

[MS-OXWSSMBX]: Site Mailbox Web Service Protocol

Intellectual Property Rights Notice for Open Specifications Documentation

- **Technical Documentation.** Microsoft publishes Open Specifications documentation for protocols, file formats, languages, standards as well as overviews of the interaction among each of these technologies.
- **Copyrights.** This documentation is covered by Microsoft copyrights. Regardless of any other terms that are contained in the terms of use for the Microsoft website that hosts this documentation, you may make copies of it in order to develop implementations of the technologies described in the Open Specifications and may distribute portions of it in your implementations using these technologies or your documentation as necessary to properly document the implementation. You may also distribute in your implementation, with or without modification, any schema, IDL's, or code samples that are included in the documentation. This permission also applies to any documents that are referenced in the Open Specifications.
- **No Trade Secrets.** Microsoft does not claim any trade secret rights in this documentation.
- **Patents.** Microsoft has patents that may cover your implementations of the technologies described in the Open Specifications. Neither this notice nor Microsoft's delivery of the documentation grants any licenses under those or any other Microsoft patents. However, a given Open Specification may be covered by Microsoft [Open Specification Promise](#) or the [Community Promise](#). If you would prefer a written license, or if the technologies described in the Open Specifications are not covered by the Open Specifications Promise or Community Promise, as applicable, patent licenses are available by contacting iplg@microsoft.com.
- **Trademarks.** The names of companies and products contained in this documentation may be covered by trademarks or similar intellectual property rights. This notice does not grant any licenses under those rights. For a list of Microsoft trademarks, visit www.microsoft.com/trademarks.
- **Fictitious Names.** The example companies, organizations, products, domain names, email addresses, logos, people, places, and events depicted in this documentation are fictitious. No association with any real company, organization, product, domain name, email address, logo, person, place, or event is intended or should be inferred.

Reservation of Rights. All other rights are reserved, and this notice does not grant any rights other than specifically described above, whether by implication, estoppel, or otherwise.

Tools. The Open Specifications do not require the use of Microsoft programming tools or programming environments in order for you to develop an implementation. If you have access to Microsoft programming tools and environments you are free to take advantage of them. Certain Open Specifications are intended for use in conjunction with publicly available standard specifications and network programming art, and assumes that the reader either is familiar with the aforementioned material or has immediate access to it.

Revision Summary

Date	Revision History	Revision Class	Comments
07/16/2012	0.1	New	Released new document.
10/08/2012	1.0	Major	Significantly changed the technical content.
02/11/2013	1.0	No change	No changes to the meaning, language, or formatting of the technical content.
07/26/2013	1.0	No change	No changes to the meaning, language, or formatting of the technical content.
11/18/2013	1.0	No change	No changes to the meaning, language, or formatting of the technical content.
02/10/2014	1.0	No change	No changes to the meaning, language, or formatting of the technical content.
04/30/2014	1.1	Minor	Clarified the meaning of the technical content.
07/31/2014	1.1	No change	No changes to the meaning, language, or formatting of the technical content.

Table of Contents

1 Introduction	5
1.1 Glossary	5
1.2 References	5
1.2.1 Normative References	6
1.2.2 Informative References	6
1.3 Overview	6
1.4 Relationship to Other Protocols	7
1.5 Prerequisites/Preconditions	7
1.6 Applicability Statement	7
1.7 Versioning and Capability Negotiation	7
1.8 Vendor-Extensible Fields	8
1.9 Standards Assignments	8
2 Messages	9
2.1 Transport	9
2.2 Common Message Syntax	9
2.2.1 Namespaces	9
2.2.2 Messages	9
2.2.3 Elements	9
2.2.4 Complex Types	9
2.2.5 Simple Types	10
2.2.6 Attributes	10
2.2.7 Groups	10
2.2.8 Attribute Groups	10
3 Protocol Details	11
3.1 ExchangeServicePortType Server Details	11
3.1.1 Abstract Data Model	11
3.1.2 Timers	11
3.1.3 Initialization	11
3.1.4 Message Processing Events and Sequencing Rules	11
3.1.4.1 SetTeamMailbox	11
3.1.4.1.1 Messages	12
3.1.4.1.1.1 SetTeamMailboxSoapIn	12
3.1.4.1.1.2 SetTeamMailboxSoapOut	13
3.1.4.1.2 Elements	13
3.1.4.1.2.1 SetTeamMailbox	14
3.1.4.1.2.2 SetTeamMailboxResponse	14
3.1.4.1.3 Complex Types	14
3.1.4.1.3.1 SetTeamMailboxRequestType	14
3.1.4.1.3.2 SetTeamMailboxResponseMessageType	15
3.1.4.1.4 Simple Types	15
3.1.4.1.4.1 TeamMailboxLifecycleStateType	15
3.1.4.1.5 Attributes	16
3.1.4.1.6 Groups	16
3.1.4.1.7 Attribute Groups	16
3.1.4.2 UnpinTeamMailbox	16
3.1.4.2.1 Messages	17
3.1.4.2.1.1 UnpinTeamMailboxSoapIn	17
3.1.4.2.1.2 UnpinTeamMailboxSoapOut	17

3.1.4.2.2	Elements.....	18
3.1.4.2.2.1	UnpinTeamMailbox	18
3.1.4.2.2.2	UnpinTeamMailboxResponse	18
3.1.4.2.3	Complex Types	19
3.1.4.2.3.1	UnpinTeamMailboxRequestType	19
3.1.4.2.3.2	UnpinTeamMailboxResponseMessageType	19
3.1.4.2.4	Simple Types.....	20
3.1.4.2.5	Attributes.....	20
3.1.4.2.6	Groups.....	20
3.1.4.2.7	Attribute Groups	20
3.1.5	Timer Events	20
3.1.6	Other Local Events	20
4	Protocol Examples.....	21
5	Security.....	22
5.1	Security Considerations for Implementers.....	22
5.2	Index of Security Parameters	22
6	Appendix A: Full WSDL.....	23
7	Appendix B: Full XML Schema	25
7.1	http://schemas.microsoft.com/exchange/services/2006/messages Schema	25
7.2	http://schemas.microsoft.com/exchange/services/2006/types Schema	26
8	Appendix C: Product Behavior	27
9	Change Tracking.....	28
10	Index	29

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 does not contain those terms. All other sections and examples in this specification are informative.

1.1 Glossary

The following terms are defined in [\[MS-GLOS\]](#):

Hypertext Transfer Protocol (HTTP)
Hypertext Transfer Protocol over Secure Sockets Layer (HTTPS)
SOAP
SOAP action
SOAP body
SOAP header
XML namespace

The following terms are defined in [\[MS-OXGLOS\]](#):

email address
endpoint
mailbox
site mailbox
Uniform Resource Locator (URL)
web server
web service
Web Services Description Language (WSDL)
WSDL message
WSDL operation
WSDL port type
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 described 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.ietf.org/rfc/rfc2616.txt>

[RFC2818] Rescorla, E., "HTTP Over TLS", RFC 2818, May 2000, <http://www.ietf.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.S., 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., and Malhotra, A., Eds., "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-GLOS] Microsoft Corporation, "[Windows Protocols Master Glossary](#)".

[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.

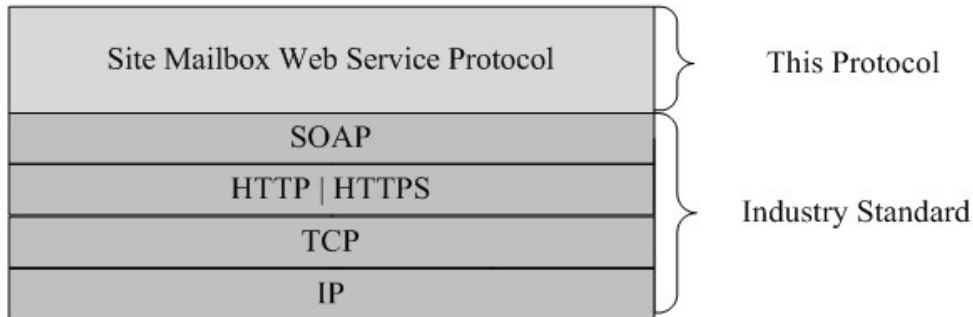


Figure 1: This protocol in relation to other protocols

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 set to "Success". The **ResponseCode** element 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 set to "Error". The **ResponseCode** element 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>
```

```
</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 set to "Success". The **ResponseCode** element 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 set to "Error". The **ResponseCode** element 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

None.

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"?>
<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"?>
<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"?>
<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

No table of changes is available. The document is either new or has had no changes since its last release.

10 Index

A

Abstract data model
[server](#) 11
[Applicability](#) 7
[Attribute groups](#) 10
[Attributes](#) 10

C

[Capability negotiation](#) 7
[Change tracking](#) 28
Client
[overview](#) 11
[Complex types](#) 9

D

Data model - abstract
[server](#) 11

E

Events
[local - server](#) 20
[timer - server](#) 20
[Examples](#) 21

F

[Fields - vendor-extensible](#) 8
[Full WSDL](#) 23
[Full XML Schema](#) 25
<http://schemas.microsoft.com/exchange/services/2006/messages Schema> 25
<http://schemas.microsoft.com/exchange/services/2006/types Schema> 26

G

[Glossary](#) 5
[Groups](#) 10

I

[Implementer - security considerations](#) 22
[Index of security parameters](#) 22
[Informative references](#) 6
Initialization
[server](#) 11
[Introduction](#) 5

L

Local events
[server](#) 20

M

Message processing
[server](#) 11
Messages
[attribute groups](#) 10
[attributes](#) 10
[complex types](#) 9
[elements](#) 9
[enumerated](#) 9
[groups](#) 10
[namespaces](#) 9
[simple types](#) 10
[syntax](#) 9
[transport](#) 9

N

[Namespaces](#) 9
[Normative references](#) 6

O

Operations
[SetTeamMailbox](#) 11
[UnpinTeamMailbox](#) 16
[Overview \(synopsis\)](#) 6

P

[Parameters - security index](#) 22
[Preconditions](#) 7
[Prerequisites](#) 7
[Product behavior](#) 27
Protocol Details
[overview](#) 11

R

[References](#) 5
[informative](#) 6
[normative](#) 6
[Relationship to other protocols](#) 7

S

Security
[implementer considerations](#) 22
[parameter index](#) 22
Sequencing rules
[server](#) 11
Server
[abstract data model](#) 11
[initialization](#) 11
[local events](#) 20
[message processing](#) 11
[overview](#) 11
[sequencing rules](#) 11
[SetTeamMailbox operation](#) 11
[timer events](#) 20
[timers](#) 11

[UnpinTeamMailbox operation](#) 16
[Simple types](#) 10
[Standards assignments](#) 8
Syntax
[messages - overview](#) 9

T

Timer events
[server](#) 20
Timers
[server](#) 11
[Tracking changes](#) 28
[Transport](#) 9
Types
[complex](#) 9
[simple](#) 10

V

[Vendor-extensible fields](#) 8
[Versioning](#) 7

W

[WSDL](#) 23

X

[XML Schema](#) 25
<http://schemas.microsoft.com/exchange/services/2006/messages> Schema 25
<http://schemas.microsoft.com/exchange/services/2006/types> Schema 26