Faul
tMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetConnectionSettingsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetConnectionSettings_ArgumentNullExceptionFault_
FaultMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetConnectionSettingsConnectionSettingsNotFoundFaultFault"
name="ConnectionSettingsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetConnectionSettings_ConnectionSettingsNotFoundF
ault_FaultMessage"/>
      <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
```

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erviceApplication/GetConnectionSettingsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetConnectionSettings_SecureStoreServiceFaultFaul
t_FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="GetChildConnectionSettings">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChildConnectionSettings"
message="tns:ISecureStoreServiceApplication_GetChildConnectionSettings_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChildConnectionSettingsResponse"
message="tns:ISecureStoreServiceApplication_GetChildConnectionSettings_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChildConnectionSettingsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetChildConnectionSettings_ArgumentExceptionFault
_FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChildConnectionSettingsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetChildConnectionSettings_ArgumentNullExceptionF
ault_FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChildConnectionSettingsConnectionSettingsNotFoundFaultFault"
name="ConnectionSettingsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetChildConnectionSettings_ConnectionSettingsNotF
oundFaultFault_FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChildConnectionSettingsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetChildConnectionSettings_SecureStoreServiceFaul
tFault_FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="GetAllConnectionSettings">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetAllConnectionSettings"
message="tns:ISecureStoreServiceApplication_GetAllConnectionSettings_InputMessage"/>
        <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetAllConnectionSettingsResponse"
message="tns:ISecureStoreServiceApplication_GetAllConnectionSettings_OutputMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetAllConnectionSettingsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetAllConnectionSettings_ArgumentExceptionFault_F
aultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetAllConnectionSettingsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetAllConnectionSettings_ArgumentNullExceptionFau
lt_FaultMessage"/>
        <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetAllConnectionSettingsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetAllConnectionSettings_SecureStoreServiceFaultF
ault_FaultMessage"/>
      </wsdl:operation>
      <wsdl:operation name="UpdateConnectionSettings">
        <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
```

```
erviceApplication/UpdateConnectionSettings"
message="tns:ISecureStoreServiceApplication UpdateConnectionSettings InputMessage"/>
          <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateConnectionSettingsResponse"
message="tns:ISecureStoreServiceApplication_UpdateConnectionSettings_OutputMessage"/>
          <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateConnectionSettingsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_UpdateConnectionSettings_ArgumentExceptionFault_F
aultMessage"/>
          <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateConnectionSettingsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_UpdateConnectionSettings_ArgumentNullExceptionFau
lt_FaultMessage"/>
          <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateConnectionSettingsConnectionSettingsNotFoundFaultFault"
name="ConnectionSettingsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_UpdateConnectionSettings_ConnectionSettingsNotFou
ndFaultFault_FaultMessage"/>
          <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateConnectionSettingsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_UpdateConnectionSettings_SecureStoreServiceFaultF
ault_FaultMessage"/>
       </wsdl:operation>
       <wsdl:operation name="DeleteConnectionSettings">
          <wsdl:input
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteConnectionSettings"
message="tns:ISecureStoreServiceApplication_DeleteConnectionSettings_InputMessage"/>
          <wsdl:output
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteConnectionSettingsResponse"
message="tns:ISecureStoreServiceApplication_DeleteConnectionSettings_OutputMessage"/>
          <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteConnectionSettingsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication DeleteConnectionSettings ArgumentExceptionFault F
aultMessage"/>
          <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteConnectionSettingsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteConnectionSettings_ArgumentNullExceptionFau
lt FaultMessage"/>
          <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteConnectionSettingsConnectionSettingsNotFoundFaultFault"
name="ConnectionSettingsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteConnectionSettings_ConnectionSettingsNotFou
ndFaultFault FaultMessage"/>
          <wsdl:fault
wsaw:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteConnectionSettingsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteConnectionSettings_SecureStoreServiceFaultF
ault FaultMessage"/>
       </wsdl:operation>
    </wsdl:portType>
    <wsdl:binding name="DefaultBinding_ISecureStoreServiceApplication"
type="tns:ISecureStoreServiceApplication">
       <soap:binding transport="http://schemas.xmlsoap.org/soap/http"/>
       <wsdl:operation name="GetChangeMasterSecretKeyToken">
```

```
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetChangeMasterSecretKeyToken" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="ChangeMasterSecretKey">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/ChangeMasterSecretKey" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
    </wsdl:operation>
    <wsdl:operation name="IsMasterSecretKeyPopulated">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/IsMasterSecretKeyPopulated" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="SetMasterSecretKey">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/SetMasterSecretKey" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="SetChangeKeyPassphrase">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/SetChangeKeyPassphrase" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="CreateApplication">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/CreateApplication" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
```

```
      </wsdl:fault>
      <wsdl:fault name="ArgumentOutOfRangeExceptionFault">
        <soap:fault use="literal" name="ArgumentOutOfRangeExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="UpdateApplication">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/UpdateApplication" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="DeleteApplication">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/DeleteApplication" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="GetApplicationClaims">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetApplicationClaims" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
      </wsdl:fault>
```

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      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="GetApplicationGroupClaims">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetApplicationGroupClaims" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="GetApplicationAdministratorClaims">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetApplicationAdministratorClaims" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="GetApplicationTicketRedeemerClaims">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetApplicationTicketRedeemerClaims" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
```

```
          <wsdl:fault name="ArgumentExceptionFault">
            <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="ArgumentNullExceptionFault">
            <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="SecureStoreServiceFaultFault">
            <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
            <soap:fault use="literal"
  name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
          </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="GetApplication">
          <soap:operation
  soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
  rviceApplication/GetApplication" style="document"/>
          <wsdl:input>
            <soap:body use="literal"/>
          </wsdl:input>
          <wsdl:output>
            <soap:body use="literal"/>
          </wsdl:output>
          <wsdl:fault name="ArgumentExceptionFault">
            <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="ArgumentNullExceptionFault">
            <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="SecureStoreServiceFaultFault">
            <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
            <soap:fault use="literal"
  name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
          </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="GetApplicationFields">
          <soap:operation
  soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
  rviceApplication/GetApplicationFields" style="document"/>
          <wsdl:input>
            <soap:body use="literal"/>
          </wsdl:input>
          <wsdl:output>
            <soap:body use="literal"/>
          </wsdl:output>
          <wsdl:fault name="ArgumentExceptionFault">
            <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="ArgumentNullExceptionFault">
            <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="SecureStoreServiceFaultFault">
            <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
            <soap:fault use="literal"
  name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
          </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="GetApplications">
          <soap:operation
  soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
  rviceApplication/GetApplications" style="document"/>
          <wsdl:input>
            <soap:body use="literal"/>
          </wsdl:input>
```

```
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="GetUserApplications">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetUserApplications" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="GetSystemApplications">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetSystemApplications" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="SetUserCredentials">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/SetUserCredentials" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="SetGroupCredentials">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/SetGroupCredentials" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
```

```
          <wsdl:fault name="ArgumentExceptionFault">
            <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="ArgumentNullExceptionFault">
            <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="SecureStoreServiceFaultFault">
            <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
            <soap:fault use="literal"
  name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
          </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="DeleteUserCredentials">
          <soap:operation
  soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
  rviceApplication/DeleteUserCredentials" style="document"/>
          <wsdl:input>
            <soap:body use="literal"/>
          </wsdl:input>
          <wsdl:output>
            <soap:body use="literal"/>
          </wsdl:output>
          <wsdl:fault name="ArgumentExceptionFault">
            <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="ArgumentNullExceptionFault">
            <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="SecureStoreServiceCredentialsNotFoundFaultFault">
            <soap:fault use="literal" name="SecureStoreServiceCredentialsNotFoundFaultFault"
  namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="SecureStoreServiceFaultFault">
            <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
            <soap:fault use="literal"
  name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
          </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="DeleteAllUserCredentials">
          <soap:operation
  soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
  rviceApplication/DeleteAllUserCredentials" style="document"/>
          <wsdl:input>
            <soap:body use="literal"/>
          </wsdl:input>
          <wsdl:output>
            <soap:body use="literal"/>
          </wsdl:output>
          <wsdl:fault name="ArgumentExceptionFault">
            <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="ArgumentNullExceptionFault">
            <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
          </wsdl:fault>
          <wsdl:fault name="SecureStoreServiceFaultFault">
            <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
          </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="IssueTicket">
          <soap:operation
  soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
  rviceApplication/IssueTicket" style="document"/>
          <wsdl:input>
            <soap:body use="literal"/>
          </wsdl:input>
```

```
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="RedeemTicket">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/RedeemTicket" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceCredentialsNotFoundFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceCredentialsNotFoundFaultFault"
namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="GetCredentials">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetCredentials" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceCredentialsNotFoundFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceCredentialsNotFoundFaultFault"
namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="GetRestrictedCredentials">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetRestrictedCredentials" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
```

```
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceCredentialsNotFoundFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceCredentialsNotFoundFaultFault"
  namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
  name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="SetCredentials">
      <soap:operation
  soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
  rviceApplication/SetCredentials" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
  name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="DeleteCredentials">
      <soap:operation
  soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
  rviceApplication/DeleteCredentials" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceCredentialsNotFoundFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceCredentialsNotFoundFaultFault"
  namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
```

```
        <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
          <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
        </wsdl:fault>
      </wsdl:operation>
      <wsdl:operation name="GetUserApplication">
        <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetUserApplication" style="document"/>
        <wsdl:input>
          <soap:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
          <soap:body use="literal"/>
        </wsdl:output>
        <wsdl:fault name="ArgumentExceptionFault">
          <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
        </wsdl:fault>
        <wsdl:fault name="ArgumentNullExceptionFault">
          <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceFaultFault">
          <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
          <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
        </wsdl:fault>
      </wsdl:operation>
      <wsdl:operation name="GetUserApplicationFields">
        <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetUserApplicationFields" style="document"/>
        <wsdl:input>
          <soap:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
          <soap:body use="literal"/>
        </wsdl:output>
        <wsdl:fault name="ArgumentExceptionFault">
          <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
        </wsdl:fault>
        <wsdl:fault name="ArgumentNullExceptionFault">
          <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceFaultFault">
          <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
          <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace=""/>
        </wsdl:fault>
      </wsdl:operation>
      <wsdl:operation name="CreateConnectionSettings">
        <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/CreateConnectionSettings" style="document"/>
        <wsdl:input>
          <soap:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
          <soap:body use="literal"/>
        </wsdl:output>
        <wsdl:fault name="ArgumentExceptionFault">
          <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
        </wsdl:fault>
        <wsdl:fault name="ArgumentNullExceptionFault">
          <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
        </wsdl:fault>
```

```
      <wsdl:fault name="SecureStoreServiceConnectionSettingsAlreadyExistFaultFault">
        <soap:fault use="literal"
name="SecureStoreServiceConnectionSettingsAlreadyExistFaultFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="GetConnectionSettings">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetConnectionSettings" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="ConnectionSettingsNotFoundFaultFault">
        <soap:fault use="literal" name="ConnectionSettingsNotFoundFaultFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="GetChildConnectionSettings">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetChildConnectionSettings" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="ConnectionSettingsNotFoundFaultFault">
        <soap:fault use="literal" name="ConnectionSettingsNotFoundFaultFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="GetAllConnectionSettings">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetAllConnectionSettings" style="document"/>
      <wsdl:input>
        <soap:body use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal"/>
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
```

```
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceFaultFault">
          <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
        </wsdl:fault>
      </wsdl:operation>
      <wsdl:operation name="UpdateConnectionSettings">
        <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/UpdateConnectionSettings" style="document"/>
        <wsdl:input>
          <soap:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
          <soap:body use="literal"/>
        </wsdl:output>
        <wsdl:fault name="ArgumentExceptionFault">
          <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
        </wsdl:fault>
        <wsdl:fault name="ArgumentNullExceptionFault">
          <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
        </wsdl:fault>
        <wsdl:fault name="ConnectionSettingsNotFoundFaultFault">
          <soap:fault use="literal" name="ConnectionSettingsNotFoundFaultFault" namespace=""/>
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceFaultFault">
          <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
        </wsdl:fault>
      </wsdl:operation>
      <wsdl:operation name="DeleteConnectionSettings">
        <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/DeleteConnectionSettings" style="document"/>
        <wsdl:input>
          <soap:body use="literal"/>
        </wsdl:input>
        <wsdl:output>
          <soap:body use="literal"/>
        </wsdl:output>
        <wsdl:fault name="ArgumentExceptionFault">
          <soap:fault use="literal" name="ArgumentExceptionFault" namespace=""/>
        </wsdl:fault>
        <wsdl:fault name="ArgumentNullExceptionFault">
          <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace=""/>
        </wsdl:fault>
        <wsdl:fault name="ConnectionSettingsNotFoundFaultFault">
          <soap:fault use="literal" name="ConnectionSettingsNotFoundFaultFault" namespace=""/>
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceFaultFault">
          <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace=""/>
        </wsdl:fault>
      </wsdl:operation>
    </wsdl:binding>
    <wsdl:message name="ISecureStoreServiceApplication_ChangeMasterSecretKey_InputMessage">
      <wsdl:part name="parameters" element="tns:ChangeMasterSecretKey"/>
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_CreateApplication_ArgumentExceptionFault_FaultMessage">
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_CreateApplication_ArgumentNullExceptionFault_FaultMessag
e">
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_CreateApplication_ArgumentOutOfRangeExceptionFault_Fault
Message">
```

```xml
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentOutOfRangeException"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_CreateApplication_InputMessage">
    <wsdl:part name="parameters" element="tns:CreateApplication"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_CreateApplication_OutputMessage">
    <wsdl:part name="parameters" element="tns:CreateApplicationResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication CreateApplication SecureStoreServiceFaultFault FaultMess
age">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_CreateConnectionSettings_ArgumentExceptionFault_FaultMes
sage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_CreateConnectionSettings_ArgumentNullExceptionFault_Faul
tMessage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication CreateConnectionSettings InputMessage">
    <wsdl:part name="parameters" element="tns:CreateConnectionSettings"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_CreateConnectionSettings_OutputMessage">
    <wsdl:part name="parameters" element="tns:CreateConnectionSettingsResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication CreateConnectionSettings SecureStoreServiceConnectionSet
tingsAlreadyExistFaultFault_FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceConnectionSettingsAlreadyExistFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_CreateConnectionSettings_SecureStoreServiceFaultFault_Fa
ultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_DeleteAllUserCredentials_ArgumentExceptionFault_FaultMes
sage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_DeleteAllUserCredentials_ArgumentNullExceptionFault_Faul
tMessage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_DeleteAllUserCredentials_InputMessage">
    <wsdl:part name="parameters" element="tns:DeleteAllUserCredentials"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_DeleteAllUserCredentials_OutputMessage">
    <wsdl:part name="parameters" element="tns:DeleteAllUserCredentialsResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_DeleteAllUserCredentials_SecureStoreServiceFaultFault_Fa
ultMessage">
```

```xml
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_DeleteApplication_ArgumentExceptionFault_FaultMessage">
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_DeleteApplication_ArgumentNullExceptionFault_FaultMessag
e">
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
   </wsdl:message>
   <wsdl:message name="ISecureStoreServiceApplication_DeleteApplication_InputMessage">
      <wsdl:part name="parameters" element="tns:DeleteApplication"/>
   </wsdl:message>
   <wsdl:message name="ISecureStoreServiceApplication_DeleteApplication_OutputMessage">
      <wsdl:part name="parameters" element="tns:DeleteApplicationResponse"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_DeleteApplication_SecureStoreServiceFaultFault_FaultMess
age">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_DeleteApplication_SecureStoreServiceTargetApplicationNot
FoundFaultFault_FaultMessage">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_DeleteConnectionSettings_ArgumentExceptionFault_FaultMes
sage">
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_DeleteConnectionSettings_ArgumentNullExceptionFault_Faul
tMessage">
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_DeleteConnectionSettings_ConnectionSettingsNotFoundFault
Fault_FaultMessage">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:ConnectionSettingsNotFoundFault"/>
   </wsdl:message>
   <wsdl:message name="ISecureStoreServiceApplication_DeleteConnectionSettings_InputMessage">
      <wsdl:part name="parameters" element="tns:DeleteConnectionSettings"/>
   </wsdl:message>
   <wsdl:message name="ISecureStoreServiceApplication_DeleteConnectionSettings_OutputMessage">
      <wsdl:part name="parameters" element="tns:DeleteConnectionSettingsResponse"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_DeleteConnectionSettings_SecureStoreServiceFaultFault_Fa
ultMessage">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_DeleteCredentials_ArgumentExceptionFault_FaultMessage">
```

```
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_DeleteCredentials_ArgumentNullExceptionFault_FaultMessag
e">
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
   </wsdl:message>
   <wsdl:message name="ISecureStoreServiceApplication_DeleteCredentials_InputMessage">
      <wsdl:part name="parameters" element="tns:DeleteCredentials"/>
   </wsdl:message>
   <wsdl:message name="ISecureStoreServiceApplication_DeleteCredentials_OutputMessage">
      <wsdl:part name="parameters" element="tns:DeleteCredentialsResponse"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_DeleteCredentials_SecureStoreServiceCredentialsNotFoundF
aultFault_FaultMessage">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceCredentialsNotFoundFault"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_DeleteCredentials_SecureStoreServiceFaultFault_FaultMess
age">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_DeleteCredentials_SecureStoreServiceTargetApplicationNot
FoundFaultFault_FaultMessage">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_DeleteUserCredentials_ArgumentExceptionFault_FaultMessag
e">
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_DeleteUserCredentials_ArgumentNullExceptionFault_FaultMe
ssage">
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
   </wsdl:message>
   <wsdl:message name="ISecureStoreServiceApplication_DeleteUserCredentials_InputMessage">
      <wsdl:part name="parameters" element="tns:DeleteUserCredentials"/>
   </wsdl:message>
   <wsdl:message name="ISecureStoreServiceApplication_DeleteUserCredentials_OutputMessage">
      <wsdl:part name="parameters" element="tns:DeleteUserCredentialsResponse"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_DeleteUserCredentials_SecureStoreServiceCredentialsNotFo
undFaultFault_FaultMessage">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceCredentialsNotFoundFault"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_DeleteUserCredentials_SecureStoreServiceFaultFault_Fault
Message">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
   </wsdl:message>
```

```
  <wsdl:message
name="ISecureStoreServiceApplication_DeleteUserCredentials_SecureStoreServiceTargetApplicatio
nNotFoundFaultFault_FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetAllConnectionSettings_ArgumentExceptionFault_FaultMes
sage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetAllConnectionSettings_ArgumentNullExceptionFault_Faul
tMessage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetAllConnectionSettings_InputMessage">
    <wsdl:part name="parameters" element="tns:GetAllConnectionSettings"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetAllConnectionSettings_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetAllConnectionSettingsResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetAllConnectionSettings_SecureStoreServiceFaultFault_Fa
ultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplication_ArgumentExceptionFault_FaultMessage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplication_ArgumentNullExceptionFault_FaultMessage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetApplication_InputMessage">
    <wsdl:part name="parameters" element="tns:GetApplication"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetApplication_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetApplicationResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplication_SecureStoreServiceFaultFault_FaultMessage
">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplication_SecureStoreServiceTargetApplicationNotFou
ndFaultFault_FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationAdministratorClaims_ArgumentExceptionFault
_FaultMessage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
  </wsdl:message>
```

```
    <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationAdministratorClaims_ArgumentNullExceptionF
ault_FaultMessage">
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationAdministratorClaims_InputMessage">
      <wsdl:part name="parameters" element="tns:GetApplicationAdministratorClaims"/>
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationAdministratorClaims_OutputMessage">
      <wsdl:part name="parameters" element="tns:GetApplicationAdministratorClaimsResponse"/>
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationAdministratorClaims_SecureStoreServiceFaul
tFault_FaultMessage">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationAdministratorClaims_SecureStoreServiceTarg
etApplicationNotFoundFaultFault_FaultMessage">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationClaims_ArgumentExceptionFault_FaultMessage
">
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationClaims_ArgumentNullExceptionFault_FaultMes
sage">
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
    </wsdl:message>
    <wsdl:message name="ISecureStoreServiceApplication_GetApplicationClaims_InputMessage">
      <wsdl:part name="parameters" element="tns:GetApplicationClaims"/>
    </wsdl:message>
    <wsdl:message name="ISecureStoreServiceApplication_GetApplicationClaims_OutputMessage">
      <wsdl:part name="parameters" element="tns:GetApplicationClaimsResponse"/>
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationClaims_SecureStoreServiceFaultFault_FaultM
essage">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationClaims_SecureStoreServiceTargetApplication
NotFoundFaultFault_FaultMessage">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationFields_ArgumentExceptionFault_FaultMessage
">
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationFields_ArgumentNullExceptionFault_FaultMes
sage">
```

```
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
   </wsdl:message>
   <wsdl:message name="ISecureStoreServiceApplication_GetApplicationFields_InputMessage">
      <wsdl:part name="parameters" element="tns:GetApplicationFields"/>
   </wsdl:message>
   <wsdl:message name="ISecureStoreServiceApplication_GetApplicationFields_OutputMessage">
      <wsdl:part name="parameters" element="tns:GetApplicationFieldsResponse"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationFields_SecureStoreServiceFaultFault_FaultM
essage">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationFields_SecureStoreServiceTargetApplication
NotFoundFaultFault_FaultMessage">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationGroupClaims_ArgumentExceptionFault_FaultMe
ssage">
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationGroupClaims_ArgumentNullExceptionFault_Fau
ltMessage">
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
   </wsdl:message>
   <wsdl:message name="ISecureStoreServiceApplication_GetApplicationGroupClaims_InputMessage">
      <wsdl:part name="parameters" element="tns:GetApplicationGroupClaims"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationGroupClaims_OutputMessage">
      <wsdl:part name="parameters" element="tns:GetApplicationGroupClaimsResponse"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationGroupClaims_SecureStoreServiceFaultFault_F
aultMessage">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationGroupClaims_SecureStoreServiceTargetApplic
ationNotFoundFaultFault_FaultMessage">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
   </wsdl:message>
   <wsdl:message name="ISecureStoreServiceApplication_GetApplications_InputMessage">
      <wsdl:part name="parameters" element="tns:GetApplications"/>
   </wsdl:message>
   <wsdl:message name="ISecureStoreServiceApplication_GetApplications_OutputMessage">
      <wsdl:part name="parameters" element="tns:GetApplicationsResponse"/>
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_GetApplications_SecureStoreServiceFaultFault_FaultMessag
e">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
   </wsdl:message>
```

```
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_ArgumentExceptionFaul
t_FaultMessage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_ArgumentNullException
Fault_FaultMessage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_InputMessage">
    <wsdl:part name="parameters" element="tns:GetApplicationTicketRedeemerClaims"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetApplicationTicketRedeemerClaimsResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_SecureStoreServiceFau
ltFault_FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_SecureStoreServiceTar
getApplicationNotFoundFaultFault_FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_InputMessage">
    <wsdl:part name="parameters" element="tns:GetChangeMasterSecretKeyToken"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetChangeMasterSecretKeyTokenResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetChildConnectionSettings_ArgumentExceptionFault_FaultM
essage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetChildConnectionSettings_ArgumentNullExceptionFault_Fa
ultMessage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetChildConnectionSettings_ConnectionSettingsNotFoundFau
ltFault_FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:ConnectionSettingsNotFoundFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetChildConnectionSettings_InputMessage">
    <wsdl:part name="parameters" element="tns:GetChildConnectionSettings"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetChildConnectionSettings_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetChildConnectionSettingsResponse"/>
  </wsdl:message>
```

```
  <wsdl:message
name="ISecureStoreServiceApplication_GetChildConnectionSettings_SecureStoreServiceFaultFault_
FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetConnectionSettings_ArgumentExceptionFault_FaultMessag
e">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetConnectionSettings_ArgumentNullExceptionFault_FaultMe
ssage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetConnectionSettings_ConnectionSettingsNotFoundFaultFau
lt_FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:ConnectionSettingsNotFoundFault"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetConnectionSettings_InputMessage">
    <wsdl:part name="parameters" element="tns:GetConnectionSettings"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetConnectionSettings_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetConnectionSettingsResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetConnectionSettings_SecureStoreServiceFaultFault_Fault
Message">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetCredentials_ArgumentExceptionFault_FaultMessage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetCredentials_ArgumentNullExceptionFault_FaultMessage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetCredentials_InputMessage">
    <wsdl:part name="parameters" element="tns:GetCredentials"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetCredentials_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetCredentialsResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetCredentials_SecureStoreServiceCredentialsNotFoundFaul
tFault_FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceCredentialsNotFoundFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetCredentials_SecureStoreServiceFaultFault_FaultMessage
">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
```

```
  <wsdl:message
name="ISecureStoreServiceApplication_GetCredentials_SecureStoreServiceTargetApplicationNotFou
ndFaultFault_FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetRestrictedCredentials_ArgumentExceptionFault_FaultMes
sage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetRestrictedCredentials_ArgumentNullExceptionFault_Faul
tMessage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetRestrictedCredentials_InputMessage">
    <wsdl:part name="parameters" element="tns:GetRestrictedCredentials"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetRestrictedCredentials_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetRestrictedCredentialsResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceCredentialsNo
tFoundFaultFault_FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceCredentialsNotFoundFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceFaultFault_Fa
ultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceTargetApplica
tionNotFoundFaultFault_FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetSystemApplications_InputMessage">
    <wsdl:part name="parameters" element="tns:GetSystemApplications"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetSystemApplications_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetSystemApplicationsResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetSystemApplications_SecureStoreServiceFaultFault_Fault
Message">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetUserApplication_ArgumentExceptionFault_FaultMessage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetUserApplication_ArgumentNullExceptionFault_FaultMessa
ge">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
```

```
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetUserApplication_InputMessage">
    <wsdl:part name="parameters" element="tns:GetUserApplication"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetUserApplication_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetUserApplicationResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetUserApplication_SecureStoreServiceFaultFault_FaultMes
sage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetUserApplication_SecureStoreServiceTargetApplicationNo
tFoundFaultFault_FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetUserApplicationFields_ArgumentExceptionFault_FaultMes
sage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetUserApplicationFields_ArgumentNullExceptionFault_Faul
tMessage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetUserApplicationFields_InputMessage">
    <wsdl:part name="parameters" element="tns:GetUserApplicationFields"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetUserApplicationFields_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetUserApplicationFieldsResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetUserApplicationFields_SecureStoreServiceFaultFault_Fa
ultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetUserApplicationFields_SecureStoreServiceTargetApplica
tionNotFoundFaultFault_FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetUserApplications_InputMessage">
    <wsdl:part name="parameters" element="tns:GetUserApplications"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetUserApplications_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetUserApplicationsResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetUserApplications_SecureStoreServiceFaultFault_FaultMe
ssage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_InputMessage">
    <wsdl:part name="parameters" element="tns:IsMasterSecretKeyPopulated"/>
```

```
      </wsdl:message>
      <wsdl:message
name="ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_OutputMessage">
        <wsdl:part name="parameters" element="tns:IsMasterSecretKeyPopulatedResponse"/>
      </wsdl:message>
      <wsdl:message name="ISecureStoreServiceApplication IssueTicket InputMessage">
        <wsdl:part name="parameters" element="tns:IssueTicket"/>
      </wsdl:message>
      <wsdl:message name="ISecureStoreServiceApplication_IssueTicket_OutputMessage">
        <wsdl:part name="parameters" element="tns:IssueTicketResponse"/>
      </wsdl:message>
      <wsdl:message
name="ISecureStoreServiceApplication_IssueTicket_SecureStoreServiceFaultFault_FaultMessage">
        <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
      </wsdl:message>
      <wsdl:message
name="ISecureStoreServiceApplication RedeemTicket ArgumentExceptionFault FaultMessage">
        <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
      </wsdl:message>
      <wsdl:message
name="ISecureStoreServiceApplication_RedeemTicket_ArgumentNullExceptionFault_FaultMessage">
        <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
      </wsdl:message>
      <wsdl:message name="ISecureStoreServiceApplication_RedeemTicket_InputMessage">
        <wsdl:part name="parameters" element="tns:RedeemTicket"/>
      </wsdl:message>
      <wsdl:message name="ISecureStoreServiceApplication RedeemTicket OutputMessage">
        <wsdl:part name="parameters" element="tns:RedeemTicketResponse"/>
      </wsdl:message>
      <wsdl:message
name="ISecureStoreServiceApplication_RedeemTicket_SecureStoreServiceCredentialsNotFoundFaultF
ault FaultMessage">
        <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceCredentialsNotFoundFault"/>
      </wsdl:message>
      <wsdl:message
name="ISecureStoreServiceApplication RedeemTicket SecureStoreServiceFaultFault FaultMessage">
        <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
      </wsdl:message>
      <wsdl:message
name="ISecureStoreServiceApplication RedeemTicket SecureStoreServiceTargetApplicationNotFound
FaultFault_FaultMessage">
        <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
      </wsdl:message>
      <wsdl:message name="ISecureStoreServiceApplication SetChangeKeyPassphrase InputMessage">
        <wsdl:part name="parameters" element="tns:SetChangeKeyPassphrase"/>
      </wsdl:message>
      <wsdl:message name="ISecureStoreServiceApplication SetChangeKeyPassphrase OutputMessage">
        <wsdl:part name="parameters" element="tns:SetChangeKeyPassphraseResponse"/>
      </wsdl:message>
      <wsdl:message
name="ISecureStoreServiceApplication_SetCredentials_ArgumentExceptionFault_FaultMessage">
        <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
      </wsdl:message>
      <wsdl:message
name="ISecureStoreServiceApplication_SetCredentials_ArgumentNullExceptionFault_FaultMessage">
        <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
      </wsdl:message>
```

```
<wsdl:message name="ISecureStoreServiceApplication SetCredentials InputMessage">
    <wsdl:part name="parameters" element="tns:SetCredentials"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_SetCredentials_OutputMessage">
    <wsdl:part name="parameters" element="tns:SetCredentialsResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetCredentials_SecureStoreServiceFaultFault_FaultMessage
">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetCredentials_SecureStoreServiceTargetApplicationNotFou
ndFaultFault_FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetGroupCredentials_ArgumentExceptionFault_FaultMessage"
>
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetGroupCredentials_ArgumentNullExceptionFault_FaultMess
age">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_SetGroupCredentials_InputMessage">
    <wsdl:part name="parameters" element="tns:SetGroupCredentials"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication SetGroupCredentials OutputMessage">
    <wsdl:part name="parameters" element="tns:SetGroupCredentialsResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication SetGroupCredentials SecureStoreServiceFaultFault FaultMe
ssage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetGroupCredentials_SecureStoreServiceTargetApplicationN
otFoundFaultFault FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_SetMasterSecretKey_InputMessage">
    <wsdl:part name="parameters" element="tns:SetMasterSecretKey"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_SetMasterSecretKey_OutputMessage">
    <wsdl:part name="parameters" element="tns:SetMasterSecretKeyResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetMasterSecretKey_SecureStoreServiceFaultFault_FaultMes
sage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetUserCredentials_ArgumentExceptionFault_FaultMessage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
```

```
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetUserCredentials_ArgumentNullExceptionFault_FaultMessa
ge">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_SetUserCredentials_InputMessage">
    <wsdl:part name="parameters" element="tns:SetUserCredentials"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication SetUserCredentials OutputMessage">
    <wsdl:part name="parameters" element="tns:SetUserCredentialsResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetUserCredentials_SecureStoreServiceFaultFault_FaultMes
sage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetUserCredentials_SecureStoreServiceTargetApplicationNo
tFoundFaultFault FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication UpdateApplication ArgumentExceptionFault FaultMessage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication UpdateApplication ArgumentNullExceptionFault FaultMessag
e">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_UpdateApplication_InputMessage">
    <wsdl:part name="parameters" element="tns:UpdateApplication"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication UpdateApplication OutputMessage">
    <wsdl:part name="parameters" element="tns:UpdateApplicationResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication UpdateApplication SecureStoreServiceFaultFault FaultMess
age">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_UpdateApplication_SecureStoreServiceTargetApplicationNot
FoundFaultFault FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_UpdateConnectionSettings_ArgumentExceptionFault_FaultMes
sage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentException"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_UpdateConnectionSettings_ArgumentNullExceptionFault_Faul
tMessage">
    <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException"/>
```

```
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_UpdateConnectionSettings_ConnectionSettingsNotFoundFault
Fault_FaultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:ConnectionSettingsNotFoundFault"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_UpdateConnectionSettings_InputMessage">
    <wsdl:part name="parameters" element="tns:UpdateConnectionSettings"/>
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_UpdateConnectionSettings_OutputMessage">
    <wsdl:part name="parameters" element="tns:UpdateConnectionSettingsResponse"/>
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_UpdateConnectionSettings_SecureStoreServiceFaultFault_Fa
ultMessage">
    <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault"/>
  </wsdl:message>
</wsdl:definitions>
```

7 Appendix B: Full XML Schema

Schema name	Prefix	Section
http://schemas.datacontract.org/2004/07 /Microsoft.BusinessData.Infrastructure.SecureStore	tns1	7.1
http://schemas.datacontract.org/2004/07 /Microsoft.Office.SecureStoreService.Server	q1	7.2
http://schemas.microsoft.com/2003/10/Serialization/Arrays	q2	7.6
http://schemas.microsoft.com/2003/10/Serialization/	tns2	7.3
http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice	tns	7.4
http://schemas.datacontract.org/2004/07/System.ServiceModel	q4	7.7
http://schemas.datacontract.org/2004/07/System	q3	7.5

For ease of implementation, the following sections provide the full XML schema for this protocol.

7.1 http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.SecureStore Schema

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" elementFormDefault="qualified"
targetNamespace="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructur
e.SecureStore" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays"/>
  <xs:simpleType name="TargetApplicationType">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Individual"/>
      <xs:enumeration value="Group"/>
      <xs:enumeration value="IndividualWithTicketing"/>
      <xs:enumeration value="GroupWithTicketing"/>
      <xs:enumeration value="RestrictedIndividual"/>
      <xs:enumeration value="RestrictedGroup"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:element name="TargetApplicationType" nillable="true"
type="tns1:TargetApplicationType"/>
  <xs:simpleType name="SecureStoreCredentialType">
    <xs:restriction base="xs:string">
      <xs:enumeration value="UserName"/>
      <xs:enumeration value="Password"/>
      <xs:enumeration value="Pin"/>
      <xs:enumeration value="Key"/>
      <xs:enumeration value="Generic"/>
      <xs:enumeration value="WindowsUserName"/>
      <xs:enumeration value="WindowsPassword"/>
      <xs:enumeration value="Certificate"/>
      <xs:enumeration value="CertificatePassword"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:element name="SecureStoreCredentialType" nillable="true"
type="tns1:SecureStoreCredentialType"/>
  <xs:complexType name="ConnectionSettings">
    <xs:sequence>
      <xs:element minOccurs="0" name="AuthenticationMode" nillable="true" type="xs:string"/>
```

```
        <xs:element minOccurs="0" name="ConnectionSettingsType"
type="tns1:ConnectionSettingsType"/>
        <xs:element xmlns:q2="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="CustomSettings" nillable="true" type="q2:ArrayOfKeyValueOfstringstring"/>
        <xs:element minOccurs="0" name="Description" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="Name" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="ParentName" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="ProxySSOApplicationId" nillable="true"
type="xs:string"/>
        <xs:element minOccurs="0" name="ProxyTarget" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="SSOApplicationId" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="SSOProviderImplId" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="Target" nillable="true" type="xs:string"/>
      </xs:sequence>
    </xs:complexType>
    <xs:element name="ConnectionSettings" nillable="true" type="tns1:ConnectionSettings"/>
    <xs:simpleType name="ConnectionSettingsType">
      <xs:restriction base="xs:string">
        <xs:enumeration value="None"/>
        <xs:enumeration value="OData"/>
        <xs:enumeration value="ODataMetadata"/>
        <xs:enumeration value="SQL"/>
      </xs:restriction>
    </xs:simpleType>
    <xs:element name="ConnectionSettingsType" nillable="true"
type="tns1:ConnectionSettingsType"/>
    <xs:complexType name="ArrayOfConnectionSettings">
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded" name="ConnectionSettings"
nillable="true" type="tns1:ConnectionSettings"/>
      </xs:sequence>
    </xs:complexType>
    <xs:element name="ArrayOfConnectionSettings" nillable="true"
type="tns1:ArrayOfConnectionSettings"/>
</xs:schema>
```

7.2 http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService. Server Schema

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
elementFormDefault="qualified"
targetNamespace="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.
Server" xmlns:xs="http://www.w3.org/2001/XMLSchema">
    <xs:import
namespace="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Secu
reStore"/>
    <xs:import namespace="http://schemas.datacontract.org/2004/07/System.ServiceModel"/>
    <xs:complexType name="SecureStoreServiceFault">
      <xs:sequence>
        <xs:element minOccurs="0" name="ErrorCode" type="q1:SecureStoreErrorCode"/>
        <xs:element xmlns:q4="http://schemas.datacontract.org/2004/07/System.ServiceModel"
minOccurs="0" name="InnerExceptionDetail" nillable="true" type="q4:ExceptionDetail"/>
        <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
      </xs:sequence>
    </xs:complexType>
    <xs:element name="SecureStoreServiceFault" nillable="true"
type="q1:SecureStoreServiceFault"/>
    <xs:simpleType name="SecureStoreErrorCode">
      <xs:restriction base="xs:string">
        <xs:enumeration value="General"/>
        <xs:enumeration value="AccessDenied"/>
        <xs:enumeration value="InvalidUserInput"/>
      </xs:restriction>
    </xs:simpleType>
    <xs:element name="SecureStoreErrorCode" nillable="true" type="q1:SecureStoreErrorCode"/>
```

```xml
    <xs:complexType name="TargetApplication">
      <xs:sequence>
        <xs:element name="appId" nillable="true" type="xs:string"/>
        <xs:element name="contactEmail" nillable="true" type="xs:string"/>
        <xs:element name="credentialManagementUrl" nillable="true" type="xs:anyURI"/>
        <xs:element name="friendlyName" nillable="true" type="xs:string"/>
        <xs:element name="ticketTimeout" type="xs:int"/>
        <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" name="type" type="tns1:TargetApplicationType"/>
      </xs:sequence>
    </xs:complexType>
    <xs:element name="TargetApplication" nillable="true" type="q1:TargetApplication"/>
    <xs:complexType name="ArrayOfTargetApplicationField">
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded" name="TargetApplicationField"
nillable="true" type="q1:TargetApplicationField"/>
      </xs:sequence>
    </xs:complexType>
    <xs:element name="ArrayOfTargetApplicationField" nillable="true"
type="q1:ArrayOfTargetApplicationField"/>
    <xs:complexType name="TargetApplicationField">
      <xs:sequence>
        <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" name="credentialType" type="tns1:SecureStoreCredentialType"/>
        <xs:element name="masked" type="xs:boolean"/>
        <xs:element name="name" nillable="true" type="xs:string"/>
      </xs:sequence>
    </xs:complexType>
    <xs:element name="TargetApplicationField" nillable="true"
type="q1:TargetApplicationField"/>
    <xs:complexType name="TargetApplicationClaims">
      <xs:sequence>
        <xs:element name="administratorClaims" nillable="true"
type="q1:ArrayOfSecureStoreServiceClaim"/>
        <xs:element name="groupClaims" nillable="true"
type="q1:ArrayOfSecureStoreServiceClaim"/>
        <xs:element name="ticketRedeemerClaims" nillable="true"
type="q1:ArrayOfSecureStoreServiceClaim"/>
      </xs:sequence>
    </xs:complexType>
    <xs:element name="TargetApplicationClaims" nillable="true"
type="q1:TargetApplicationClaims"/>
    <xs:complexType name="ArrayOfSecureStoreServiceClaim">
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded" name="SecureStoreServiceClaim"
nillable="true" type="q1:SecureStoreServiceClaim"/>
      </xs:sequence>
    </xs:complexType>
    <xs:element name="ArrayOfSecureStoreServiceClaim" nillable="true"
type="q1:ArrayOfSecureStoreServiceClaim"/>
    <xs:complexType name="SecureStoreServiceClaim">
      <xs:sequence>
        <xs:element name="claimIssuer" nillable="true" type="xs:string"/>
        <xs:element name="claimType" nillable="true" type="xs:string"/>
        <xs:element name="claimValue" nillable="true" type="xs:string"/>
      </xs:sequence>
    </xs:complexType>
    <xs:element name="SecureStoreServiceClaim" nillable="true"
type="q1:SecureStoreServiceClaim"/>
    <xs:complexType name="SecureStoreServiceTargetApplicationNotFoundFault">
      <xs:sequence>
        <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="TargetApplicationId" nillable="true" type="xs:string"/>
      </xs:sequence>
    </xs:complexType>
    <xs:element name="SecureStoreServiceTargetApplicationNotFoundFault" nillable="true"
type="q1:SecureStoreServiceTargetApplicationNotFoundFault"/>
```

```xml
  <xs:complexType name="ArrayOfTargetApplication">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" name="TargetApplication"
nillable="true" type="q1:TargetApplication"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ArrayOfTargetApplication" nillable="true"
type="q1:ArrayOfTargetApplication"/>
  <xs:complexType name="ArrayOfSerializableSecureStoreCredential">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded"
name="SerializableSecureStoreCredential" nillable="true"
type="q1:SerializableSecureStoreCredential"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ArrayOfSerializableSecureStoreCredential" nillable="true"
type="q1:ArrayOfSerializableSecureStoreCredential"/>
  <xs:complexType name="SerializableSecureStoreCredential">
    <xs:sequence>
      <xs:element name="credential" nillable="true" type="xs:base64Binary"/>
      <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" name="credentialType" type="tns1:SecureStoreCredentialType"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="SerializableSecureStoreCredential" nillable="true"
type="q1:SerializableSecureStoreCredential"/>
  <xs:complexType name="SecureStoreServiceCredentialsNotFoundFault">
    <xs:sequence>
      <xs:element minOccurs="0" name="CredentialManagementUrl" nillable="true"
type="xs:anyURI"/>
      <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="TargetApplicationId" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="SecureStoreServiceCredentialsNotFoundFault" nillable="true"
type="q1:SecureStoreServiceCredentialsNotFoundFault"/>
  <xs:complexType name="SecureStoreServiceConnectionSettingsAlreadyExistFault">
    <xs:sequence>
      <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="SecureStoreServiceConnectionSettingsAlreadyExistFault" nillable="true"
type="q1:SecureStoreServiceConnectionSettingsAlreadyExistFault"/>
  <xs:complexType name="ConnectionSettingsNotFoundFault">
    <xs:sequence>
      <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ConnectionSettingsNotFoundFault" nillable="true"
type="q1:ConnectionSettingsNotFoundFault"/>
</xs:schema>
```

7.3   http://schemas.microsoft.com/2003/10/Serialization/ Schema

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
attributeFormDefault="qualified" elementFormDefault="qualified"
targetNamespace="http://schemas.microsoft.com/2003/10/Serialization/"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:element name="anyType" nillable="true" type="xs:anyType"/>
  <xs:element name="anyURI" nillable="true" type="xs:anyURI"/>
  <xs:element name="base64Binary" nillable="true" type="xs:base64Binary"/>
  <xs:element name="boolean" nillable="true" type="xs:boolean"/>
  <xs:element name="byte" nillable="true" type="xs:byte"/>
  <xs:element name="dateTime" nillable="true" type="xs:dateTime"/>
  <xs:element name="decimal" nillable="true" type="xs:decimal"/>
```

```
    <xs:element name="double" nillable="true" type="xs:double"/>
    <xs:element name="float" nillable="true" type="xs:float"/>
    <xs:element name="int" nillable="true" type="xs:int"/>
    <xs:element name="long" nillable="true" type="xs:long"/>
    <xs:element name="QName" nillable="true" type="xs:QName"/>
    <xs:element name="short" nillable="true" type="xs:short"/>
    <xs:element name="string" nillable="true" type="xs:string"/>
    <xs:element name="unsignedByte" nillable="true" type="xs:unsignedByte"/>
    <xs:element name="unsignedInt" nillable="true" type="xs:unsignedInt"/>
    <xs:element name="unsignedLong" nillable="true" type="xs:unsignedLong"/>
    <xs:element name="unsignedShort" nillable="true" type="xs:unsignedShort"/>
    <xs:element name="char" nillable="true" type="tns2:char"/>
    <xs:simpleType name="char">
      <xs:restriction base="xs:int"/>
    </xs:simpleType>
    <xs:element name="duration" nillable="true" type="tns2:duration"/>
    <xs:simpleType name="duration">
      <xs:restriction base="xs:duration">
        <xs:pattern value="\-?P(\d*D)?(T(\d*H)?(\d*M)?(\d*(\.\d*)?S)?)?"/>
        <xs:minInclusive value="-P10675199DT2H48M5.4775808S"/>
        <xs:maxInclusive value="P10675199DT2H48M5.4775807S"/>
      </xs:restriction>
    </xs:simpleType>
    <xs:element name="guid" nillable="true" type="tns2:guid"/>
    <xs:simpleType name="guid">
      <xs:restriction base="xs:string">
        <xs:pattern value="[\da-fA-F]{8}-[\da-fA-F]{4}-[\da-fA-F]{4}-[\da-fA-F]{4}-[\da-fA-F]{12}"/>
      </xs:restriction>
    </xs:simpleType>
    <xs:attribute name="FactoryType" type="xs:QName"/>
    <xs:attribute name="Id" type="xs:ID"/>
    <xs:attribute name="Ref" type="xs:IDREF"/>
</xs:schema>
```

7.4 http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice Schema

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema elementFormDefault="qualified"
targetNamespace="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:import
namespace="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.SecureStore"/>
  <xs:import
namespace="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"/>
  <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/"/>
  <xs:element name="GetChangeMasterSecretKeyToken">
    <xs:complexType>
      <xs:sequence/>
    </xs:complexType>
  </xs:element>
  <xs:element name="GetChangeMasterSecretKeyTokenResponse">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="0" name="GetChangeMasterSecretKeyTokenResult" nillable="true"
type="xs:string"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="ChangeMasterSecretKey">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="0" name="token" nillable="true" type="xs:string"/>
```

```xml
        <xs:element minOccurs="0" name="passPhraseHash" nillable="true"
type="xs:base64Binary"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="IsMasterSecretKeyPopulated">
    <xs:complexType>
      <xs:sequence/>
    </xs:complexType>
  </xs:element>
  <xs:element name="IsMasterSecretKeyPopulatedResponse">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="0" name="IsMasterSecretKeyPopulatedResult" type="xs:boolean"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="SetMasterSecretKey">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="0" name="passPhraseHash" nillable="true"
type="xs:base64Binary"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="SetMasterSecretKeyResponse">
    <xs:complexType>
      <xs:sequence/>
    </xs:complexType>
  </xs:element>
  <xs:element name="SetChangeKeyPassphrase">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="0" name="passPhraseHash" nillable="true"
type="xs:base64Binary"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="SetChangeKeyPassphraseResponse">
    <xs:complexType>
      <xs:sequence/>
    </xs:complexType>
  </xs:element>
  <xs:element name="CreateApplication">
    <xs:complexType>
      <xs:sequence>
        <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
        <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="application" nillable="true" type="q1:TargetApplication"/>
        <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="applicationFields" nillable="true"
type="q1:ArrayOfTargetApplicationField"/>
        <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="applicationClaims" nillable="true" type="q1:TargetApplicationClaims"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="CreateApplicationResponse">
    <xs:complexType>
      <xs:sequence/>
    </xs:complexType>
  </xs:element>
  <xs:element name="UpdateApplication">
    <xs:complexType>
      <xs:sequence>
```

```xml
          <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
          <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="application" nillable="true" type="q1:TargetApplication"/>
          <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="applicationFields" nillable="true"
type="q1:ArrayOfTargetApplicationField"/>
          <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="applicationClaims" nillable="true" type="q1:TargetApplicationClaims"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="UpdateApplicationResponse">
      <xs:complexType>
        <xs:sequence/>
      </xs:complexType>
    </xs:element>
    <xs:element name="DeleteApplication">
      <xs:complexType>
        <xs:sequence>
          <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
          <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="DeleteApplicationResponse">
      <xs:complexType>
        <xs:sequence/>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetApplicationClaims">
      <xs:complexType>
        <xs:sequence>
          <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
          <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetApplicationClaimsResponse">
      <xs:complexType>
        <xs:sequence>
          <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetApplicationClaimsResult" nillable="true"
type="q1:TargetApplicationClaims"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetApplicationGroupClaims">
      <xs:complexType>
        <xs:sequence>
          <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
          <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetApplicationGroupClaimsResponse">
      <xs:complexType>
        <xs:sequence>
          <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetApplicationGroupClaimsResult" nillable="true"
type="q1:ArrayOfSecureStoreServiceClaim"/>
```

```xml
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetApplicationAdministratorClaims">
      <xs:complexType>
        <xs:sequence>
          <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
          <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetApplicationAdministratorClaimsResponse">
      <xs:complexType>
        <xs:sequence>
          <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetApplicationAdministratorClaimsResult" nillable="true"
type="q1:ArrayOfSecureStoreServiceClaim"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetApplicationTicketRedeemerClaims">
      <xs:complexType>
        <xs:sequence>
          <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
          <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetApplicationTicketRedeemerClaimsResponse">
      <xs:complexType>
        <xs:sequence>
          <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetApplicationTicketRedeemerClaimsResult" nillable="true"
type="q1:ArrayOfSecureStoreServiceClaim"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetApplication">
      <xs:complexType>
        <xs:sequence>
          <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
          <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetApplicationResponse">
      <xs:complexType>
        <xs:sequence>
          <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetApplicationResult" nillable="true" type="q1:TargetApplication"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetApplicationFields">
      <xs:complexType>
        <xs:sequence>
          <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
          <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetApplicationFieldsResponse">
```

```xml
      <xs:complexType>
        <xs:sequence>
          <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetApplicationFieldsResult" nillable="true"
type="q1:ArrayOfTargetApplicationField"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetApplications">
      <xs:complexType>
        <xs:sequence>
          <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetApplicationsResponse">
      <xs:complexType>
        <xs:sequence>
          <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetApplicationsResult" nillable="true"
type="q1:ArrayOfTargetApplication"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetUserApplications">
      <xs:complexType>
        <xs:sequence>
          <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetUserApplicationsResponse">
      <xs:complexType>
        <xs:sequence>
          <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetUserApplicationsResult" nillable="true"
type="q1:ArrayOfTargetApplication"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetSystemApplications">
      <xs:complexType>
        <xs:sequence>
          <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetSystemApplicationsResponse">
      <xs:complexType>
        <xs:sequence>
          <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetSystemApplicationsResult" nillable="true"
type="q1:ArrayOfTargetApplication"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="SetUserCredentials">
      <xs:complexType>
        <xs:sequence>
          <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
          <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
```

```
          <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="claim" nillable="true" type="q1:SecureStoreServiceClaim"/>
          <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="credentials" nillable="true"
type="q1:ArrayOfSerializableSecureStoreCredential"/>
        </xs:sequence>
      </xs:complexType>
  </xs:element>
  <xs:element name="SetUserCredentialsResponse">
    <xs:complexType>
      <xs:sequence/>
    </xs:complexType>
  </xs:element>
  <xs:element name="SetGroupCredentials">
    <xs:complexType>
      <xs:sequence>
        <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
        <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
        <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="credentials" nillable="true"
type="q1:ArrayOfSerializableSecureStoreCredential"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="SetGroupCredentialsResponse">
    <xs:complexType>
      <xs:sequence/>
    </xs:complexType>
  </xs:element>
  <xs:element name="DeleteUserCredentials">
    <xs:complexType>
      <xs:sequence>
        <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
        <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
        <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="claim" nillable="true" type="q1:SecureStoreServiceClaim"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="DeleteUserCredentialsResponse">
    <xs:complexType>
      <xs:sequence/>
    </xs:complexType>
  </xs:element>
  <xs:element name="DeleteAllUserCredentials">
    <xs:complexType>
      <xs:sequence>
        <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
        <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="claim" nillable="true" type="q1:SecureStoreServiceClaim"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="DeleteAllUserCredentialsResponse">
    <xs:complexType>
      <xs:sequence/>
    </xs:complexType>
  </xs:element>
  <xs:element name="IssueTicket">
    <xs:complexType>
      <xs:sequence>
```

```xml
        <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="IssueTicketResponse">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="0" name="IssueTicketResult" nillable="true" type="xs:string"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="RedeemTicket">
    <xs:complexType>
      <xs:sequence>
        <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
        <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="base64EncodedTicket" nillable="true"
type="xs:string"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="RedeemTicketResponse">
    <xs:complexType>
      <xs:sequence>
        <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="RedeemTicketResult" nillable="true"
type="q1:ArrayOfSerializableSecureStoreCredential"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="GetCredentials">
    <xs:complexType>
      <xs:sequence>
        <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
        <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="GetCredentialsResponse">
    <xs:complexType>
      <xs:sequence>
        <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetCredentialsResult" nillable="true"
type="q1:ArrayOfSerializableSecureStoreCredential"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="GetRestrictedCredentials">
    <xs:complexType>
      <xs:sequence>
        <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
        <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="GetRestrictedCredentialsResponse">
    <xs:complexType>
      <xs:sequence>
        <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetRestrictedCredentialsResult" nillable="true"
type="q1:ArrayOfSerializableSecureStoreCredential"/>
      </xs:sequence>
```

```xml
          </xs:complexType>
      </xs:element>
      <xs:element name="SetCredentials">
        <xs:complexType>
          <xs:sequence>
            <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
            <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
            <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="credentials" nillable="true"
type="q1:ArrayOfSerializableSecureStoreCredential"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="SetCredentialsResponse">
        <xs:complexType>
          <xs:sequence/>
        </xs:complexType>
      </xs:element>
      <xs:element name="DeleteCredentials">
        <xs:complexType>
          <xs:sequence>
            <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
            <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="DeleteCredentialsResponse">
        <xs:complexType>
          <xs:sequence/>
        </xs:complexType>
      </xs:element>
      <xs:element name="GetUserApplication">
        <xs:complexType>
          <xs:sequence>
            <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
            <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="GetUserApplicationResponse">
        <xs:complexType>
          <xs:sequence>
            <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetUserApplicationResult" nillable="true" type="q1:TargetApplication"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="GetUserApplicationFields">
        <xs:complexType>
          <xs:sequence>
            <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
            <xs:element minOccurs="0" name="applicationId" nillable="true" type="xs:string"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="GetUserApplicationFieldsResponse">
        <xs:complexType>
          <xs:sequence>
            <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="GetUserApplicationFieldsResult" nillable="true"
type="q1:ArrayOfTargetApplicationField"/>
          </xs:sequence>
```

```
        </xs:complexType>
      </xs:element>
      <xs:element name="CreateConnectionSettings">
        <xs:complexType>
          <xs:sequence>
            <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
            <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" minOccurs="0" name="connectionSettings" nillable="true"
type="tns1:ConnectionSettings"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="CreateConnectionSettingsResponse">
        <xs:complexType>
          <xs:sequence/>
        </xs:complexType>
      </xs:element>
      <xs:element name="GetConnectionSettings">
        <xs:complexType>
          <xs:sequence>
            <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
            <xs:element minOccurs="0" name="name" nillable="true" type="xs:string"/>
            <xs:element minOccurs="0" name="includeCredentials" type="xs:boolean"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="GetConnectionSettingsResponse">
        <xs:complexType>
          <xs:sequence>
            <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" minOccurs="0" name="GetConnectionSettingsResult" nillable="true"
type="tns1:ConnectionSettings"/>
            <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="targetCredentials" nillable="true"
type="q1:ArrayOfSerializableSecureStoreCredential"/>
            <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="0" name="proxyCredentials" nillable="true"
type="q1:ArrayOfSerializableSecureStoreCredential"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="GetChildConnectionSettings">
        <xs:complexType>
          <xs:sequence>
            <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
            <xs:element minOccurs="0" name="parentName" nillable="true" type="xs:string"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="GetChildConnectionSettingsResponse">
        <xs:complexType>
          <xs:sequence>
            <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" minOccurs="0" name="GetChildConnectionSettingsResult" nillable="true"
type="tns1:ConnectionSettings"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="GetAllConnectionSettings">
        <xs:complexType>
          <xs:sequence>
```

```
              <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
              <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" minOccurs="0" name="type" type="tns1:ConnectionSettingsType"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="GetAllConnectionSettingsResponse">
          <xs:complexType>
            <xs:sequence>
              <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" minOccurs="0" name="GetAllConnectionSettingsResult" nillable="true"
type="tns1:ArrayOfConnectionSettings"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="UpdateConnectionSettings">
          <xs:complexType>
            <xs:sequence>
              <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
              <xs:element
xmlns:tns1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Sec
ureStore" minOccurs="0" name="connectionSettings" nillable="true"
type="tns1:ConnectionSettings"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="UpdateConnectionSettingsResponse">
          <xs:complexType>
            <xs:sequence/>
          </xs:complexType>
        </xs:element>
        <xs:element name="DeleteConnectionSettings">
          <xs:complexType>
            <xs:sequence>
              <xs:element xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="0" name="rawPartitionId" type="tns2:guid"/>
              <xs:element minOccurs="0" name="name" nillable="true" type="xs:string"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="DeleteConnectionSettingsResponse">
          <xs:complexType>
            <xs:sequence/>
          </xs:complexType>
        </xs:element>
</xs:schema>
```

7.5 http://schemas.datacontract.org/2004/07/System Schema

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:tns2="http://schemas.microsoft.com/2003/10/Serialization/"
xmlns:q3="http://schemas.datacontract.org/2004/07/System" elementFormDefault="qualified"
targetNamespace="http://schemas.datacontract.org/2004/07/System"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/"/>
  <xs:complexType name="ArgumentException">
    <xs:complexContent mixed="false">
      <xs:extension base="q3:SystemException"/>
    </xs:complexContent>
  </xs:complexType>
  <xs:element name="ArgumentException" nillable="true" type="q3:ArgumentException"/>
  <xs:complexType name="SystemException">
    <xs:complexContent mixed="false">
```

```
            <xs:extension base="q3:Exception"/>
        </xs:complexContent>
    </xs:complexType>
    <xs:element name="SystemException" nillable="true" type="q3:SystemException"/>
    <xs:complexType name="Exception">
        <xs:sequence>
            <xs:any minOccurs="0" maxOccurs="unbounded" namespace="##local"
processContents="skip"/>
        </xs:sequence>
        <xs:attribute ref="tns2:FactoryType"/>
    </xs:complexType>
    <xs:element name="Exception" nillable="true" type="q3:Exception"/>
    <xs:complexType name="ArgumentNullException">
        <xs:complexContent mixed="false">
            <xs:extension base="q3:ArgumentException"/>
        </xs:complexContent>
    </xs:complexType>
    <xs:element name="ArgumentNullException" nillable="true" type="q3:ArgumentNullException"/>
    <xs:complexType name="ArgumentOutOfRangeException">
        <xs:complexContent mixed="false">
            <xs:extension base="q3:ArgumentException"/>
        </xs:complexContent>
    </xs:complexType>
    <xs:element name="ArgumentOutOfRangeException" nillable="true"
type="q3:ArgumentOutOfRangeException"/>
</xs:schema>
```

7.6   http://schemas.microsoft.com/2003/10/Serialization/Arrays Schema

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:q2="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
elementFormDefault="qualified"
targetNamespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
    <xs:complexType name="ArrayOfKeyValueOfstringstring">
        <xs:sequence>
            <xs:element minOccurs="0" maxOccurs="unbounded" name="KeyValueOfstringstring">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="Key" nillable="true" type="xs:string"/>
                        <xs:element name="Value" nillable="true" type="xs:string"/>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:element name="ArrayOfKeyValueOfstringstring" nillable="true"
type="q2:ArrayOfKeyValueOfstringstring"/>
</xs:schema>
```

7.7   http://schemas.datacontract.org/2004/07/System.ServiceModel Schema

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:q4="http://schemas.datacontract.org/2004/07/System.ServiceModel"
elementFormDefault="qualified"
targetNamespace="http://schemas.datacontract.org/2004/07/System.ServiceModel"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
    <xs:complexType name="ExceptionDetail">
        <xs:sequence>
            <xs:element minOccurs="0" name="HelpLink" nillable="true" type="xs:string"/>
            <xs:element minOccurs="0" name="InnerException" nillable="true"
type="q4:ExceptionDetail"/>
            <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string"/>
            <xs:element minOccurs="0" name="StackTrace" nillable="true" type="xs:string"/>
            <xs:element minOccurs="0" name="Type" nillable="true" type="xs:string"/>
```

```
        </xs:sequence>
      </xs:complexType>
      <xs:element name="ExceptionDetail" nillable="true" type="q4:ExceptionDetail"/>
    </xs:schema>
```

8 Appendix C: Product Behavior

The information in this specification is applicable to the following Microsoft products or supplemental software. References to product versions include updates to those products.

- Microsoft SharePoint Server 2010

- Microsoft SharePoint Server 2013

- Microsoft SharePoint Server 2016

- Microsoft SharePoint Server 2019

- Microsoft SharePoint Server Subscription Edition

Exceptions, if any, are noted in this section. If an update version, service pack or Knowledge Base (KB) number appears with a product name, the behavior changed in that update. The new behavior also applies to subsequent updates unless otherwise specified. If a product edition appears with the product version, behavior is different in that product edition.

Unless otherwise specified, any statement of optional behavior in this specification that is prescribed using the terms "SHOULD" or "SHOULD NOT" implies product behavior in accordance with the SHOULD or SHOULD NOT prescription. Unless otherwise specified, the term "MAY" implies that the product does not follow the prescription.

<1> Section 2.2.4: This type is available only in SharePoint Server 2013.

<2> Section 2.2.4: This type is available only in SharePoint Server 2013.

<3> Section 2.2.4: This type is available only in SharePoint Server 2013.

<4> Section 2.2.4: This type is available only in SharePoint Server 2013.

<5> Section 2.2.4: This type is available only in SharePoint Server 2013.

<6> Section 2.2.4.18: This type is available only in SharePoint Server 2013.

<7> Section 2.2.4.19: This type is available only in SharePoint Server 2013.

<8> Section 2.2.4.20: This type is available only in SharePoint Server 2013.

<9> Section 2.2.4.21: This type is available only in SharePoint Server 2013.

<10> Section 2.2.4.22: This type is available only in SharePoint Server 2013.

<11> Section 2.2.5: This type is available only in SharePoint Server 2013.

<12> Section 2.2.5: This type is available only in SharePoint Server 2013.

<13> Section 2.2.5.6: This type is available only in SharePoint Server 2013.

<14> Section 2.2.5.7: This type is available only in SharePoint Server 2013.

<15> Section 3.1.4: This operation is available only in SharePoint Server 2013.

<16> Section 3.1.4: This operation is available only in SharePoint Server 2013.

<17> Section 3.1.4: This operation is available only in SharePoint Server 2013.

<18> Section 3.1.4: This operation is available only in SharePoint Server 2013.

<19> Section 3.1.4: This operation is available only in SharePoint Server 2013.

<20> Section 3.1.4: This operation is available only in SharePoint Server 2013.

<21> Section 3.1.4.2: SharePoint Server 2010 will not return this error and the new target application is saved in the server. But the server will return a **SecureStoreServiceFault** error if the client later calls the **GetApplication** or **GetApplications** operation to retrieve the target application.

<22> Section 3.1.4.14: Microsoft SharePoint Foundation 2010 invalidates the token after 1 minute.

<23> Section 3.1.4.29: This operation is available only in SharePoint Server 2013.

<24> Section 3.1.4.30: This operation is available only in SharePoint Server 2013.

<25> Section 3.1.4.31: This operation is available only in SharePoint Server 2013.

<26> Section 3.1.4.32: This operation is available only in SharePoint Server 2013.

<27> Section 3.1.4.33: This operation is available only in SharePoint Server 2013.

<28> Section 3.1.4.34: This operation is available only in SharePoint Server 2013.

9   Change Tracking

No table of changes is available. The document is either new or has had no changes since its last release.

10 Index