

[MS-OXWSSMBX]: Site Mailbox Web Service Protocol

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Revision Summary

Date	Revision History	Revision Class	Comments
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10/08/2012	1.0	Major	Significantly changed the technical content.
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1 Introduction

The Site Mailbox Web Service Protocol enables clients to use a **web service** to manage access to **site mailboxes**. It provides operations to set the lifecycle state of a site mailbox or unpin it from the client.

Sections 1.8, 2, and 3 of this specification are normative and can contain the terms MAY, SHOULD, MUST, MUST NOT, and SHOULD NOT as defined in [\[RFC2119\]](#). Sections 1.5 and 1.9 are also normative but do not contain those terms. All other sections and examples in this specification are informative.

1.1 Glossary

The following terms are defined in [MS-OXGLOS]:

- email address**
- endpoint**
- Hypertext Transfer Protocol (HTTP)**
- Hypertext Transfer Protocol over Secure Sockets Layer (HTTPS)**
- mailbox**
- site mailbox**
- SOAP**
- SOAP action**
- SOAP body**
- SOAP header**
- Uniform Resource Locator (URL)**
- web server**
- web service**
- Web Services Description Language (WSDL)**
- WSDL message**
- WSDL operation**
- WSDL port type**
- XML namespace**
- XML namespace prefix**
- XML schema**

The following terms are specific to this document:

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

References to Microsoft Open Specification documents do not include a publishing year because links are to the latest version of the documents, which are updated frequently. References to other documents include a publishing year when one is available.

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.

[MS-OXDCLI] Microsoft Corporation, "[Autodiscover Publishing and Lookup Protocol](#)".

[MS-OXWSADISC] Microsoft Corporation, "[Autodiscover Publishing and Lookup SOAP-Based Web Service Protocol](#)".

[MS-OXWSCDATA] Microsoft Corporation, "[Common Web Service Data Types](#)".

[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>

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

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

[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>

[WSIBASIC] Ballinger, K., Ehnebuske, D., Gudgin, M., et al., Eds., "Basic Profile Version 1.0", Final Material, April 2004, <http://www.ws-i.org/Profiles/BasicProfile-1.0-2004-04-16.html>

[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] Thompson, H., Beech, D., Maloney, M., and Mendelsohn, N., Eds., "XML Schema Part 1: Structures", W3C Recommendation, May 2001, <http://www.w3.org/TR/2001/REC-xmlschema-1-20010502/>

[XMLSCHEMA2] Biron, P.V., Ed. and Malhotra, A., Ed., "XML Schema Part 2: Datatypes", W3C Recommendation, May 2001, <http://www.w3.org/TR/2001/REC-xmlschema-2-20010502/>

1.2.2 Informative References

[MS-OXGLOS] Microsoft Corporation, "[Exchange Server Protocols Master Glossary](#)".

[MS-OXPROTO] Microsoft Corporation, "[Exchange Server Protocols System Overview](#)".

1.3 Overview

Site mailboxes differ from primary **mailboxes** in that multiple users can access a site mailbox, while only a single user accesses a primary mailbox. A site mailbox can have multiple owners, members, and guests, each with a different level of permissions.

The Site Mailbox Web Service Protocol provides operations to set the lifecycle state of a site mailbox or unpin a site mailbox from a client.

1.4 Relationship to Other Protocols

A client that implements this protocol can use the Autodiscover Publishing and Lookup SOAP-Based Web Service Protocol, as described in [\[MS-OXWSADISC\]](#), or the Autodiscover Publishing and Lookup Protocol, as described in [\[MS-OXDCLI\]](#), to identify the target **endpoint** (4) to use for each operation.

This protocol uses **SOAP**, as described in [\[SOAP1.1\]](#), to specify the structure information that is exchanged between the client and the server. This protocol uses the **XML schema**, as described in

[\[XMLSCHEMA1\]](#) and [\[XMLSCHEMA2\]](#), to describe the message content that is sent to and from the server.

This protocol uses SOAP over **HTTP**, as described in [\[RFC2616\]](#), and SOAP over **HTTPS**, as described in [\[RFC2818\]](#), as shown in the following layering diagram.

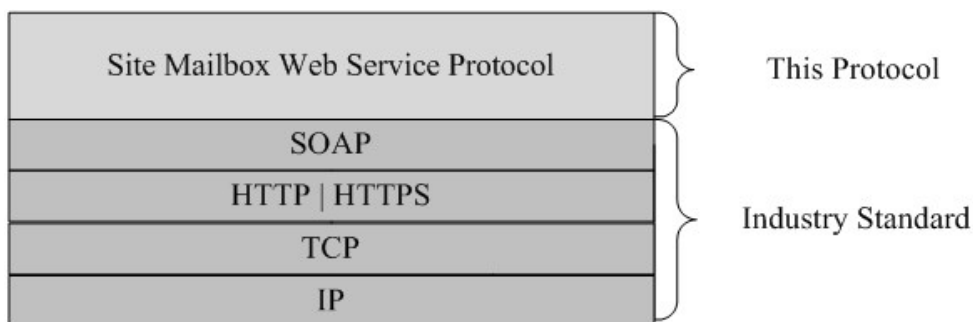


Figure 1: This protocol in relation to other protocols

For conceptual background information and overviews of the relationships and interactions between this and other protocols, see [\[MS-OXPROTO\]](#).

1.5 Prerequisites/Preconditions

The operations that this protocol defines cannot be accessed unless the correct endpoint (4) is identified in the HTTP web requests that target this protocol. This endpoint (4) **URL** is returned by either the Autodiscover Publishing Lookup SOAP-Based Web Service Protocol, as specified in [\[MS-OXWSADISC\]](#), or the Autodiscover Publishing and Lookup Protocol, as specified in [\[MS-OXDCLI\]](#).

1.6 Applicability Statement

This protocol is applicable to environments that use web services to implement site mailboxes. This protocol is applicable to all SOAP-based clients, as described in [\[SOAP1.1\]](#).

1.7 Versioning and Capability Negotiation

This document covers versioning issues in the following areas:

- **Supported Transports:** This protocol uses SOAP 1.1, as described in section [2.1](#).
- **Protocol Versions:** This protocol specifies only one **WSDL port type** version. The **RequestServerVersion** element, as described in [\[MS-OXWSCDATA\]](#) section [2.2.4.7](#), identifies the WSDL port type version of the request. The **ServerVersionInfo** element, as described in [\[MS-OXWSCDATA\]](#) section [2.2.4.8](#), identifies the version of the server responding to the request.
- **Security and Authentication Methods:** This protocol relies on the **web server** that is hosting it to perform authentication.
- **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 provides a base description of the protocol. The schema in this specification provides a base description of the message syntax. The text that specifies the WSDL and schema might specify restrictions that reflect actual protocol 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, or present.

2.1 Transport

This protocol uses SOAP 1.1, as specified in [\[SOAP1.1\]](#).

The protocol **MUST** support SOAP over HTTP, as specified in [\[RFC2616\]](#). The protocol **SHOULD** use secure communications by means of HTTPS, as defined in [\[RFC2818\]](#).

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 defined in [\[XMLSCHEMA1\]](#) and [\[XMLSCHEMA2\]](#), and Web Services Description Language (WSDL), as defined 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
m	http://schemas.microsoft.com/exchange/services/2006/messages	
soap	http://schemas.xmlsoap.org/wsdl/soap/	[SOAP1.1]
t	http://schemas.microsoft.com/exchange/services/2006/types	
wsdl	http://schemas.xmlsoap.org/wsdl/	[WSDL]
wsi	http://ws-i.org/schemas/conformanceClaim/	[WSIBASIC]
xs	http://www.w3.org/2001/XMLSchema	[XMLSCHEMA1] [XMLSCHEMA2]

2.2.2 Messages

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

2.2.3 Elements

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

2.2.4 Complex Types

This specification does not define any common XML schema complex type definitions.

2.2.5 Simple Types

This specification does not define any common XML schema simple type definitions.

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.

3 Protocol Details

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.

In the following sections, the schema definition might be less restrictive than 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 specifies additional restrictions 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.

3.1 ExchangeServicePortType Server Details

This protocol defines a single WSDL port type and two operations that set the lifecycle state of a site mailbox and unpin a site mailbox from a client.

3.1.1 Abstract Data Model

None.

3.1.2 Timers

None.

3.1.3 Initialization

None.

3.1.4 Message Processing Events and Sequencing Rules

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

Operation	Description
SetTeamMailbox	The SetTeamMailbox WSDL operation sets the lifecycle state of a site mailbox.
UnpinTeamMailbox	The UnpinTeamMailbox WSDL operation unpins the site mailbox from the client by removing it from the Autodiscover response.

3.1.4.1 SetTeamMailbox

The **SetTeamMailbox WSDL operation** sets the lifecycle state of a site mailbox.

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

```
<wsdl:operation name="SetTeamMailbox" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input message="m:SetTeamMailboxSoapIn"/>
  <wsdl:output message="m:SetTeamMailboxSoapOut"/>
</wsdl:operation>
```

The following is the WSDL binding specification of the **SetTeamMailbox WSDL operation**.

```

<wsdl:operation name="SetTeamMailbox" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <soap:operation
    soapAction="http://schemas.microsoft.com/exchange/services/2006/messages/SetTeamMailbox"
    xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" />
  <wsdl:input>
    <soap:body use="literal" parts="request"
      xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" />
    <soap:header message="m:SetTeamMailboxSoapIn" part="RequestVersion" use="literal"
      xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" />
    <soap:header message="m:SetTeamMailboxSoapIn" part="ManagementRole" use="literal"
      xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" />
  </wsdl:input>
  <wsdl:output>
    <soap:body use="literal" parts="SetTeamMailboxResult"
      xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" />
    <soap:header message="m:SetTeamMailboxSoapOut" part="ServerVersion" use="literal"
      xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" />
  </wsdl:output>
</wsdl:operation>

```

The protocol client sends a **SetTeamMailboxSoapIn** request WSDL message and the protocol server responds with a **SetTeamMailboxSoapOut** response WSDL message.

3.1.4.1.1 Messages

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

Message	Description
SetTeamMailboxSoapIn	Specifies a request to set the lifecycle state of a site mailbox.
SetTeamMailboxSoapOut	Specifies the response to a SetTeamMailboxSoapIn request WSDL message.

3.1.4.1.1.1 SetTeamMailboxSoapIn

The **SetTeamMailboxSoapIn** WSDL message specifies a request to set the lifecycle state of a site mailbox.

The following is the **SetTeamMailboxSoapIn** WSDL message specification.

```

<wsdl:message name="SetTeamMailboxSoapIn" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:part name="request" element="m:SetTeamMailbox"/>
  <wsdl:part name="RequestVersion" element="t:RequestServerVersion"/>
  <wsdl:part name="ManagementRole" element="t:ManagementRole"/>
</wsdl:message>

```

The **SetTeamMailboxSoapIn** WSDL message is the input message for the **SOAP action** <http://schemas.microsoft.com/exchange/services/2006/messages/SetTeamMailbox>.

The parts of the **SetTeamMailboxSoapIn** WSDL message are described in the following table.

Part name	Element/type	Description
request	SetTeamMailbox (section 3.1.4.1.2.1)	Specifies the SOAP body of a request to set the lifecycle state of a site mailbox.
RequestVersion	RequestServerVersion ([MS-OXWSCDATA] section 2.2.3.9)	Specifies a SOAP header that identifies the schema version for the SetTeamMailbox WSDL operation request.
ManagementRole	ManagementRole ([MS-OXWSCDATA] section 2.2.3.7)	Specifies a SOAP header that identifies a user or application role.

3.1.4.1.1.2 SetTeamMailboxSoapOut

The **SetTeamMailboxSoapOut** WSDL message specifies the response to a **SetTeamMailboxSoapIn** request WSDL message.

The following is the **SetTeamMailboxSoapOut** WSDL message specification.

```
<wsdl:message name="SetTeamMailboxSoapOut" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:part name="SetTeamMailboxResult" element="m:SetTeamMailboxResponse"/>
  <wsdl:part name="ServerVersion" element="t:ServerVersionInfo"/>
</wsdl:message>
```

The **SetTeamMailboxSoapOut** WSDL message is the output message for the SOAP action <http://schemas.microsoft.com/exchange/services/2006/messages/SetTeamMailbox>.

The parts of the **SetTeamMailboxSoapOut** WSDL message are described in the following table.

Part name	Element/type	Description
SetTeamMailboxResult	SetTeamMailboxResponse (section 3.1.4.1.2.2)	Specifies the SOAP body of the response.
ServerVersion	ServerVersionInfo ([MS-OXWSCDATA] section 2.2.3.10)	Specifies a SOAP header that identifies the server version for the response.

A successful **SetTeamMailbox** WSDL operation request returns a **SetTeamMailboxResponse** element with the **ResponseClass** attribute (as specified in [\[MS-OXWSCDATA\]](#) section 2.2.4.57) set to "Success". The **ResponseCode** element (as specified in [\[MS-OXWSCDATA\]](#) section 2.2.4.57) of the **SetTeamMailboxResponse** element is set to "NoError".

If the **SetTeamMailbox** WSDL operation request is not successful, it returns a **SetTeamMailboxResponse** element with the **ResponseClass** attribute (as specified in [\[MS-OXWSCDATA\]](#) section 2.2.4.57) set to "Error". The **ResponseCode** element (as specified in [\[MS-OXWSCDATA\]](#) section 2.2.4.57) of the **SetTeamMailboxResponse** element is set to one of the common error codes defined in [\[MS-OXWSCDATA\]](#) section 2.2.5.23.

3.1.4.1.2 Elements

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

Element	Description
SetTeamMailbox	The input data for the SetTeamMailbox WSDL operation.
SetTeamMailboxResponse	The result data for the SetTeamMailbox WSDL operation.

3.1.4.1.2.1 SetTeamMailbox

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

```
<xs:element name="SetTeamMailbox" type="m:SetTeamMailboxRequestType"
xmlns:xs="http://www.w3.org/2001/XMLSchema"/>
```

3.1.4.1.2.2 SetTeamMailboxResponse

The **SetTeamMailboxResponse** element specifies the result data for the **SetTeamMailbox** WSDL operation.

```
<xs:element name="SetTeamMailboxResponse" type="m:SetTeamMailboxResponseMessageType"
xmlns:xs="http://www.w3.org/2001/XMLSchema"/>
```

3.1.4.1.3 Complex Types

The following table summarizes the XML schema complex type definitions that are specific to this operation.

Complex type	Description
SetTeamMailboxRequestType	Specifies the request for the SetTeamMailbox WSDL operation.
SetTeamMailboxResponseMessageType	Specifies the response for the SetTeamMailbox WSDL operation.

3.1.4.1.3.1 SetTeamMailboxRequestType

Namespace: <http://schemas.microsoft.com/exchange/services/2006/messages>

The **SetTeamMailboxRequestType** complex type specifies the request for the **SetTeamMailbox** WSDL operation. The **SetTeamMailboxRequestType** complex type extends the **BaseRequestType** complex type, as specified in [\[MS-OXWSCDATA\]](#) section 2.2.4.15.

```
<xs:complexType name="SetTeamMailboxRequestType" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexContent mixed="false">
    <xs:extension base="m:BaseRequestType">
      <xs:sequence>
        <xs:element name="EmailAddress" type="t:EmailAddressType"/>
        <xs:element name="SharePointSiteUrl" type="xs:string"/>
        <xs:element name="State" type="t:TeamMailboxLifecycleStateType"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
```

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

EmailAddress: An element of type **EmailAddressType**, as defined in [\[MS-OXWSCDATA\]](#) section 2.2.4.27, that represents the **email address** of the site mailbox.

SharePointSiteUrl: An element of type **string**, as defined in [\[XMLSCHEMA2\]](#), that represents the URL of the web-based collaboration environment that is linked to the site mailbox.

State: An element of type **TeamMailboxLifecycleStateType** (section [3.1.4.1.4.1](#)) that represents the target site mailbox lifecycle state to set.

3.1.4.1.3.2 SetTeamMailboxResponseMessageType

Namespace: <http://schemas.microsoft.com/exchange/services/2006/messages>

The **SetTeamMailboxResponseMessageType** complex type specifies the response for the **SetTeamMailbox** WSDL operation. The **SetTeamMailboxResponseMessageType** complex type extends the **ResponseMessageType** complex type, as described in [\[MS-OXWSCDATA\]](#) section 2.2.4.57.

```
<xs:complexType name="SetTeamMailboxResponseMessageType"
  xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexContent mixed="false">
    <xs:extension base="m:ResponseMessageType"/>
  </xs:complexContent>
</xs:complexType>
```

3.1.4.1.4 Simple Types

The following table summarizes the XML schema simple type definitions that are specific to this operation.

Simple type	Description
TeamMailboxLifecycleStateType	Indicates the type of the site mailbox lifecycle state.

3.1.4.1.4.1 TeamMailboxLifecycleStateType

Namespace: <http://schemas.microsoft.com/exchange/services/2006/types>

The **TeamMailboxLifecycleStateType** simple type indicates the type of the site mailbox lifecycle state.

```
<xs:simpleType name="TeamMailboxLifecycleStateType"
  xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Active"/>
    <xs:enumeration value="Closed"/>
    <xs:enumeration value="Unlinked"/>
    <xs:enumeration value="PendingDelete"/>
  </xs:restriction>
</xs:simpleType>
```

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

Value	Meaning
Active	A site mailbox is in active use.
Closed	A site mailbox has been closed and is not in active use.
Unlinked	A site mailbox is not linked to a web-based collaboration environment. The "Active", "Closed", and "PendingDelete" values are mutually exclusive, but the "Unlinked" value is not mutually exclusive of the other values.
PendingDelete	A site mailbox is pending deletion. A site mailbox has to be closed first before it can be set as "PendingDelete".

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 UnpinTeamMailbox

The **UnpinTeamMailbox** WSDL operation unpins the site mailbox from the client by removing it from the Autodiscover response.

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

```
<wsdl:operation name="UnpinTeamMailbox" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:input message="m:UnpinTeamMailboxSoapIn"/>
  <wsdl:output message="m:UnpinTeamMailboxSoapOut"/>
</wsdl:operation>
```

The following is the WSDL binding specification of the **UnpinTeamMailbox** operation.

```
<wsdl:operation name="UnpinTeamMailbox" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <soap:operation
    soapAction="http://schemas.microsoft.com/exchange/services/2006/messages/UnpinTeamMailbox"
    xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" />
  <wsdl:input>
    <soap:body use="literal" parts="request"
      xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" />
    <soap:header message="m:UnpinTeamMailboxSoapIn" part="RequestVersion" use="literal"
      xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" />
  </wsdl:input>
  <wsdl:output>
    <soap:body use="literal" parts="UnpinTeamMailboxResult"
      xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" />
  </wsdl:output>
</wsdl:operation>
```



```

    <soap:header message="m:UnpinTeamMailboxSoapOut" part="ServerVersion" use="literal"
    xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" />
  </wsdl:output>
</wsdl:operation>

```

The protocol client sends an **UnpinTeamMailboxSoapIn** request WSDL message and the protocol server responds with an **UnpinTeamMailboxSoapOut** response WSDL message.

3.1.4.2.1 Messages

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

Message	Description
UnpinTeamMailboxSoapIn	Specifies a request to unpin a site mailbox.
UnpinTeamMailboxSoapOut	Specifies the response to the UnpinTeamMailboxSoapIn request WSDL message.

3.1.4.2.1.1 UnpinTeamMailboxSoapIn

The **UnpinTeamMailboxSoapIn** WSDL message specifies a request to unpin a site mailbox.

The following is the **UnpinTeamMailboxSoapIn** WSDL message specification.

```

<wsdl:message name="UnpinTeamMailboxSoapIn" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:part name="request" element="m:UnpinTeamMailbox"/>
  <wsdl:part name="RequestVersion" element="t:RequestServerVersion"/>
</wsdl:message>

```

The **UnpinTeamMailboxSoapIn** WSDL message is the input message for the SOAP action <http://schemas.microsoft.com/exchange/services/2006/messages/UnpinTeamMailbox>.

The parts of the **UnpinTeamMailboxSoapIn** WSDL message are described in the following table.

Part name	Element/type	Description
request	UnpinTeamMailbox (section 3.1.4.2.2.1)	Specifies the SOAP body of a request to unpin the mailbox.
RequestVersion	RequestServerVersion ([MS-OXWSCDATA] section 2.2.3.9)	Specifies a SOAP header that identifies the schema version for the UnpinTeamMailbox WSDL operation request.

3.1.4.2.1.2 UnpinTeamMailboxSoapOut

The **UnpinTeamMailboxSoapOut** WSDL message specifies the response to an **UnpinTeamMailboxSoapIn** request WSDL message.

The following is the **UnpinTeamMailboxSoapOut** WSDL message specification.

```

<wsdl:message name="UnpinTeamMailboxSoapOut" xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">

```

```

<wsdl:part name="UnpinTeamMailboxResult" element="m:UnpinTeamMailboxResponse"/>
<wsdl:part name="ServerVersion" element="t:ServerVersionInfo"/>
</wsdl:message>

```

The **UnpinTeamMailboxSoapOut** WSDL message is the output message for the SOAP action <http://schemas.microsoft.com/exchange/services/2006/messages/UnpinTeamMailbox>.

The parts of the **UnpinTeamMailboxSoapOut** WSDL message are described in the following table.

Part name	Element/type	Description
UnpinTeamMailboxResult	UnpinTeamMailboxResponse (section 3.1.4.2.2.2)	Specifies the SOAP body of the response.
ServerVersion	ServerVersionInfo ([MS-OXWSCDATA] section 2.2.3.10)	Specifies a SOAP header that identifies the server version for the response.

A successful **UnpinTeamMailbox** WSDL operation request returns an **UnpinTeamMailboxResponse** element with the **ResponseClass** attribute (as specified in [\[MS-OXWSCDATA\]](#) section 2.2.4.57) set to "Success". The **ResponseCode** element (as specified in [\[MS-OXWSCDATA\]](#) section 2.2.4.57) of the **UnpinTeamMailboxResponse** element is set to "NoError".

If the **UnpinTeamMailbox** WSDL operation request is not successful, it returns an **UnpinTeamMailboxResponse** element with the **ResponseClass** attribute (as specified in [\[MS-OXWSCDATA\]](#) section 2.2.4.57) set to "Error". The **ResponseCode** element (as specified in [\[MS-OXWSCDATA\]](#) section 2.2.4.57) of the **UnpinTeamMailboxResponse** element is set to one of the common errors defined in [\[MS-OXWSCDATA\]](#) section 2.2.5.23.

3.1.4.2.2 Elements

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

Element	Description
UnpinTeamMailbox	The input data for the UnpinTeamMailbox WSDL operation.
UnpinTeamMailboxResponse	The result data for the UnpinTeamMailbox WSDL operation.

3.1.4.2.2.1 UnpinTeamMailbox

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

```

<xs:element name="UnpinTeamMailbox" type="m:UnpinTeamMailboxRequestType"
xmlns:xs="http://www.w3.org/2001/XMLSchema"/>

```

3.1.4.2.2.2 UnpinTeamMailboxResponse

The **UnpinTeamMailboxResponse** element specifies the result data for the **UnpinTeamMailbox** WSDL operation.

```
<xs:element name="UnpinTeamMailboxResponse" type="m:UnpinTeamMailboxResponseMessageType"
xmlns:xs="http://www.w3.org/2001/XMLSchema"/>
```

3.1.4.2.3 Complex Types

The following table summarizes the XML schema complex type definitions that are specific to this operation.

Complex type	Description
UnpinTeamMailboxRequestType	Specifies a request for the UnpinTeamMailbox WSDL operation.
UnpinTeamMailboxResponseMessageType	Specifies the response for the UnpinTeamMailbox WSDL operation.

3.1.4.2.3.1 UnpinTeamMailboxRequestType

Namespace: <http://schemas.microsoft.com/exchange/services/2006/messages>

The **UnpinTeamMailboxRequestType** complex type specifies a request for the **UnpinTeamMailbox** WSDL operation. The **UnpinTeamMailboxRequestType** complex type extends the **BaseRequestType** complex type, as specified in [\[MS-OXWSCDATA\]](#) section 2.2.4.15.

```
<xs:complexType name="UnpinTeamMailboxRequestType"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexContent mixed="false">
    <xs:extension base="m:BaseRequestType">
      <xs:sequence>
        <xs:element name="EmailAddress" type="t:EmailAddressType"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

EmailAddress: An element of type **EmailAddressType**, as defined in [\[MS-OXWSCDATA\]](#) section 2.2.4.27, that represents the email address of the site mailbox.

3.1.4.2.3.2 UnpinTeamMailboxResponseMessageType

Namespace: <http://schemas.microsoft.com/exchange/services/2006/messages>

The **UnpinTeamMailboxResponseMessageType** specifies the response for an **UnpinTeamMailbox** WSDL operation. The **UnpinTeamMailboxResponseMessageType** complex type extends the **ResponseMessageType** complex type, as specified in [\[MS-OXWSCDATA\]](#) section 2.2.4.57.

```
<xs:complexType name="UnpinTeamMailboxResponseMessageType"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexContent mixed="false">
    <xs:extension base="m:ResponseMessageType"/>
  </xs:complexContent>
</xs:complexType>
```

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.

3.1.5 Timer Events

None.

3.1.6 Other Local Events

None.

4 Protocol Examples

In the following example, a site mailbox is successfully unpinned from the client.

Request:

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <RequestServerVersion Version="Exchange2013"
xmlns="http://schemas.microsoft.com/exchange/services/2006/types" />
  </soap:Header>
  <soap:Body>
    <UnpinTeamMailbox xmlns="http://schemas.microsoft.com/exchange/services/2006/messages">
      <EmailAddress>
        <EmailAddress xmlns="http://schemas.microsoft.com/exchange/services/2006/types">SM-
1418800NO@contoso.com</EmailAddress>
      </EmailAddress>
    </UnpinTeamMailbox>
  </soap:Body>
</soap:Envelope>
```

Response:

```
<?xml version="1.0" encoding="utf-8"?>
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Header>
    <h:ServerVersionInfo MajorVersion="15" MinorVersion="0" MajorBuildNumber="913"
MinorBuildNumber="0" Version="Exchange2013"
xmlns:h="http://schemas.microsoft.com/exchange/services/2006/types"
xmlns="http://schemas.microsoft.com/exchange/services/2006/types"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"/>
  </s:Header>
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <UnpinTeamMailboxResponse ResponseClass="Success"
xmlns="http://schemas.microsoft.com/exchange/services/2006/messages">
      <ResponseCode>NoError</ResponseCode>
    </UnpinTeamMailboxResponse>
  </s:Body>
</s:Envelope>
```

5 Security

5.1 Security Considerations for Implementers

None.

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:m="http://schemas.microsoft.com/exchange/services/2006/messages"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:t="http://schemas.microsoft.com/exchange/services/2006/types"
targetNamespace="http://schemas.microsoft.com/exchange/services/2006/messages"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:types>
    <xs:schema elementFormDefault="qualified"
targetNamespace="http://schemas.microsoft.com/exchange/services/2006/messages"
version="Exchange2013" id="messages" xmlns:xs="http://www.w3.org/2001/XMLSchema">
      <xs:include schemaLocation="MS-OXWSSMBX-messages.xsd"/>
    </xs:schema>
  </wsdl:types>
  <wsdl:portType name="ExchangeServicePortType">
    <wsdl:operation name="UnpinTeamMailbox">
      <wsdl:input message="m:UnpinTeamMailboxSoapIn"/>
      <wsdl:output message="m:UnpinTeamMailboxSoapOut"/>
    </wsdl:operation>
    <wsdl:operation name="SetTeamMailbox">
      <wsdl:input message="m:SetTeamMailboxSoapIn"/>
      <wsdl:output message="m:SetTeamMailboxSoapOut"/>
    </wsdl:operation>
  </wsdl:portType>
  <wsdl:binding name="ExchangeServiceBinding" type="m:ExchangeServicePortType">
    <wsdl:documentation>
      <wsi:Claim conformsTo="http://ws-i.org/profiles/basic/1.0" xmlns:wsi="http://ws-
i.org/schemas/conformanceClaim"/>
    </wsdl:documentation>
    <soap:binding transport="http://schemas.xmlsoap.org/soap/http"/>
    <wsdl:operation name="UnpinTeamMailbox">
      <soap:operation
soapAction="http://schemas.microsoft.com/exchange/services/2006/messages/UnpinTeamMailbox"/>
      <wsdl:input>
        <soap:body use="literal" parts="request"/>
        <soap:header message="m:UnpinTeamMailboxSoapIn" part="RequestVersion" use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" parts="UnpinTeamMailboxResult"/>
        <soap:header message="m:UnpinTeamMailboxSoapOut" part="ServerVersion" use="literal"/>
      </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="SetTeamMailbox">
      <soap:operation
soapAction="http://schemas.microsoft.com/exchange/services/2006/messages/SetTeamMailbox"/>
      <wsdl:input>
        <soap:body use="literal" parts="request"/>
        <soap:header message="m:SetTeamMailboxSoapIn" part="RequestVersion" use="literal"/>
        <soap:header message="m:SetTeamMailboxSoapIn" part="ManagementRole" use="literal"/>
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" parts="SetTeamMailboxResult"/>
        <soap:header message="m:SetTeamMailboxSoapOut" part="ServerVersion" use="literal"/>
      </wsdl:output>
    </wsdl:operation>
  </wsdl:binding>
```

```
<wsdl:message name="SetTeamMailboxSoapIn">
  <wsdl:part name="request" element="m:SetTeamMailbox"/>
  <wsdl:part name="RequestVersion" element="t:RequestServerVersion"/>
  <wsdl:part name="ManagementRole" element="t:ManagementRole"/>
</wsdl:message>
<wsdl:message name="SetTeamMailboxSoapOut">
  <wsdl:part name="SetTeamMailboxResult" element="m:SetTeamMailboxResponse"/>
  <wsdl:part name="ServerVersion" element="t:ServerVersionInfo"/>
</wsdl:message>
<wsdl:message name="UnpinTeamMailboxSoapIn">
  <wsdl:part name="request" element="m:UnpinTeamMailbox"/>
  <wsdl:part name="RequestVersion" element="t:RequestServerVersion"/>
</wsdl:message>
<wsdl:message name="UnpinTeamMailboxSoapOut">
  <wsdl:part name="UnpinTeamMailboxResult" element="m:UnpinTeamMailboxResponse"/>
  <wsdl:part name="ServerVersion" element="t:ServerVersionInfo"/>
</wsdl:message>
</wsdl:definitions>
```


7 Appendix B: Full XML Schema

Schema name	Prefix	Section
http://schemas.microsoft.com/exchange/services/2006/messages	m	7.1
http://schemas.microsoft.com/exchange/services/2006/types	t	7.2

For ease of implementation, the following sections provide the full XML schema for this protocol.

7.1 http://schemas.microsoft.com/exchange/services/2006/messages Schema

This section contains the contents of the MS-OXWSSMBX-messages.xsd file and information about additional files that this schema file requires to operate correctly.

MS-OXWSSMBX-messages.xsd includes the files listed in the following table. For the schema file to operate correctly, these files have to be in the folder that contains the WSDL, types schema, and messages schema files for this protocol.

File name	Defining specification
MS-OXWSCDATA-messages.xsd	[MS-OXWSCDATA] section 7.1
MS-OXWSCDATA-types.xsd	[MS-OXWSCDATA] section 7.2
MS-OXWSSMBX-types.xsd	section 7.2

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:m="http://schemas.microsoft.com/exchange/services/2006/messages"
xmlns:t="http://schemas.microsoft.com/exchange/services/2006/types"
elementFormDefault="qualified"
targetNamespace="http://schemas.microsoft.com/exchange/services/2006/messages"
version="Exchange2013" id="messages" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:include schemaLocation="MS-OXWSCDATA-messages.xsd"/>
  <xs:import schemaLocation="MS-OXWSCDATA-types.xsd"
namespace="http://schemas.microsoft.com/exchange/services/2006/types"/>
  <xs:import schemaLocation="MS-OXWSSMBX-types.xsd"
namespace="http://schemas.microsoft.com/exchange/services/2006/types"/>
  <xs:complexType name="SetTeamMailboxRequestType">
    <xs:complexContent mixed="false">
      <xs:extension base="m:BaseRequestType">
        <xs:sequence>
          <xs:element name="EmailAddress" type="t:EmailAddressType"/>
          <xs:element name="SharePointSiteUrl" type="xs:string"/>
          <xs:element name="State" type="t:TeamMailboxLifecycleStateType"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:element name="SetTeamMailbox" type="m:SetTeamMailboxRequestType"/>
  <xs:complexType name="SetTeamMailboxResponseMessageType">
    <xs:complexContent mixed="false">
      <xs:extension base="m:ResponseMessageType"/>
    </xs:complexContent>
  </xs:complexType>
  <xs:element name="SetTeamMailboxResponse" type="m:SetTeamMailboxResponseMessageType"/>
  <xs:complexType name="UnpinTeamMailboxRequestType">
```

```

<xs:complexContent mixed="false">
  <xs:extension base="m:BaseRequestType">
    <xs:sequence>
      <xs:element name="EmailAddress" type="t:EmailAddressType"/>
    </xs:sequence>
  </xs:extension>
</xs:complexContent>
</xs:complexType>
<xs:element name="UnpinTeamMailbox" type="m:UnpinTeamMailboxRequestType"/>
<xs:complexType name="UnpinTeamMailboxResponseMessageType">
  <xs:complexContent mixed="false">
    <xs:extension base="m:ResponseMessageType"/>
  </xs:complexContent>
</xs:complexType>
<xs:element name="UnpinTeamMailboxResponse" type="m:UnpinTeamMailboxResponseMessageType"/>
</xs:schema>

```

7.2 <http://schemas.microsoft.com/exchange/services/2006/types> Schema

This section contains the contents of the MS-OXWSSMBX-types.xsd file.

```

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema elementFormDefault="qualified"
targetNamespace="http://schemas.microsoft.com/exchange/services/2006/types"
version="Exchange2013" id="types" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:import namespace="http://www.w3.org/XML/1998/namespace"/>
  <xs:simpleType name="TeamMailboxLifecycleStateType">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Active"/>
      <xs:enumeration value="Closed"/>
      <xs:enumeration value="Unlinked"/>
      <xs:enumeration value="PendingDelete"/>
    </xs:restriction>
  </xs:simpleType>
</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 released service packs:

- Microsoft Exchange Server 2013
- Microsoft Outlook 2013
- Microsoft SharePoint Server 2013

Exceptions, if any, are noted below. If a service pack or Quick Fix Engineering (QFE) number appears with the product version, behavior changed in that service pack or QFE. The new behavior also applies to subsequent service packs of the product 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.

9 Change Tracking

This section identifies changes that were made to the [MS-OXWSSMBX] protocol document between the July 2014 and October 2014 releases. Changes are classified as New, Major, Minor, Editorial, or No change.

The revision class **New** means that a new document is being released.

The revision class **Major** means that the technical content in the document was significantly revised. Major changes affect protocol interoperability or implementation. Examples of major changes are:

- A document revision that incorporates changes to interoperability requirements or functionality.
- The removal of a document from the documentation set.

The revision class **Minor** means that the meaning of the technical content was clarified. Minor changes do not affect protocol interoperability or implementation. Examples of minor changes are updates to clarify ambiguity at the sentence, paragraph, or table level.

The revision class **Editorial** means that the formatting in the technical content was changed. Editorial changes apply to grammatical, formatting, and style issues.

The revision class **No change** means that no new technical changes were introduced. Minor editorial and formatting changes may have been made, but the technical content of the document is identical to the last released version.

Major and minor changes can be described further using the following change types:

- New content added.
- Content updated.
- Content removed.
- New product behavior note added.
- Product behavior note updated.
- Product behavior note removed.
- New protocol syntax added.
- Protocol syntax updated.
- Protocol syntax removed.
- New content added due to protocol revision.
- Content updated due to protocol revision.
- Content removed due to protocol revision.
- New protocol syntax added due to protocol revision.
- Protocol syntax updated due to protocol revision.
- Protocol syntax removed due to protocol revision.

- Obsolete document removed.

Editorial changes are always classified with the change type **Editorially updated**.

Some important terms used in the change type descriptions are defined as follows:

- **Protocol syntax** refers to data elements (such as packets, structures, enumerations, and methods) as well as interfaces.
- **Protocol revision** refers to changes made to a protocol that affect the bits that are sent over the wire.

The changes made to this document are listed in the following table. For more information, please contact dochelp@microsoft.com.

Section	Tracking number (if applicable) and description	Major change (Y or N)	Change type
3.1.4.1.1.2 SetTeamMailboxSoapOut	Added references for ResponseClass attribute and ResponseCode element.	N	Content updated.
3.1.4.2.1.2 UnpinTeamMailboxSoapOut	Added references for ResponseClass attribute and ResponseCode element.	N	Content updated.
4 Protocol Examples	Added example that unpins a site mailbox from the client.	N	Content updated.

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