

[MS-FSSAS]: Search Authorization Synchronization Protocol Specification

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1 Introduction

This document specifies the Search Authorization Synchronization Protocol, which enables a protocol client to synchronize updated configuration information for multiple protocol servers, and to request information from protocol servers for troubleshooting.

1.1 Glossary

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

GUID
Kerberos
NT LAN Manager (NTLM) Authentication Protocol
well-known endpoint

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

dictionary
FAST Search Authorization (FSA)
local cache user store
principal aliaser
principal aliaser identifier
query processing
security principal
security principal identifier
Simple Object Access Protocol (SOAP)
SOAP action
SOAP body
transaction identifier
user store
user store identifier
Web Services Description Language (WSDL)
WSDL operation
XML principal aliaser

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

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. Please check the archive site, <http://msdn2.microsoft.com/en-us/library/E4BD6494-06AD-4aed-9823-445E921C9624>, as an additional source.

[MC-NMF] Microsoft Corporation, "[.NET Message Framing Protocol Specification](#)".

[MS-FSCF] Microsoft Corporation, "[Content Feeding Protocol Specification](#)".

- [MS-FSQ] Microsoft Corporation, "[Fast Query Language Structure](#)"
- [MS-FSSACFG] Microsoft Corporation, "[Search Authorization Configuration File Format](#)"
- [MS-FSSADFF] Microsoft Corporation, "[Search Authorization Data File Format](#)"
- [MS-WSRVCAT] Microsoft Corporation, "[WS-AtomicTransaction \(WS-AT\) Version 1.0 Protocol Extensions](#)".
- [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>
- [RFC4648] Josefsson, S., "The Base16, Base32, and Base64 Data Encodings", RFC 4648, October 2006, <http://www.ietf.org/rfc/rfc4648.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/>
- [SOAP1.2/1] Gudgin, M., Hadley, M., Mendelsohn, N., Moreau, J., and Nielsen, H.F., "SOAP Version 1.2 Part 1: Messaging Framework", W3C Recommendation, June 2003, <http://www.w3.org/TR/2003/REC-soap12-part1-20030624>
- [SOAP1.2/2] Gudgin, M., Hadley, M., Mendelsohn, N., Moreau, J., and Nielsen, H.F., "SOAP Version 1.2 Part 2: Adjuncts", W3C Recommendation, June 2003, <http://www.w3.org/TR/2003/REC-soap12-part2-20030624>
- [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>
- [WSRM1.1] OASIS, "Web Services Reliable Messaging (WS-1 ReliableMessaging) Version 1.1", 14 June 2007, <http://docs.oasis-open.org/ws-rx/wsrml/200702/wsrml-1.1-spec-os-01.pdf>
- [WSSE 1.0] Nadalin, A., Kaler, C., Hallam-Baker, P., and Monzillo, R., Eds., "Web Services Security: SOAP Message Security 1.0 (WS-Security 2004)", OASIS Standard 200401, March 2004, <http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0.pdf>
- [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., Ed., Beech, D., Ed., Maloney, M., Ed., and Mendelsohn, N., Ed., "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

- [LotusNotes] IBM, "Lotus Notes - Business email solution", <http://www-01.ibm.com/software/lotus/products/notes/>
- [MS-FSO] Microsoft Corporation, "[FAST Search System Overview](#)"
- [MS-FSQR] Microsoft Corporation, "[Query and Result Protocol Specification](#)"
- [MS-GLOS] Microsoft Corporation, "[Windows Protocols Master Glossary](#)".
- [MS-OFCGLOS] Microsoft Corporation, "[Microsoft Office Master Glossary](#)".

1.3 Protocol Overview (Synopsis)

This protocol involves communication between **FAST Search Authorization (FSA)** worker components that act as protocol servers, and an FSA manager component or a troubleshooting tool that acts as a protocol client.

The FSA manager component maintains a master repository of FSA worker component configuration, and updates FSA worker components when that configuration changes. An FSA worker component is a subcomponent of a Query and Result Protocol server as described in [\[MS-FSQR\]](#).

This protocol enables the FSA manager component to perform the following functions:

- Update in unison FSA configuration information that is stored by multiple FSA worker components.
- Synchronize configuration information of an FSA worker component that was offline, to make its configuration consistent with that of the online FSA worker components.
- Detect when an FSA worker component is offline, and detect when an offline FSA worker component comes back online.
- Request status and configuration information from an FSA worker component to assist in troubleshooting.
- Send informative messages to the logging subcomponent of the FSA worker component.

The configuration information consists of the following values and structures:

- A value that specifies whether the configuration of the protocol server is current.
- An identifier for the set of write operations that the protocol server most recently finished successfully.
- The level of information that the protocol server writes to its log file.
- Whether logged information includes applicable stack dumps.
- A collection of **principal aliasers**.
- A collection of **user stores**.

The protocol enables the FSA manager or troubleshooting utilities to perform the following read operations:

- Verify the presence of a file in the file repositories of the protocol server.
- Count the number of security principals in a specified user store.
- Retrieve group membership information for a specified **security principal**.
- Retrieve a search expression that a **query processing** component can use to restrict search results to items that the specified security principal is authorized to view.
- Verify the presence of a specified principal aliaser on the FSA component.
- Verify the presence of a specified user store on the FSA component.

- Retrieve a search expression that a query processing component uses to match only items that unauthenticated users are authorized to view.
- Query the FSA worker component to determine if its configuration is current.
- Retrieve the identifier of the set of write operations that the FSA worker component most recently finished successfully.
- Retrieve the information that the FSA worker component contains about a specified security principal.

1.4 Relationship to Other Protocols

This protocol uses the **SOAP** message protocol for formatting request and response messages, as described in [\[SOAP1.2/1\]](#) and [\[SOAP1.2/2\]](#). It transmits those messages by using the .NET Message Framing Protocol, as described in [\[MC-NMF\]](#).

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

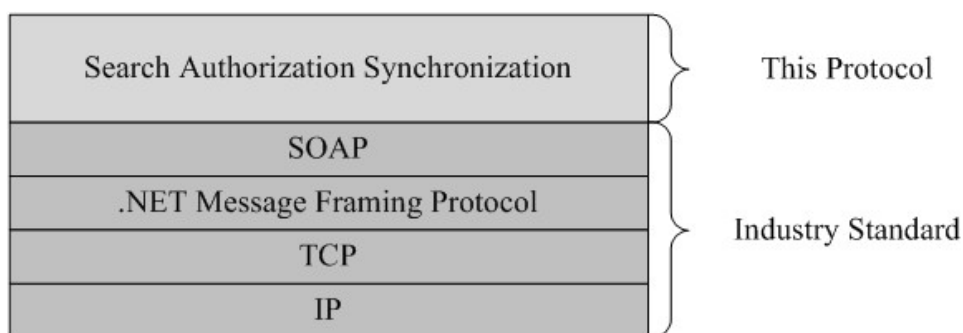


Figure 1: This protocol in relationship to other protocols

1.5 Prerequisites/Preconditions

This protocol operates against a site that is specified by a **well-known endpoint**.

The protocol client authenticates with the protocol server by using credentials for an authorized user account on the protocol server as described in section [2.1](#).

1.6 Applicability Statement

This protocol is designed for the transfer of configuration information that is specific to search authorization, and to troubleshoot an FSA worker component as described in [\[MS-FSO\]](#).

This protocol is not suitable for general-purpose synchronization or troubleshooting.

1.7 Versioning and Capability Negotiation

None.

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**, **present**, and **not null**.

2.1 Transport

All protocol messages **MUST** be transported by using TCP.

Protocol messages are formatted as specified in [\[SOAP1.1\]](#) section 4, or as specified in [\[SOAP1.2/1\]](#) section 5.

Communications use binary encoding as specified in [\[MC-NMF\]](#) section 2.2.3.4.1. They use reliable messaging as specified in [\[WSRM1.1\]](#). Write operations use atomic transactions as specified in [\[MS-WSRVCAT\]](#).

The protocol client authenticates with the protocol server using either **Kerberos** or **NTLM**. The protocol client uses credentials of a user account that is a member of either the Built-in\Administrators group or the FASTSearchAdministrators group on the protocol server.

The protocol server authenticates with the protocol client by using either Kerberos or NTLM. The protocol server **MUST** use actual user credentials of the user within the domain as specified in the WSDL in section [6](#).

2.2 Common Message Syntax

This section contains common definitions used by this protocol. The syntax of the definitions uses the XML Schema as specified in [\[XMLSCHEMA1\]](#) and [\[XMLSCHEMA2\]](#), and Web Services Description Language as specified in [\[WSDL\]](#).

2.2.1 Namespaces

This specification defines and references various XML namespaces by 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
wsu	http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd	[WSSE 1.0]
tns	http://Microsoft.SharePoint.Search.Extended.Security	
extr	http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Base.ExternalResources	
cfg	http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Config	
trbsh	http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.TroubleShooting	

Prefi x	Namespace URI	Reference
ser	http://schemas.microsoft.com/2003/10/Serialization/	
ary	http://schemas.microsoft.com/2003/10/Serialization/Arrays	
msb	http://schemas.microsoft.com/ws/06/2004/mspolicy/netbinary1	
msc	http://schemas.microsoft.com/ws/2005/12/wsd/contract	
oletx	http://schemas.microsoft.com/ws/2006/02/tx/oletx	
wsp	http://schemas.xmlsoap.org/ws/2004/09/policy	
wsrcm	http://schemas.xmlsoap.org/ws/2005/02/rm/policy	
sp	http://schemas.xmlsoap.org/ws/2005/07/securitypolicy	
wsd	http://schemas.xmlsoap.org/wsd/	
soap	http://schemas.xmlsoap.org/wsd/soap/	[SOAP1.1]
soap 12	http://schemas.xmlsoap.org/wsd/soap12/	[SOAP1.2/1] [SOAP1.2/2] 1
xs	http://www.w3.org/2001/XMLSchema	[XMLSCHE MA1] [XMLSCHE MA2]
wsa1 0	http://www.w3.org/2005/08/addressing	
wsa w	http://www.w3.org/2006/05/addressing/wsd	

2.2.2 Messages

None.

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
ArrayOfstring	An array of strings.

Complex type	Description
ConfigChangeStatus	The resulting status of a configuration change request.
ArrayOfNamedExternalResource	An array of NamedExternalResource elements.
NamedExternalFileResource	A named file that specifies configuration information.
NamedExternalResource	The abstract base class for the NamedExternalFileResource element.

2.2.4.1 ConfigChangeStatus

The **ConfigChangeStatus** complex type is used in operations to specify success or failure, and also to specify troubleshooting information.

```
<xs:complexType name="ConfigChangeStatus">
  <xs:sequence>
    <xs:element xmlns:ary="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
      minOccurs="0" name="messages" nillable="true" type="ary:ArrayOfstring"/>
    <xs:element minOccurs="0" name="success" type="xs:boolean"/>
  </xs:sequence>
</xs:complexType>
```

messages: An array of messages that the protocol server generates during the operation. These messages are free-form and self-descriptive to facilitate troubleshooting by an administrative user.

success: A Boolean element that specifies whether the associated operation was successful. Its value **MUST** be **true** if the operation succeeded, or **false** if the operation failed.

2.2.4.2 ArrayOfstring

The **ArrayOfstring** complex type contains an array of strings.

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

string: A string element.

2.2.4.3 ArrayOfNamedExternalResource

The **ArrayOfNamedExternalResource** complex type contains an array of **NamedExternalResource** elements.

```
<xs:complexType name="ArrayOfNamedExternalResource">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="NamedExternalResource"
      nillable="true" type="tns:NamedExternalResource"/>
  </xs:sequence>
</xs:complexType>
```

NamedExternalResource: A **NamedExternalResource** element.

2.2.4.4 NamedExternalFileResource

The **NamedExternalFileResource** complex type represents a reference to a file that uses a format specified in [\[MS-FSSACFG\]](#).

```
<xs:complexType name="NamedExternalFileResource">
  <xs:complexContent mixed="false">
    <xs:extension base="extr:NamedExternalResource">
      <xs:sequence>
        <xs:element minOccurs="0" name="Filename" nillable="true" type="xs:string"/>
        <xs:element minOccurs="0" name="IsOnLargeStorage" type="xs:boolean"/>
        <xs:element minOccurs="0" name="TransferredFileId" nillable="true" type="xs:string"/>
      </xs:sequence>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

Filename: The name of the file.

IsOnLargeStorage: A Boolean element that specifies whether the file is stored in the **Large Capacity File Store** location or in the **Default File Store** location, as specified in section [3.1.1](#). A value of **true** specifies that the file MUST be in the **Large Capacity File Store** location. A value of **false** specifies that it MUST be in the **Default File Store** location.

TransferredFileId: A **Temporary File Identifier** (section [3.1.1](#)) for a transferred file.

2.2.4.5 NamedExternalResource

The **NamedExternalResource** complex type is the abstract base type of the **NamedExternalFileResource** element.

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

Name: This element has no specific meaning in this abstract context.

2.2.5 Simple Types

The following table summarizes the set of common XML Schema simple type definitions that are 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	One Unicode character.
duration	An amount of time that is specified as a positive or negative number of days, hours, minutes, seconds, and fractions of a second.

Simple Type	Description
guid	A GUID .

2.2.5.1 char

The **char** simple type specifies one Unicode character.

```
<xs:simpleType name="char">
  <xs:restriction base="xs:int"/>
</xs:simpleType>
```

2.2.5.2 duration

The **duration** simple type represents an interval of time that is specified as a positive or negative number of days, hours, minutes, seconds, and fractions of a second.

```
<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>
```

2.2.5.3 guid

The **guid** simple type represents a 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>
```

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

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**, **present**, and **not null**.

This protocol allows protocol clients to synchronize and update configuration information that is stored by protocol servers. It also allows protocol clients to troubleshoot the operation of protocol servers.

3.1 Server Details

This protocol specifies operations that the FAST Search Authorization (FSA) manager component uses to synchronize updates to FSA configuration information used by FSA worker subcomponent of the query processing component. It also specifies troubleshooting operations for the FSA worker component.

This protocol uses atomic transactions as specified in [\[MS-WSRVCAT\]](#) so that a protocol client can send updated configuration information to a set of online protocol servers. Then, the protocol client requests that the protocol server commit or roll back those changes in unison. This reduces the amount of time that the active configurations differ. These transactions also have unique identifiers that represent sequences of write operations that a protocol client can replay to a protocol server that was offline to synchronize it with the other protocol servers.

Operations that are part of a transaction **MUST NOT** impact the active configuration of the protocol server until the protocol client commits that transaction. If the protocol client rolls back a transaction, it **MUST** discard all write operations within that transaction.

When the protocol client commits a transaction, the protocol server sets the **Last Committed Transaction ID** element (section [3.1.1](#)) to the value that the protocol client most recently sent to the **SetLastRequestedTransactionId** operation within the transaction that is being committed. If the protocol client did not call the **SetLastRequestedTransactionId** operation within the transaction, the protocol server **MUST** set the **Last Committed Transaction ID** element to the **LocalTransactionId** element as specified in [\[MS-WSRVCAT\]](#) section 2.2.3.1.5.

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 **MUST** maintain the following states:

Last Committed Transaction ID: The transaction identifier, as specified in section [3.2.1](#), that the protocol server committed most recently.

Default File Store: A low-capacity repository for files.

Large Capacity File Store: A repository designated for large files.

User Store List: A set of user stores on the protocol server. Each user store consists of the following:

- **User Store ID:** A **user store identifier**.
- **User Store Configuration:** A user store configuration file as specified in [\[MS-FSSACFG\]](#) section 2.2.
- **User Store Configuration Filename:** The name of the configuration file for the user store.

Entries in the **User Store List** that are associated with a business e-mail solution, as described in [\[LotusNotes\]](#) have the following additional elements:

- **User Store Database:** A **local cache user store** file as specified in [\[MS-FSSADFF\]](#) section 2.2.
- **User Store Database Filename:** The name of the **User Store Database** file.

Principal Aliaser List: A set of principal aliasers on the protocol server. Each principal aliaser consists of the following:

- **Principal Aliaser ID:** A string that uniquely specifies the principal aliaser.
- **Principal Aliaser Configuration:** A principal aliaser configuration file as specified in [\[MS-FSSACFG\]](#) section 2.3.
- **Principal Aliaser Configuration Filename:** The name of the configuration file for a principal aliaser.
- **Principal Aliaser Mapping:** A file that contains an **XML principal aliaser** mapping as specified in [\[MS-FSSADFF\]](#) section 2.3.

System Is Up To Date: A Boolean element that specifies whether the configuration of the protocol server is current. A value of **true**, specifies that the protocol server configuration is current; a value of **false** specifies that it is not current.

Public Filter: A query expression that the query processing component can use to match any public document, regardless of user identity or authentication. This expression is formatted as a valid FAST Query Language (FQL) expression as specified in [\[MS-FSFQL\]](#). The conditions of the expression MUST evaluate the **docacl** attribute, as specified in [\[MS-FSCF\]](#) section 2.2.38. The expression matches only items that unauthenticated users are authorized to view.

Log Level: The minimum level of message to log. This element MUST be set to one of the following strings, specified in descending order.

- Error
- Warning
- Info
- Debug

Log Exception Stack: A Boolean element that specifies whether to include an exception stack in the log, if one is available. A value of **true** specifies that exception stacks are logged; **false** specifies that exception stacks are not logged.

Temporary File Identifier: A unique file identifier that is generated by the protocol client to specify a transferred file.

3.1.2 Timers

None.

3.1.3 Initialization

Initialization occurs when the FSA worker component begins to run. The protocol server **MUST** create a listening endpoint.

3.1.4 Message Processing Events and Sequencing Rules

This specification includes the following **WSDL operations**:

WSDL Operation	Description
DoesFileExist	The DoesFileExist operation verifies the existence of a named external file resource on the protocol server.
CalculateEntityCount	The CalculateEntityCount operation returns the number of security principals that are located in a user store for a business e-mail solution, as described in [LotusNotes] .
GetGroups	The GetGroups operation retrieves group membership information for the specified security principal within the specified user store.
Purge	The Purge operation removes all security principals that are located in a user store for a business e-mail solution, as described in [LotusNotes] .
SwapDatabase	The SwapDatabase operation activates a new user store database and a new user store configuration, as specified in section 3.1.1 .
DoesPrincipalAliaserExist	The DoesPrincipalAliaserExist operation verifies the existence of the specified principal aliaser.
DoesUserStoreExist	The DoesUserStoreExist operation verifies the existence of the specified user store.
GetFQLPublicFilter	The GetFQLPublicFilter operation retrieves the Public Filter element from the protocol server, as specified in section 3.1.1 .
GetPrimaryUserStoreId	The GetPrimaryUserStoreId operation is reserved and MUST NOT be called.
IsSystemUpToDate	The IsSystemUpToDate operation returns the System Is Up To Date state of the protocol server, as specified in section 3.1.1 .
LogInfo	The LogInfo operation writes a message to the log file of the protocol server.
RemovePrincipalAliaser	The RemovePrincipalAliaser operation removes the specified principal aliaser.
RemoveUserStore	The RemoveUserStore operation removes the specified user store from the protocol server.
SetSystemUpToDate	The SetSystemUpToDate operation sets the System Is Up To Date state of the protocol server, as specified in section 3.1.1 .
UpdateESPServerConfig	The UpdateESPServerConfig operation is reserved and MUST NOT be

WSDL Operation	Description
	called.
UpdateFQLPublicFilter	The UpdateFQLPublicFilter operation sets the Public Filter element of the protocol server, as specified in section 3.1.1 .
UpdateLogLevels	The UpdateLogLevels operation changes the logging level on a protocol server.
UpdatePrimaryUserStore	The UpdatePrimaryUserStore operation is reserved and MUST NOT be called.
UpdatePrincipalAliaser	The UpdatePrincipalAliaser operation updates or creates a principal aliaser in the Principal Aliaser List structure of the protocol server, as specified in section 3.1.1 .
UpdateUserStore	Updates or creates a user store in the User Store List structure of the protocol server, as specified in section 3.1.1 .
AddOptimizedAwayEntry	The AddOptimizedAwayEntry operation informs the protocol server that an operation was omitted from an update by the FSA manager component because subsequent operations made the omitted operation redundant or unnecessary.
GetLastCommittedTransactionId	The GetLastCommittedTransactionId operation retrieves the Last Committed Transaction ID element from the protocol server, as specified in section 3.1.1 .
SetRequestedTransactionId	The SetRequestedTransactionId sets the Last Committed Transaction ID element from the protocol server, as specified in section 3.1.1 .
TransferFile	The TransferFile operation transfers a file to the protocol server.
GetGroups	The GetGroups operation retrieves group membership information for the specified security principal within the specified user store.
TestResolve	The TestResolve operation resolves a security principal. The available principal aliasers are used for any troubleshooting that is necessary during the operation.
SwapXMLMappingFile	The SwapXMLMappingFile operation activates an updated XML mapping file for the specified principal aliaser.

3.1.4.1 DoesFileExist

The **DoesFileExist** operation verifies the existence of a named external file resource on the protocol server.

```
<wsdl:operation name="DoesFileExist">
  <wsdl:input
    wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IHelperUtilities/DoesFileExist"
    message="tns:IHelperUtilities_DoesFileExist_InputMessage"
    xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
    wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IHelperUtilities/DoesFileExistResponse"
    message="tns:IHelperUtilities_DoesFileExist_OutputMessage"
    xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

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

The protocol client sends an **IHelperUtilities_DoesFileExist_InputMessage** request. The protocol server MUST respond with an **IHelperUtilities_DoesFileExist_OutputMessage** response.

If the protocol server determines that the specified resource exists, the protocol server MUST return a **DoesFileExistResponse** element with the **DoesFileExistResult** element set to **true**. Otherwise the protocol server MUST return a **DoesFileExistResponse** element with the **DoesFileExistResult** element set to **false**.

3.1.4.1.1 Messages

3.1.4.1.1.1 IHelperUtilities_DoesFileExist_InputMessage

The requested WSDL message for the **DoesFileExist** WSDL operation.

The **SOAP action** value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IHelperUtilities/DoesFileExist
```

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

3.1.4.1.1.2 IHelperUtilities_DoesFileExist_OutputMessage

The response WSDL message for the **DoesFileExist** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IHelperUtilities/DoesFileExistResponse
```

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

3.1.4.1.2 Elements

3.1.4.1.2.1 DoesFileExist

The input data for the **DoesFileExist** WSDL operation.

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

pathToFile: The identifier of the named external file resource.

3.1.4.1.2.2 DoesFileExistResponse

The result data for the **DoesFileExist** WSDL operation.


```

<xs:element name="DoesFileExistResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="DoesFileExistResult" type="xs:boolean"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

DoesFileExistResult: A Boolean element that specifies whether the named external file resource specified by the **pathToFile** element exists on the protocol server.

This specification includes the following WSDL operations:

3.1.4.2 CalculateEntityCount

The **CalculateEntityCount** operation returns the number of security principals that are located in a user store for a business e-mail solution, as described in [\[LotusNotes\]](#).

```

<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="CalculateEntityCount"
  xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
    wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/CalculateEntityCount"
    message="tns:ILocalCacheWorker_CalculateEntityCount_InputMessage"
    xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:output
      wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/CalculateEntityCountResponse"
      message="tns:ILocalCacheWorker_CalculateEntityCount_OutputMessage"
      xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  </wsdl:operation>

```

The protocol client sends an **ILocalCacheWorker_CalculateEntityCount_InputMessage** request. The protocol server MUST respond with an **ILocalCacheWorker_CalculateEntityCount_OutputMessage** response.

The protocol server MUST return a **CalculateEntityCountResponse** with the **CalculateEntityCountResult** element set to the number of security principals that are present in the specified user store, or set to a value of -1 if an error occurs.

3.1.4.2.1 Messages

3.1.4.2.1.1 ILocalCacheWorker_CalculateEntityCount_InputMessage

The requested WSDL message for the **CalculateEntityCount** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/CalculateEntityCount
```

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

3.1.4.2.1.2 ILocalCacheWorker_CalculateEntityCount_OutputMessage

The response WSDL message for the **CalculateEntityCount** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/CalculateEntityCountResponse
```

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

3.1.4.2.2 Elements

3.1.4.2.2.1 CalculateEntityCount

The input data for the **CalculateEntityCount** WSDL operation.

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

domainId: The user store identifier for the target user store.

3.1.4.2.2.2 CalculateEntityCountResponse

The result data for the **CalculateEntityCount** WSDL operation.

```
<xs:element name="CalculateEntityCountResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="CalculateEntityCountResult" type="xs:int"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

CalculateEntityCountResult: The number of security principals that are present in the user store. If an error occurs during the operation, this value is set to -1.

3.1.4.3 GetGroups

The **GetGroups** operation retrieves group membership information for the specified security principal within the specified user store.

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="GetGroups"
  xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
    wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/GetGroups"
    message="tns:ILocalCacheWorker_GetGroups_InputMessage"
    xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
    wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/GetGroups
    Response" message="tns:ILocalCacheWorker_GetGroups_OutputMessage"
    xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
```

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

The protocol client sends an **ILocalCacheWorker_GetGroups_InputMessage** request. The protocol server MUST respond with an **ILocalCacheWorker_GetGroups_OutputMessage** response.

If the operation finishes successfully, the protocol server MUST return a **GetGroupsResponse** element containing a **GetGroupsResult** element that specifies the **security principal identifiers** of the groups of which the specified security principal is a member. If the operation fails, the protocol server MUST set the **GetGroupsResult** element to null.

3.1.4.3.1 Messages

3.1.4.3.1.1 ILocalCacheWorker_GetGroups_InputMessage

The requested WSDL message for the **GetGroups** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/GetGroups
```

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

3.1.4.3.1.2 ILocalCacheWorker_GetGroups_OutputMessage

The response WSDL message for the **GetGroups** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/GetGroupsResponse
```

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

3.1.4.3.2 Elements

3.1.4.3.2.1 GetGroups

The input data for the **GetGroups** WSDL operation.

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

userID: The target security principal identifier.

domainId: The user store identifier for the target user store.

3.1.4.3.2.2 GetGroupsResponse

The result data for the **GetGroups** WSDL operation.

```
<xs:element name="GetGroupsResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:ary="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
        minOccurs="0" name="GetGroupsResult" nillable="true"
        type="ary:ArrayOfArrayOfKeyValueOfstringstring"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

GetGroupsResult: The security principal identifiers of groups of which the specified security principal is a member.

3.1.4.3.3 Complex Types

3.1.4.3.3.1 ArrayOfArrayOfKeyValueOfstringstring

The **ArrayOfArrayOfKeyValueOfstringstring** complex type is an array of **dictionaries**.

```
<xs:complexType name="ArrayOfArrayOfKeyValueOfstringstring">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="ArrayOfKeyValueOfstringstring"
      nillable="true" type="ary:ArrayOfKeyValueOfstringstring"/>
  </xs:sequence>
</xs:complexType>
```

ArrayOfKeyValueOfstringstring: A dictionary that contains key-value pairs that represent the properties of a security principal group.

3.1.4.3.3.2 ArrayOfKeyValueOfstringstring

The **ArrayOfKeyValueOfstringstring** complex type is a dictionary of key-value pairs.

```
<xs:complexType name="ArrayOfKeyValueOfstringstring">
  <xs:annotation>
    <xs:appinfo>
      <IsDictionary
        xmlns="http://schemas.microsoft.com/2003/10/Serialization/">true</IsDictionary>
    </xs:appinfo>
  </xs:annotation>
  <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: A dictionary entry that consists of a key and a value.

KeyValueOfstringstring.Key: The name of the property.

KeyValueOfstringstring.Value: The value of the property.

3.1.4.4 Purge

The **Purge** operation removes all security principals that are located in a user store for a business e-mail solution, as described in [\[LotusNotes\]](#).

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="Purge"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/Purge"
message="tns:ILocalCacheWorker_Purge_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/PurgeResponse"
message="tns:ILocalCacheWorker_Purge_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **ILocalCacheWorker_Purge_InputMessage** request. The protocol server MUST respond with an **ILocalCacheWorker_Purge_OutputMessage** response.

The protocol server MUST return a **PurgeResponse** that contains a **ConfigChangeStatus** element as specified in section [2.2.4.1](#).

This operation MUST be part of a transaction, as specified in section [3.1](#).

3.1.4.4.1 Messages

3.1.4.4.1.1 ILocalCacheWorker_Purge_InputMessage

The requested WSDL message for the **Purge** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/Purge
```

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

3.1.4.4.1.2 ILocalCacheWorker_Purge_OutputMessage

The response WSDL message for the **Purge** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/PurgeResponse
```

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

3.1.4.4.2 Elements

3.1.4.4.2.1 Purge

The input data for the **Purge** WSDL operation.

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

domainId: The user store identifier for the target user store.

3.1.4.4.2.2 PurgeResponse

The result data for the **Purge** WSDL operation.

```
<xs:element name="PurgeResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="PurgeResult" nillable="true"
type="cfg:ConfigChangeStatus"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

PurgeResult: A **ConfigChangeStatus** element, as specified in section [2.2.4.1](#).

3.1.4.5 SwapDatabase

The **SwapDatabase** operation activates a new user store database and a new user store configuration, as specified in section [3.1.1](#).

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="SwapDatabase"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/SwapDatabase"
message="tns:ILocalCacheWorker_SwapDatabase_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/SwapDatabaseResponse"
message="tns:ILocalCacheWorker_SwapDatabase_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **ILocalCacheWorker_SwapDatabase_InputMessage** request. The protocol server MUST respond with an **ILocalCacheWorker_SwapDatabase_OutputMessage** response.

The protocol server MUST return a **SwapDatabaseResponse** element that contains a **ConfigChangeStatus** element as specified in section [2.2.4.1](#).

This operation MUST fail if the target user store does not exist on the protocol server.

Before the protocol client calls this operation, the protocol client MUST call the **TransferFile** operation (section [3.1.4.27](#)) to transfer a **User Store Database** file (section [3.1.1](#)) and to transfer a **User Store Configuration** (section [3.1.1](#)). The **Temporary File Identifier** (section [3.1.1](#)) of the transferred **User Store Database** MUST NOT be the same as the **User Store Database Filename** (section [3.1.1](#)).

This operation MUST be part of a transaction, as specified in section [3.1](#).

3.1.4.5.1 Messages

3.1.4.5.1.1 ILocalCacheWorker_SwapDatabase_InputMessage

The requested WSDL message for the **SwapDatabase** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/SwapDatabase
```

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

3.1.4.5.1.2 ILocalCacheWorker_SwapDatabase_OutputMessage

The response WSDL message for the **SwapDatabase** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/SwapDatabaseResponse
```

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

3.1.4.5.2 Elements

3.1.4.5.2.1 SwapDatabase

The input data for the **SwapDatabase** WSDL operation.

```
<xs:element name="SwapDatabase">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="domainId" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="databaseFileId" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="configFileId" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="databaseFilename" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

domainId: The user store identifier of the target user store.

databaseFileId: A **Temporary File Identifier** (section [3.1.1](#)) that corresponds to the **fileId** element of a previous **TransferFile** operation (section [3.1.4.27](#)) in which the protocol client transferred a local cache user store file ([\[MS-FSSADFF\]](#) section 2.2). When the protocol client requests that the protocol server commit the transaction, the protocol server MUST use the file that is specified by this element to replace the active version of the file that is specified in the **databaseFilename** element.

configFileId: A **Temporary File Identifier** (section [3.1.1](#)) that corresponds to the **fileId** element of a previous **TransferFile** operation (section [3.1.4.27](#)) in which the protocol client transferred a user store configuration file ([\[MS-FSSACFG\]](#) section 2.2). When the protocol client requests that the protocol server commit the transaction, the protocol server MUST use the file that is specified by this element to replace the **User Store Configuration** (section [3.1.1](#)) of the target user store.

databaseFilename: The **User Store Database Filename** (section [3.1.1](#)) element of the target user store.

3.1.4.5.2.2 SwapDatabaseResponse

The result data for the **SwapDatabase** WSDL operation.

```
<xs:element name="SwapDatabaseResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="SwapDatabaseResult" nillable="true"
type="cfg:ConfigChangeStatus"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

SwapDatabaseResult: A **ConfigChangeStatus** element, as specified in section [2.2.4.1](#).

3.1.4.6 FilterResult

The **FilterResult** operation is reserved and MUST NOT be called.

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="FilterResult"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/FilterResult
" message="tns:ISAMCoreWorker_FilterResult_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/FilterResult
Response" message="tns:ISAMCoreWorker_FilterResult_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

3.1.4.6.1 Messages

3.1.4.6.1.1 ISAMCoreWorker_FilterResult_InputMessage

The requested WSDL message for the **FilterResult** WSDL operation.

The SOAP action value is:

`http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/FilterResult`

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

3.1.4.6.1.2 ISAMCoreWorker_FilterResult_OutputMessage

The response WSDL message for the **FilterResult** method.

The SOAP action value is:

`http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/FilterResultResponse`

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

3.1.4.6.2 Elements

3.1.4.6.2.1 FilterResult

The input data for the **FilterResult** WSDL operation.

```
<xs:element name="FilterResult">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="domainId" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="principalId" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="documentUrl" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

domainId: This value is undefined.

principalId: This value is undefined.

documentUrl: This value is undefined.

3.1.4.6.2.2 FilterResultResponse

The result data for the **FilterResult** WSDL operation.

```
<xs:element name="FilterResultResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="FilterResultResult" type="xs:boolean"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

FilterResultResult: This value is undefined.

3.1.4.7 GetPermissions

The **GetPermissions** operation is reserved and MUST NOT be called.

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="GetPermissions"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/GetPermissions"
message="tns:ISAMCoreWorker_GetPermissions_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/GetPermissionsResponse"
message="tns:ISAMCoreWorker_GetPermissions_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

3.1.4.7.1 Messages

3.1.4.7.1.1 ISAMCoreWorker_GetPermissions_InputMessage

The requested WSDL message for the **GetPermissions** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/GetPermissions
```

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

3.1.4.7.1.2 ISAMCoreWorker_GetPermissions_OutputMessage

The response WSDL message for the **GetPermissions** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/GetPermissionsResponse
```

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

3.1.4.7.2 Elements

3.1.4.7.2.1 GetPermissions

The input data for the **GetPermissions** WSDL operation.

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

domainId: This value is undefined.

documentUrl: This value is undefined.

3.1.4.7.2.2 GetPermissionsResponse

The result data for the **GetPermissions** WSDL operation.

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

GetPermissionsResult: This value is undefined.

3.1.4.8 GetUserSecurityFilter

The **GetUserSecurityFilter** operation obtains the security filter for the specified user.

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="GetUserSecurityFilter"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/GetUserSecur
ityFilter" message="tns:ISAMCoreWorker_GetUserSecurityFilter_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/GetUserSecur
ityFilterResponse" message="tns:ISAMCoreWorker_GetUserSecurityFilter_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **ISAMCoreWorker_GetUserSecurityFilter_InputMessage** request.
The protocol server MUST respond with an **ISAMCoreWorker_GetUserSecurityFilter_OutputMessage** response.

If the operation finishes successfully, the protocol server MUST return a **GetUserSecurityFilterResponse** element that contains a **GetUserSecurityFilterResult** element. The **GetUserSecurityFilterResult** element MUST be formatted as a valid FAST Query Language (FQL) expression as specified in [\[MS-FSQFL\]](#). The conditions of the expression MUST evaluate the **docacl** attribute, as specified in [\[MS-FSCF\]](#) section 2.2.38, and the expression MUST exclude all items that the specified security principal is not authorized to view. On failure, the protocol server MUST set the **GetUserSecurityFilterResult** element to the **Public Filter** element that is specified in section [3.1.1](#).

3.1.4.8.1 Messages

3.1.4.8.1.1 ISAMCoreWorker_GetUserSecurityFilter_InputMessage

The requested WSDL message for the **GetUserSecurityFilter** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/GetUserSecurityFilter
```

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

3.1.4.8.1.2 ISAMCoreWorker_GetUserSecurityFilter_OutputMessage

The response WSDL message for the **GetUserSecurityFilter** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/GetUserSecurityFilterResponse
```

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

3.1.4.8.2 Elements

3.1.4.8.2.1 GetUserSecurityFilter

The input data for the **GetUserSecurityFilter** WSDL operation.

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

domainId: The user store identifier for the target user store.

principalId: The target security principal identifier.

3.1.4.8.2.2 GetUserSecurityFilterResponse

The result data for the **GetUserSecurityFilter** WSDL operation.

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

GetUserSecurityFilterResult: The security filter, as specified in section [3.1.4.8](#).

This specification includes the following WSDL operations:

3.1.4.9 DoesPrincipalAliaserExist

The **DoesPrincipalAliaserExist** operation verifies the existence of the specified principal aliaser.

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="DoesPrincipalAliaserExist"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/DoesPrincipalAliaserExist"
message="tns:IInterProcessServiceManager_DoesPrincipalAliaserExist_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/DoesPrincipalAliaserExistResponse"
message="tns:IInterProcessServiceManager_DoesPrincipalAliaserExist_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an

IInterProcessServiceManager_DoesPrincipalAliaserExist_InputMessage request. The protocol server MUST respond with an

IInterProcessServiceManager_DoesPrincipalAliaserExist_OutputMessage response.

The protocol server MUST return a **DoesUserStoreExistResponse** that contains a **DoesUserStoreExistResult** element. If the protocol server finds the specified principal aliaser in the **Principal Aliaser List** structure as specified in section [3.1.1](#), the protocol server MUST set the **DoesUserStoreExistResult** element to **true**. Otherwise the protocol server MUST set the **DoesUserStoreExistResult** element to **false**.

3.1.4.9.1 Messages

3.1.4.9.1.1

IInterProcessServiceManager_DoesPrincipalAliaserExist_InputMessage

The requested WSDL message for the **DoesPrincipalAliaserExist** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/DoesPrincipa
lAliaserExist
```

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

3.1.4.9.1.2

IInterProcessServiceManager_DoesPrincipalAliaserExist_OutputMessage

The response WSDL message for the **DoesPrincipalAliaserExist** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/DoesPrincipa
lAliaserExistResponse
```

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

3.1.4.9.2 Elements

3.1.4.9.2.1 DoesPrincipalAliaserExist

The input data for the **DoesPrincipalAliaserExist** WSDL operation.

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

principalAliaserId: The target **principal aliaser identifier**.

3.1.4.9.2.2 DoesPrincipalAliaserExistResponse

The result data for the **DoesPrincipalAliaserExist** WSDL operation.

```
<xs:element name="DoesPrincipalAliaserExistResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="DoesPrincipalAliaserExistResult" type="xs:boolean"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

DoesPrincipalAliaserExistResult: A Boolean element that represents whether the specified principal aliaser exists on the protocol server. If the principal aliaser exists, this value **MUST** be **true**. Otherwise, this value **MUST** be **false**.

3.1.4.10 DoesUserStoreExist

The **DoesUserStoreExist** operation verifies the existence of the specified user store.

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="DoesUserStoreExist"
  xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
    wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/DoesUserStoreExist"
    message="tns:IInterProcessServiceManager_DoesUserStoreExist_InputMessage"
    xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
    wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/DoesUserStoreExistResponse"
    message="tns:IInterProcessServiceManager_DoesUserStoreExist_OutputMessage"
    xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **IInterProcessServiceManager_DoesUserStoreExist_InputMessage** request. The protocol

server MUST respond with an **IInterProcessServiceManager_DoesUserStoreExist_OutputMessage** response.

The protocol server MUST return a **DoesUserExistReponse** message that contains a **DoesUserExistResult** element. If the protocol server finds the specified user store in the **User Store List** structure as specified in section [3.1.1](#), the protocol server MUST set the **DoesUserStoreExistResult** element to **true**. Otherwise the protocol server MUST set the **DoesUserStoreExistResult** element to **false**.

3.1.4.10.1 Messages

3.1.4.10.1.1 IInterProcessServiceManager_DoesUserStoreExist_InputMessage

The requested WSDL message for the **DoesUserStoreExist** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/DoesUserStoreExist
```

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

3.1.4.10.1.2 IInterProcessServiceManager_DoesUserStoreExist_OutputMessage

The response WSDL message for the **DoesUserStoreExist** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/DoesUserStoreExistResponse
```

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

3.1.4.10.2 Elements

3.1.4.10.2.1 DoesUserStoreExist

The input data for the **DoesUserStoreExist** WSDL operation.

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

userStoreId: The user store identifier for the target user store.

3.1.4.10.2.2 DoesUserStoreExistResponse

The result data for the **DoesUserStoreExist** WSDL operation.

```

<xs:element name="DoesUserStoreExistResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="DoesUserStoreExistResult" type="xs:boolean"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

DoesUserStoreExistResult: A **Boolean** element that represents whether the specified user store exists on the protocol server. If the user store exists, this value MUST be **true**. Otherwise it MUST be **false**.

3.1.4.11 GetFQLPublicFilter

The **GetFQLPublicFilter** operation retrieves the **Public Filter** element from the protocol server, as specified in section [3.1.1](#).

```

<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="GetFQLPublicFilter"
  xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
    wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
      /GetFQLPublicFilter"
    message="tns:IInterProcessServiceManager_GetFQLPublicFilter_InputMessage"
    xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:output
      wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
        /GetFQLPublicFilterResponse"
      message="tns:IInterProcessServiceManager_GetFQLPublicFilter_OutputMessage"
      xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  </wsdl:operation>

```

The protocol client sends an **IInterProcessServiceManager_GetFQLPublicFilter_InputMessage** request. The protocol server MUST respond with an **IInterProcessServiceManager_GetFQLPublicFilter_OutputMessage** response.

If the operation finishes successfully, the protocol server MUST return a **GetFQLPublicFilterResponse** that contains a **GetFQLPublicFilterResult** element. This **GetFQLPublicFilterResult** element MUST be set to the **Public Filter** element of the protocol server, as specified in section [3.1.1](#). If the operation fails, the protocol server MUST set the **GetFQLPublicFilterResult** element to **null**.

3.1.4.11.1 Messages

3.1.4.11.1.1 IInterProcessServiceManager_GetFQLPublicFilter_InputMessage

The requested WSDL message for the **GetFQLPublicFilter** WSDL operation.

The SOAP action value is:

```

http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/GetFQLPublic
Filter

```

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

3.1.4.11.1.2 IInterProcessServiceManager_GetFQLPublicFilter_OutputMessage

The response WSDL message for the **GetFQLPublicFilter** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/GetFQLPublicFilterResponse
```

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

3.1.4.11.2 Elements

3.1.4.11.2.1 GetFQLPublicFilter

The input data for the **GetFQLPublicFilter** WSDL operation.

```
<xs:element name="GetFQLPublicFilter">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
```

3.1.4.11.2.2 GetFQLPublicFilterResponse

The result data for the **GetFQLPublicFilter** WSDL operation.

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

GetFQLPublicFilterResult: The **Public Filter** of the protocol server, as specified in section [3.1.1](#).

3.1.4.12 GetPrimaryUserStoreId

The **GetPrimaryUserStoreId** operation is reserved and MUST NOT be called.

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="GetPrimaryUserStoreId"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/GetPrimaryUserStoreId"
message="tns:IInterProcessServiceManager_GetPrimaryUserStoreId_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/GetPrimaryUserStoreIdResponse"
message="tns:IInterProcessServiceManager_GetPrimaryUserStoreId_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
```

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

3.1.4.12.1 Messages

3.1.4.12.1.1

IInterProcessServiceManager_GetPrimaryUserStoreId_InputMessage

The requested WSDL message for the **GetPrimaryUserStoreId** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/GetPrimaryUserStoreId
```

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

3.1.4.12.1.2

IInterProcessServiceManager_GetPrimaryUserStoreId_OutputMessage

The response WSDL message for the **GetPrimaryUserStoreId** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/GetPrimaryUserStoreIdResponse
```

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

3.1.4.12.2 Elements

3.1.4.12.2.1 GetPrimaryUserStoreId

The input data for the **GetPrimaryUserStoreId** WSDL operation.

```
<xs:element name="GetPrimaryUserStoreId">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
```

3.1.4.12.2.2 GetPrimaryUserStoreIdResponse

The result data for the **GetPrimaryUserStoreId** WSDL operation.

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

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

GetPrimaryUserStoreIdResult: This value is undefined.

3.1.4.13 IsSystemUpToDate

The **IsSystemUpToDate** operation returns the **System Is Up To Date** state of the protocol server, as specified in section [3.1.1](#).

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="IsSystemUpToDate"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/IsSystemUpToDate" message="tns:IInterProcessServiceManager_IsSystemUpToDate_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/IsSystemUpToDateResponse"
message="tns:IInterProcessServiceManager_IsSystemUpToDate_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **IInterProcessServiceManager_IsSystemUpToDate_InputMessage** request. The protocol server MUST respond with an **IInterProcessServiceManager_IsSystemUpToDate_OutputMessage** response.

The protocol server MUST return an **IsSystemUpToDateResponse** element. The **IsSystemUpToDateResult** element MUST be set to the **System Is Up To Date** state of the protocol server, as specified in section [3.1.1](#).

3.1.4.13.1 Messages

3.1.4.13.1.1 IInterProcessServiceManager_IsSystemUpToDate_InputMessage

The requested WSDL message for the **IsSystemUpToDate** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/IsSystemUpTo
Date
```

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

3.1.4.13.1.2 IInterProcessServiceManager_IsSystemUpToDate_OutputMessage

The response WSDL message for the **IsSystemUpToDate** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/IsSystemUpTo
DateResponse
```

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

3.1.4.13.2 Elements

3.1.4.13.2.1 IsSystemUpToDate

The input data for the **IsSystemUpToDate** WSDL operation.

```
<xs:element name="IsSystemUpToDate">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
```

3.1.4.13.2.2 IsSystemUpToDateResponse

The result data for the **IsSystemUpToDate** WSDL operation.

```
<xs:element name="IsSystemUpToDateResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="IsSystemUpToDateResult" type="xs:boolean"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

IsSystemUpToDateResult: The element retrieved from the **System Is Up To Date** state of the protocol server, as specified in section [3.1.1](#).

3.1.4.14 LogInfo

The **LogInfo** operation writes a message to the log file of the protocol server.

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="LogInfo"
  xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
    wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
    /LogInfo" message="tns:IInterProcessServiceManager_LogInfo_InputMessage"
    xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
    wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
    /LogInfoResponse" message="tns:IInterProcessServiceManager_LogInfo_OutputMessage"
    xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **IInterProcessServiceManager_LogInfo_InputMessage** request. The protocol server MUST respond with an **IInterProcessServiceManager_LogInfo_OutputMessage** response.

The protocol server MUST return a **LogInfoResponse** element. If the message is successfully logged, the protocol server MUST set the **LogInfoResult** element to **true**. Otherwise the protocol server MUST set **IsSystemUpToDateResult** to **false**.

3.1.4.14.1 Messages

3.1.4.14.1.1 IInterProcessServiceManager_LogInfo_InputMessage

The requested WSDL message for the **LogInfo** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/LogInfo
```

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

3.1.4.14.1.2 IInterProcessServiceManager_LogInfo_OutputMessage

The response WSDL message for the **LogInfo** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/LogInfoResponse
```

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

3.1.4.14.2 Elements

3.1.4.14.2.1 LogInfo

The input data for the **LogInfo** WSDL operation.

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

message: The text of the message that the protocol server writes to the log.

3.1.4.14.2.2 LogInfoResponse

The result data for the **LogInfo** WSDL operation.

```
<xs:element name="LogInfoResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="LogInfoResult" type="xs:boolean"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

LogInfoResult: A Boolean value that specifies whether the operation was successful. This value MUST be **true** if the operation succeeds; **false** if the operation fails.

3.1.4.15 RemovePrincipalAliaser

The **RemovePrincipalAliaser** operation removes the specified principal aliaser.

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="RemovePrincipalAliaser"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/RemovePrincipalAliaser"
message="tns:IInterProcessServiceManager_RemovePrincipalAliaser_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/RemovePrincipalAliaserResponse"
message="tns:IInterProcessServiceManager_RemovePrincipalAliaser_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **IInterProcessServiceManager_RemovePrincipalAliaser_InputMessage** request. The protocol server MUST respond with an **IInterProcessServiceManager_RemovePrincipalAliaser_OutputMessage** response.

The protocol server MUST return a **RemovePrincipalAliaserResponse** that contains a **RemovePrincipalAliaserResult**. If the protocol server successfully removes the principal aliaser from the **Principal Aliaser List** structure specified in section [3.1.1](#), the protocol server MUST set the value of the **RemovePrincipalAliaserResult** element to **true**. Otherwise it MUST set **RemovePrincipalAliaserResult** to **false**.

This operation MUST be part of a transaction as specified in section [3.1](#).

3.1.4.15.1 Messages

3.1.4.15.1.1

IInterProcessServiceManager_RemovePrincipalAliaser_InputMessage

The requested WSDL message for the **RemovePrincipalAliaser** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/RemovePrinci
palAliaser
```

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

3.1.4.15.1.2

IInterProcessServiceManager_RemovePrincipalAliaser_OutputMessage

The response WSDL message for the **RemovePrincipalAliaser** method.

The SOAP action value is:

`http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/RemovePrincipalAliaserResponse`

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

3.1.4.15.2 Elements

3.1.4.15.2.1 RemovePrincipalAliaser

The input data for the **RemovePrincipalAliaser** WSDL operation.

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

principalAliaserId: The target principal aliaser identifier.

3.1.4.15.2.2 RemovePrincipalAliaserResponse

The result data for the **RemovePrincipalAliaser** WSDL operation.

```
<xs:element name="RemovePrincipalAliaserResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="RemovePrincipalAliaserResult" type="xs:boolean"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

RemovePrincipalAliaserResult: A Boolean element that specifies whether the operation was successful. This value **MUST** be **true** if the operation succeeds; if the operation fails, this value **MUST** be **false**.

3.1.4.16 RemoveUserStore

The **RemoveUserStore** operation removes the specified user store from the protocol server.

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="RemoveUserStore"
  xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
    wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/RemoveUserStore"
    message="tns:IInterProcessServiceManager_RemoveUserStore_InputMessage"
    xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
    wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/RemoveUserStoreResponse"
    message="tns:IInterProcessServiceManager_RemoveUserStore_OutputMessage"
    xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **IInterProcessServiceManager_RemoveUserStore_InputMessage** request. The protocol server MUST respond with an **IInterProcessServiceManager_RemoveUserStore_OutputMessage** response.

The protocol server MUST return a **RemoveUserStoreResponse** element that contains a **RemoveUserStoreResult** element. If the protocol server successfully removes the user store from the **User Store List** structure that is specified in section [3.1.1](#), the protocol server MUST set the value of the **RemoveUserStoreResult** element to **true**. Otherwise it MUST set the value to **false**.

This operation MUST fail if the target user store is referenced by a principal aliaser.

This operation MUST be part of a transaction as specified in section [3.1](#).

3.1.4.16.1 Messages

3.1.4.16.1.1 IInterProcessServiceManager_RemoveUserStore_InputMessage

The requested WSDL message for the **RemoveUserStore** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/RemoveUserStore
```

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

3.1.4.16.1.2 IInterProcessServiceManager_RemoveUserStore_OutputMessage

The response WSDL message for the **RemoveUserStore** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/RemoveUserStoreResponse
```

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

3.1.4.16.2 Elements

3.1.4.16.2.1 RemoveUserStore

The input data for the **RemoveUserStore** WSDL operation.

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

userStoreId: The user store identifier for the target user store.

3.1.4.16.2.2 RemoveUserStoreResponse

The result data for the **RemoveUserStore** WSDL operation.

```
<xs:element name="RemoveUserStoreResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="RemoveUserStoreResult" nillable="true"
type="cfg:ConfigChangeStatus"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

RemoveUserStoreResult: A Boolean value that specifies whether the protocol server successfully removed the user store. This value **MUST** be **true** if the operation succeeds; if the operation fails, this value **MUST** be **false**.

3.1.4.17 SetSystemUpToDate

The **SetSystemUpToDate** operation sets the **System Is Up To Date** state of the protocol server, as specified in section [3.1.1](#).

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="SetSystemUpToDate"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/SetSystemUpToDate" message="tns:IInterProcessServiceManager_SetSystemUpToDate_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/SetSystemUpToDateResponse"
message="tns:IInterProcessServiceManager_SetSystemUpToDate_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **IInterProcessServiceManager_SetSystemUpToDate_InputMessage** request. The protocol server **MUST** respond with an **IInterProcessServiceManager_SetSystemUpToDate_OutputMessage** response.

The protocol server **MUST** return a **SetSystemUpToDateResponse** element that contains a **SetSystemUpToDateResult** element. If the protocol server successfully sets the **System Is Up To Date** state, the protocol server **MUST** set the value of the **SetSystemUpToDateResult** element to **true**. Otherwise it **MUST** set it to **false**.

This operation **MUST** be part of a transaction, as specified in section [3.1](#).

3.1.4.17.1 Messages

3.1.4.17.1.1 IInterProcessServiceManager_SetSystemUpToDate_InputMessage

The requested WSDL message for the **SetSystemUpToDate** WSDL operation.

The SOAP action value is:

`http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/SetSystemUpToDate`

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

3.1.4.17.1.2 IInterProcessServiceManager_SetSystemUpToDate_OutputMessage

The response WSDL message for the **SetSystemUpToDate** method.

The SOAP action value is:

`http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/SetSystemUpToDateResponse`

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

3.1.4.17.2 Elements

3.1.4.17.2.1 SetSystemUpToDate

The input data for the **SetSystemUpToDate** WSDL operation.

```
<xs:element name="SetSystemUpToDate">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="systemUpToDate" type="xs:boolean"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

systemUpToDate: The new value of the **System Is Up To Date** state.

3.1.4.17.2.2 SetSystemUpToDateResponse

The result data for the **SetSystemUpToDate** WSDL operation.

```
<xs:element name="SetSystemUpToDateResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="SetSystemUpToDateResult" type="xs:boolean"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

SetSystemUpToDateResult: A Boolean value that specifies whether the operation was successful. This value **MUST** be **true** if the operation succeeds; if the operation fails, this value **MUST** be **false**.

3.1.4.18 UpdateESPServerConfig

The **UpdateESPServerConfig** operation is reserved and **MUST NOT** be called.

```

<wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="UpdateESPServerConfig"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdateESPServerConfig"
message="tns:IInterProcessServiceManager_UpdateESPServerConfig_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdateESPServerConfigResponse"
message="tns:IInterProcessServiceManager_UpdateESPServerConfig_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>

```

3.1.4.18.1 Messages

3.1.4.18.1.1

IInterProcessServiceManager_UpdateESPServerConfig_InputMessage

The requested WSDL message for the **UpdateESPServerConfig** WSDL operation.

The SOAP action value is:

```

http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/UpdateESPSe
verConfig

```

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

3.1.4.18.1.2

IInterProcessServiceManager_UpdateESPServerConfig_OutputMessage

The response WSDL message for the **UpdateESPServerConfig** method.

The SOAP action value is:

```

http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/UpdateESPSe
verConfigResponse

```

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

3.1.4.18.2 Elements

3.1.4.18.2.1 UpdateESPServerConfig

The input data for the **UpdateESPServerConfig** WSDL operation.

```

<xs:element name="UpdateESPServerConfig">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="port" type="xs:int"/>
      <xs:element minOccurs="0" name="certificateName" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="storeName" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="storeLocation" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

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

```

port: This value is undefined.

certificateName: This value is undefined.

storeName: This value is undefined.

storeLocation: This value is undefined.

3.1.4.18.2.2 UpdateESPServerConfigResponse

The result data for the **UpdateESPServerConfig** WSDL operation.

```

<xs:element name="UpdateESPServerConfigResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="UpdateESPServerConfigResult" nillable="true"
type="cfg:ConfigChangeStatus"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

UpdateESPServerConfigResult: This value is undefined.

3.1.4.19 UpdateFQLPublicFilter

The **UpdateFQLPublicFilter** operation sets the **Public Filter** element of the protocol server, as specified in section [3.1.1](#).

```

<wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="UpdateFQLPublicFilter"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdateFQLPublicFilter"
message="tns:IInterProcessServiceManager_UpdateFQLPublicFilter_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdateFQLPublicFilterResponse"
message="tns:IInterProcessServiceManager_UpdateFQLPublicFilter_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>

```

The protocol client sends an **IInterProcessServiceManager_UpdateFQLPublicFilter_InputMessage** request. The protocol server MUST respond with an **IInterProcessServiceManager_UpdateFQLPublicFilter_OutputMessage** response.

The protocol server MUST return an **UpdateFQLPublicFilterResponse** element that contains a **ConfigChangeStatus** element, as specified in section [2.2.4.1](#).

This operation MUST be part of a transaction, as specified in section [3.1](#).

3.1.4.19.1 Messages

3.1.4.19.1.1 IInterProcessServiceManager_UpdateFQLPublicFilter_InputMessage

The requested WSDL message for the **UpdateFQLPublicFilter** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/UpdateFQLPublicFilter
```

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

3.1.4.19.1.2

IInterProcessServiceManager_UpdateFQLPublicFilter_OutputMessage

The response WSDL message for the **UpdateFQLPublicFilter** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/UpdateFQLPublicFilterResponse
```

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

3.1.4.19.2 Elements

3.1.4.19.2.1 UpdateFQLPublicFilter

The input data for the **UpdateFQLPublicFilter** WSDL operation.

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

fql: The new value of the **Public Filter** element of the protocol server, as specified in section [3.1.1](#).

3.1.4.19.2.2 UpdateFQLPublicFilterResponse

The result data for the **UpdateFQLPublicFilter** WSDL operation.

```
<xs:element name="UpdateFQLPublicFilterResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="UpdateFQLPublicFilterResult" nillable="true"
type="cfg:ConfigChangeStatus"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

```

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

```

UpdateFQLPublicFilterResult: A **ConfigChangeStatus** element, as specified in section [2.2.4.1](#).

3.1.4.20 UpdateLogLevels

The **UpdateLogLevels** operation changes the logging level on a protocol server.

```

<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="UpdateLogLevels"
  xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
    wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
      /UpdateLogLevels" message="tns:IInterProcessServiceManager_UpdateLogLevels_InputMessage"
    xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:output
      wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
        /UpdateLogLevelsResponse"
      message="tns:IInterProcessServiceManager_UpdateLogLevels_OutputMessage"
      xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    </wsdl:output>
  </wsdl:operation>

```

The protocol client sends an **IInterProcessServiceManager_UpdateLogLevels_InputMessage** request. The protocol server MUST respond with an **IInterProcessServiceManager_UpdateLogLevels_OutputMessage** response.

The protocol server sets its **Log Level** and **Log Exception Stack** states as specified in section [3.1.1](#). The protocol client also sets its own **Log Level** and **Log Exception** states to the same values.

The protocol server MUST return an **UpdateLogLevelsResponse** element that contains a **ConfigChangeStatus** element, as specified in section [2.2.4.1](#).

This operation MUST be part of a transaction, as specified in section [3.1](#).

3.1.4.20.1 Messages

3.1.4.20.1.1 IInterProcessServiceManager_UpdateLogLevels_InputMessage

The requested WSDL message for the **UpdateLogLevels** WSDL operation.

The SOAP action value is:

```

http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/UpdateLogLevels

```

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

3.1.4.20.1.2 IInterProcessServiceManager_UpdateLogLevels_OutputMessage

The response WSDL message for the **UpdateLogLevels** method.

The SOAP action value is:

http://Microsoft.SharePoint.Search.Extended.Security/IIInterProcessServiceManager/UpdateLogLevelsResponse

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

3.1.4.20.2 Elements

3.1.4.20.2.1 UpdateLogLevels

The input data for the **UpdateLogLevels** WSDL operation.

```
<xs:element name="UpdateLogLevels">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="defaultLogLevel" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="errorNameSpaces" nillable="true"
type="ary:ArrayOfstring"/>
      <xs:element minOccurs="0" name="warningNameSpaces" nillable="true"
type="ary:ArrayOfstring"/>
      <xs:element minOccurs="0" name="infoNameSpaces" nillable="true"
type="ary:ArrayOfstring"/>
      <xs:element minOccurs="0" name="debugNameSpaces" nillable="true"
type="ary:ArrayOfstring"/>
      <xs:element minOccurs="0" name="includeExceptionStack" type="xs:boolean"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

defaultLogLevel: The new value of the **Log Level** state of the protocol server.

errorNameSpaces: This value is reserved and MUST be empty.

warningNameSpaces: This value is reserved and MUST be empty.

infoNameSpaces: This value is reserved and MUST be empty.

debugNameSpaces: This value is reserved and MUST be empty.

includeExceptionStack: The new value of the **Log Exception Stack** state of the protocol server.

3.1.4.20.2.2 UpdateLogLevelsResponse

The result data for the **UpdateLogLevels** WSDL operation.

```
<xs:element name="UpdateLogLevelsResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="UpdateLogLevelsResult" nillable="true"
type="cfg:ConfigChangeStatus"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

UpdateLogLevelsResult: A **ConfigChangeStatus** element as specified in section [2.2.4.1](#).

3.1.4.21 UpdatePrimaryUserStore

The **UpdatePrimaryUserStore** operation is reserved and MUST NOT be called.

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="UpdatePrimaryUserStore"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdatePrimaryUserStore"
message="tns:IInterProcessServiceManager_UpdatePrimaryUserStore_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdatePrimaryUserStoreResponse"
message="tns:IInterProcessServiceManager_UpdatePrimaryUserStore_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

3.1.4.21.1 Messages

3.1.4.21.1.1

IInterProcessServiceManager_UpdatePrimaryUserStore_InputMessage

The requested WSDL message for the **UpdatePrimaryUserStore** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/UpdatePrimar
yUserStore
```

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

3.1.4.21.1.2

IInterProcessServiceManager_UpdatePrimaryUserStore_OutputMessage

The response WSDL message for the **UpdatePrimaryUserStore** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/UpdatePrimar
yUserStoreResponse
```

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

3.1.4.21.2 Elements

3.1.4.21.2.1 UpdatePrimaryUserStore

The input data for the **UpdatePrimaryUserStore** WSDL operation.

```
<xs:element name="UpdatePrimaryUserStore">
  <xs:complexType>
    <xs:sequence>
```



```

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

```

userStoreId: This value is undefined.

3.1.4.21.2.2 UpdatePrimaryUserStoreResponse

The result data for the **UpdatePrimaryUserStore** WSDL operation.

```

<xs:element name="UpdatePrimaryUserStoreResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="UpdatePrimaryUserStoreResult" nillable="true"
type="cfg:ConfigChangeStatus"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

UpdatePrimaryUserStoreResult: This value is undefined.

3.1.4.22 UpdatePrincipalAliaser

The **UpdatePrincipalAliaser** operation updates or creates a principal aliaser in the **Principal Aliaser List** structure of the protocol server, as specified in section [3.1.1](#).

```

<wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="UpdatePrincipalAliaser"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdatePrincipalAliaser"
message="tns:IInterProcessServiceManager_UpdatePrincipalAliaser_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdatePrincipalAliaserResponse"
message="tns:IInterProcessServiceManager_UpdatePrincipalAliaser_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>

```

The protocol client sends an **IInterProcessServiceManager_UpdatePrincipalAliaser_InputMessage** request. The protocol server MUST respond with an **IInterProcessServiceManager_UpdatePrincipalAliaser_OutputMessage** response.

The protocol server MUST change the **Principal Aliaser List** structure, as specified in section [3.1.4.22.2.1](#).

The protocol server MUST return an **UpdatePrincipalAliaserResponse** element that contains a **ConfigChangeStatus** element, as specified in section [2.2.4.1](#).

Before the protocol client calls this operation, the protocol client MUST use the **TransferFile** operation (section [3.1.4.27](#)) to transfer a principal aliaser configuration file as specified in [\[MS-FSSACFG\]](#) section 2.3.

The **inputUserStoreId** and **outputUserStoreId** attributes, as specified in [\[MS-FSSACFG\]](#) section 2.3.1.1.2, MUST refer to user stores that already exist on the protocol server, or to user stores that were created earlier in the transaction.

This operation MUST be part of a transaction, as specified in section [3.1](#).

3.1.4.22.1 Messages

3.1.4.22.1.1 IInterProcessServiceManager_UpdatePrincipalAliaser_InputMessage

The requested WSDL message for the **UpdatePrincipalAliaser** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/UpdatePrincipalAliaser
```

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

3.1.4.22.1.2

IInterProcessServiceManager_UpdatePrincipalAliaser_OutputMessage

The response WSDL message for the **UpdatePrincipalAliaser** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/UpdatePrincipalAliaserResponse
```

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

3.1.4.22.2 Elements

3.1.4.22.2.1 UpdatePrincipalAliaser

The input data for the **UpdatePrincipalAliaser** WSDL operation.

```
<xs:element name="UpdatePrincipalAliaser">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="principalAliaserId" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="update" type="xs:boolean"/>
      <xs:element
        xmlns:q4="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Base.ExternalResources" minOccurs="0" name="externalResources" nillable="true"
        type="q4:ArrayOfNamedExternalResource"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

principalAliasId: The principal aliaser identifier that the protocol server MUST update or create.

update: A Boolean value that specifies whether to update or create the principal aliaser. A value of **true** specifies that the protocol server MUST update the principal aliaser that is specified by the **principalAliasId** element. A value of **false** specifies that the protocol server MUST create a new principal aliaser that is specified by the **principalAliasId** element.

externalResources: An array that MUST contain one **NamedExternalFileResource** element (section [2.2.4.4](#)). The protocol client MUST set the **Name** element of that **NamedExternalFileResource** element to "PrincipalAliasConfigResource". The protocol server discards the **Filename** element of that **NamedExternalFileResource** element.

3.1.4.22.2 UpdatePrincipalAliasResponse

The result data for the **UpdatePrincipalAlias** WSDL operation.

```
<xs:element name="UpdatePrincipalAliasResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="UpdatePrincipalAliasResult" nillable="true"
type="cfg:ConfigChangeStatus"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

UpdatePrincipalAliasResult: A **ConfigChangeStatus** element, as specified in section [2.2.4.1](#).

3.1.4.23 UpdateUserStore

Updates or creates a user store in the **User Store List** structure of the protocol server, as specified in section [3.1.1](#).

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="UpdateUserStore"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdateUserStore" message="tns:IInterProcessServiceManager_UpdateUserStore_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdateUserStoreResponse"
message="tns:IInterProcessServiceManager_UpdateUserStore_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **IInterProcessServiceManager_UpdateUserStore_InputMessage** request. The protocol server MUST respond with an **IInterProcessServiceManager_UpdateUserStore_OutputMessage** response.

The protocol server MUST return an **UpdateUserStoreResponse** that contains a **ConfigChangeStatus** element as specified in section [2.2.4.1](#).

Before the protocol client calls this operation, the protocol client MUST use the **TransferFile** operation (section [3.1.4.27](#)) to transfer a user store configuration file, as specified in [\[MS-FSSACFG\]](#) section 2.3.

The protocol server MUST create a **User Store Database** when it creates the user store for a business e-mail solution, as described in [\[LotusNotes\]](#).

The protocol server MUST change the **User Store List** element (section [3.1.1](#)), as specified in section [3.1.4.23.2.1](#).

This operation MUST be part of a transaction, as specified in section [3.1](#).

3.1.4.23.1 Messages

3.1.4.23.1.1 IInterProcessServiceManager_UpdateUserStore_InputMessage

The requested WSDL message for the **UpdateUserStore** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/UpdateUserStore
```

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

3.1.4.23.1.2 IInterProcessServiceManager_UpdateUserStore_OutputMessage

The response WSDL message for the **UpdateUserStore** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/UpdateUserStoreResponse
```

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

3.1.4.23.2 Elements

3.1.4.23.2.1 UpdateUserStore

The input data for the **UpdateUserStore** WSDL operation.

```
<xs:element name="UpdateUserStore">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="userStoreId" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="update" type="xs:boolean"/>
      <xs:element
        xmlns:extr="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Base.ExternalResources" minOccurs="0" name="externalResources" nillable="true"
        type="extr:ArrayOfNamedExternalResource"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

userStoreId: The user store identifier of the user store that the protocol server is to update or create.

update: A Boolean value that specifies whether to update or create the user store. A value of **true** specifies that the protocol server updates the user store that is specified by the **userStoreId** element. A value of **false** specifies that the protocol server MUST create a new user store that is specified by the **userStoreId** element.

externalResources: An array that MUST contain one **NamedExternalFileResource** element (section [2.2.4.4](#)). The protocol client MUST set the **Name** element of that **NamedExternalFileResource** element to "DomainConfigResource". The protocol server discards the **Filename** element of that **NamedExternalFileResource** element.

3.1.4.23.2.2 UpdateUserStoreResponse

The result data for the **UpdateUserStore** WSDL operation.

```
<xs:element name="UpdateUserStoreResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="UpdateUserStoreResult" nillable="true"
type="cfg:ConfigChangeStatus"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

UpdateUserStoreResult: A **ConfigChangeStatus** element as specified in section [2.2.4.1](#).

This specification includes the following WSDL operations:

3.1.4.24 AddOptimizedAwayEntry

The **AddOptimizedAwayEntry** operation informs the protocol server that an operation was omitted from an update by the FSA manager component because subsequent operations made the omitted operation redundant or unnecessary.

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="AddOptimizedAwayEntry"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/AddOptimizedAwayEntry" message="tns:ITransactionLogService_AddOptimizedAwayEntry_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/AddOptimizedAwayEntryResponse"
message="tns:ITransactionLogService_AddOptimizedAwayEntry_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **ITransactionLogService_AddOptimizedAwayEntry_InputMessage** request. The protocol server MUST respond with an **ITransactionLogService_AddOptimizedAwayEntry_OutputMessage** response.

The protocol server MUST return an **AddOptimizedAwayResponse** element that contains an **AddOptimizedAwayResult** element, as specified in section [3.1.4.24.2.2](#).

The protocol client uses this operation to communicate information that an administrative user evaluates during troubleshooting. The protocol server stores a record of the information that the protocol client specifies in the input message.

This operation **MUST** be part of a transaction, as specified in section [3.1](#).

3.1.4.24.1 Messages

3.1.4.24.1.1 ITransactionLogService_AddOptimizedAwayEntry_InputMessage

The requested WSDL message for the **AddOptimizedAwayEntry** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/AddOptimizedAwayEntry
```

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

3.1.4.24.1.2 ITransactionLogService_AddOptimizedAwayEntry_OutputMessage

The response WSDL message for the **AddOptimizedAwayEntry** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/AddOptimizedAwayEntryResponse
```

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

3.1.4.24.2 Elements

3.1.4.24.2.1 AddOptimizedAwayEntry

The input data for the **AddOptimizedAwayEntry** WSDL operation.

```
<xs:element name="AddOptimizedAwayEntry">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="explanation" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="optimizer" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="synchronizer" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

explanation: A string that describes why the operation is unnecessary. This element **MUST NOT** be parsed. It is free-form; the protocol server writes it to a log that an administrative user can read.

optimizer: A name for the operation that optimized the input data and eliminated the entry. This element **MUST NOT** be parsed. It is free-form; the protocol server writes it to a log that an administrative user can read.

synchronizer: A name for the category of operation that was optimized away. This element MUST NOT be parsed. It is free-form; the protocol server writes it to a log that an administrative user can read.

3.1.4.24.2.2 AddOptimizedAwayEntryResponse

The result data for the **AddOptimizedAwayEntry** WSDL operation.

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

AddOptimizedAwayEntryResult: An element that specifies whether the protocol server performed the operation successfully. If the operation finishes successfully, this value MUST be set to the **explanation** element, as specified in section [3.1.4.24.2.1](#). Otherwise, this value MUST be set to **null**.

3.1.4.25 GetLastCommittedTransactionId

The **GetLastCommittedTransactionId** operation retrieves the **Last Committed Transaction ID** element from the protocol server, as specified in section [3.1.1](#).

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="GetLastCommittedTransactionId"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/GetL
astCommittedTransactionId"
message="tns:ITransactionLogService_GetLastCommittedTransactionId_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/GetL
astCommittedTransactionIdResponse"
message="tns:ITransactionLogService_GetLastCommittedTransactionId_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **ITransactionLogService_GetLastCommittedTransactionId_InputMessage** request. The protocol server MUST respond with an **ITransactionLogService_GetLastCommittedTransactionId_OutputMessage** response.

The protocol server MUST return a **GetLastCommittedTransactionIdResponse** that contains a **GetLastCommittedTransactionIdResult** element as specified in section [3.1.4.25.2.2](#).

This operation has low overhead. The FSA manager component uses this operation to monitor whether the protocol server is online, as specified in section [3.2.5](#).

3.1.4.25.1 Messages

3.1.4.25.1.1

ITransactionLogService_GetLastCommittedTransactionId_InputMessage

The requested WSDL message for the **GetLastCommittedTransactionId** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/GetLastCommittedTransactionId
```

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

3.1.4.25.1.2

ITransactionLogService_GetLastCommittedTransactionId_OutputMessage

The response WSDL message for the **GetLastCommittedTransactionId** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/GetLastCommittedTransactionIdResponse
```

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

3.1.4.25.2 Elements

3.1.4.25.2.1 GetLastCommittedTransactionId

The input data for the **GetLastCommittedTransactionId** WSDL operation.

```
<xs:element name="GetLastCommittedTransactionId">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>
```

3.1.4.25.2.2 GetLastCommittedTransactionIdResponse

The result data for the **GetLastCommittedTransactionId** WSDL operation.

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


GetLastCommittedTransactionIdResult: The value of the **Last Committed Transaction ID** element from the protocol server, as specified in section [3.1.1](#).

3.1.4.26 SetRequestedTransactionId

The **SetRequestedTransactionId** sets the **Last Committed Transaction ID** element from the protocol server, as specified in section [3.1.1](#).

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="SetRequestedTransactionId"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/SetR
equestedTransactionId"
message="tns:ITransactionLogService_SetRequestedTransactionId_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/SetR
equestedTransactionIdResponse"
message="tns:ITransactionLogService_SetRequestedTransactionId_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client MUST call this operation as part of each transaction when it synchronizes a protocol server that was offline. This operation MUST NOT be the only write operation in a transaction. When the protocol server successfully commits the transaction, it sets the **Last Committed Transaction ID** element (section [3.1.1](#)) to the **newRequestedTransactionId** element that was specified in the most recent call to this operation within that transaction.

The protocol client sends an **ITransactionLogService_SetRequestedTransactionId_InputMessage** request. The protocol server MUST respond with an **ITransactionLogService_SetRequestedTransactionId_OutputMessage** response.

The protocol server MUST return a **SetRequestedTransactionIdResponse** element that contains a **SetRequestedTransactionIdResult** element, as specified in section [3.1.4.26.2.2](#).

This operation MUST be part of a transaction, as specified in section [3.1](#).

3.1.4.26.1 Messages

3.1.4.26.1.1 ITransactionLogService_SetRequestedTransactionId_InputMessage

The requested WSDL message for the **SetRequestedTransactionId** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/SetRequestedTrans
actionId
```

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

3.1.4.26.1.2 ITransactionLogService_SetRequestedTransactionId_OutputMessage

The response WSDL message for the **SetRequestedTransactionId** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/SetRequestedTransactionIdResponse
```

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

3.1.4.26.2 Elements

3.1.4.26.2.1 SetRequestedTransactionId

The input data for the **SetRequestedTransactionId** WSDL operation.

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

newRequestedTransactionId: The new value for the **Last Committed Transaction ID** element from the protocol server, as specified in section [3.1.1](#).

3.1.4.26.2.2 SetRequestedTransactionIdResponse

The result data for the **SetRequestedTransactionId** WSDL operation.

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

SetRequestedTransactionIdResult: A value that specifies whether the protocol server performed the operation successfully. If the operation finished successfully, this value **MUST** be set to the **newRequestedTransactionId** input element, as specified in section [3.1.4.26.2.1](#). Otherwise, this value **MUST** be set to **null**.

This specification includes the following WSDL operations:

3.1.4.27 TransferFile

The **TransferFile** operation transfers a file to the protocol server.

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="TransferFile"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessFileTransfer/T
```

```

ransferFile" message="tns:IInterProcessFileTransfer_TransferFile_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessFileTransfer/T
ransferFileResponse" message="tns:IInterProcessFileTransfer_TransferFile_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>

```

The protocol client sends an **IInterProcessFileTransfer_TransferFile_InputMessage** request. The protocol server MUST respond with an **IInterProcessFileTransfer_TransferFile_OutputMessage** response.

If the size of the file is greater than 32768 bytes, the protocol client MUST split the file into blocks of 32768 bytes. If the original file size is not an even multiple of 32768 bytes, the final block is the remainder of the file. If the size of the file is less than or equal to 32768 bytes, the protocol client MUST use the entire file contents as the first and only block.

The protocol client MUST call this operation one time for each block of the file, and encode each block using base 64 encoding as specified in [\[RFC4648\]](#).

The protocol client MUST set the **part** element of the **TransferFile** element to zero for the first block of a file, and MUST increment it by 1 for each sequential block. The protocol client MUST set the **block** element of the **TransferFile** element to the corresponding base64-encoded file block.

This operation MUST be part of a transaction, as specified in section [3.1](#).

3.1.4.27.1 Messages

3.1.4.27.1.1 IInterProcessFileTransfer_TransferFile_InputMessage

The requested WSDL message for the **TransferFile** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessFileTransfer/TransferFile
```

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

3.1.4.27.1.2 IInterProcessFileTransfer_TransferFile_OutputMessage

The response WSDL message for the **TransferFile** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessFileTransfer/TransferFileRe
sponse
```

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

3.1.4.27.2 Elements

3.1.4.27.2.1 TransferFile

The input data for the **TransferFile** WSDL operation.

```

<xs:element name="TransferFile">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="fileId" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="isLargeFile" type="xs:boolean"/>
      <xs:element minOccurs="0" name="part" type="xs:int"/>
      <xs:element minOccurs="0" name="block" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

fileId: A **Temporary File Identifier** (section [3.1.1](#)). This value **MUST** be the same as that of the **TransferredFileId** element of a **NamedExternalFileResource** element, as specified in section [2.2.4.4](#). That **NamedExternalFileResource** is associated with a user store or principal aliaser component that is updated within the same transaction.

isLargeFile: A Boolean value that specifies whether the file is stored in the **Large Capacity File Store** location or in the **Default File Store** location, as specified in section [3.1.1](#). A value of **true** specifies that the file **MUST** be in the **Large Capacity File Store** location. A value of **false** specifies that it **MUST** be in the **Default File Store** location.

part: An integer element that specifies the position of the payload within the file.

block: The payload, expressed in base 64 encoding as specified in [RFC4648](#).

3.1.4.27.2.2 TransferFileResponse

The result data for the **TransferFile** WSDL operation.

```

<xs:element name="TransferFileResponse">
  <xs:complexType>
    <xs:sequence/>
  </xs:complexType>
</xs:element>

```

This specification includes the following WSDL operations:

3.1.4.28 GetGroups

The **GetGroups** operation retrieves group membership information for the specified security principal within the specified user store.

```

<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="GetGroups"
  xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
    wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IUserMonitorWorker/GetGroup
    s" message="tns:IUserMonitorWorker_GetGroups_InputMessage"
    xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
    wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IUserMonitorWorker/GetGroup
    sResponse" message="tns:IUserMonitorWorker_GetGroups_OutputMessage"
    xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>

```

The protocol client sends an **IUserMonitorWorker_GetGroups_InputMessage** request. The protocol server MUST respond with an **IUserMonitorWorker_GetGroups_OutputMessage** response.

If the operation finishes successfully, the protocol server MUST return a **GetGroupsResponse** element containing a **GetGroupsResult** element that lists the groups of which the specified security principal is a member. If the operation fails, the protocol server MUST set the **GetGroupsResult** element to null.

3.1.4.28.1 Messages

3.1.4.28.1.1 IUserMonitorWorker_GetGroups_InputMessage

The requested WSDL message for the **GetGroups** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IUserMonitorWorker/GetGroups
```

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

3.1.4.28.1.2 IUserMonitorWorker_GetGroups_OutputMessage

The response WSDL message for the **GetGroups** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IUserMonitorWorker/GetGroupsResponse
```

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

3.1.4.28.2 Elements

3.1.4.28.2.1 GetGroups

The input data for the **GetGroups** WSDL operation.

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

userID: The target security principal identifier.

domainId: The user store identifier for the target user store.

3.1.4.28.2.2 GetGroupsResponse

The result data for the **GetGroups** WSDL operation.

```

<xs:element name="GetGroupsResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:ary="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="GetGroupsResult" nillable="true"
type="ary:ArrayOfArrayOfKeyValueOfstringstring"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

GetGroupsResult: A list of security principal identifiers of groups of which the specified security principal is a member.

3.1.4.28.3 Complex Types

3.1.4.28.3.1 ArrayOfArrayOfKeyValueOfstringstring

The **ArrayOfArrayOfKeyValueOfstringstring** complex type is an array of **ArrayOfKeyValueOfstringstring** elements, each of which is a dictionary containing key/value pairs..

```

<xs:complexType name="ArrayOfArrayOfKeyValueOfstringstring">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="ArrayOfKeyValueOfstringstring"
nillable="true" type="ary:ArrayOfKeyValueOfstringstring"/>
  </xs:sequence>
</xs:complexType>

```

ArrayOfKeyValueOfstringstring: A dictionary that contains key/value pairs that represent the properties of a group.

3.1.4.28.3.2 ArrayOfKeyValueOfstringstring

A dictionary of key-value pairs.

```

<xs:complexType name="ArrayOfKeyValueOfstringstring">
  <xs:annotation>
    <xs:appinfo>
      <IsDictionary
xmlns="http://schemas.microsoft.com/2003/10/Serialization/">true</IsDictionary>
    </xs:appinfo>
  </xs:annotation>
  <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: A key-value pair.

KeyValueOfstringstring.Key: The name of the property.

KeyValueOfstringstring.Value: The value of the property.

This specification includes the following WSDL operations:

3.1.4.29 TestResolve

The **TestResolve** operation resolves a security principal. The available principal aliasers are used for any troubleshooting that is necessary during the operation.

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="TestResolve"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
  <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IUserStoreManagerWorker/TestResolve" message="tns:IUserStoreManagerWorker_TestResolve_InputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IUserStoreManagerWorker/TestResolveResponse" message="tns:IUserStoreManagerWorker_TestResolve_OutputMessage"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
</wsdl:operation>
```

The protocol client sends an **IUserStoreManagerWorker_TestResolve_InputMessage** request. The protocol server MUST respond with an **IUserStoreManagerWorker_TestResolve_OutputMessage** response.

The protocol server MUST use the principal aliasers to resolve equivalent security principals for the security principal that is specified in the **securityEntityId** element (section [3.1.4.29.2.1](#)). The protocol server MUST continue to perform rounds of resolution until it performs a round that does not resolve any new security principals.

If the operation finishes successfully, the protocol server MUST return a **TestResolveResponse** element that provides a **TestResolveResult** element that contains a **ResolveSummary** element. Otherwise, the protocol server MUST set the **TestResolveResult** element to null.

3.1.4.29.1 Messages

3.1.4.29.1.1 IUserStoreManagerWorker_TestResolve_InputMessage

The requested WSDL message for the **TestResolve** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IUserStoreManagerWorker/TestResolve
```

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

3.1.4.29.1.2 IUserStoreManagerWorker_TestResolve_OutputMessage

The response WSDL message for the **TestResolve** method.

The SOAP action value is:

http://Microsoft.SharePoint.Search.Extended.Security/IUserStoreManagerWorker/TestResolveResponse

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

3.1.4.29.2 Elements

3.1.4.29.2.1 TestResolve

The input data for the **TestResolve** WSDL operation.

```
<xs:element name="TestResolve">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="domainId" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="securityEntityId" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="returnProperties" type="xs:boolean"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

domainId: The user store identifier of the target user store.

securityEntityId: The security principal identifier of the security principal to resolve.

returnProperties: This element MUST be ignored by the protocol server.

3.1.4.29.2.2 TestResolveResponse

The result data for the **TestResolve** WSDL operation.

```
<xs:element name="TestResolveResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element
        xmlns:trbsh="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.TroubleShooting" minOccurs="0" name="TestResolveResult" nillable="true"
        type="trbsh:ResolveSummary"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

TestResolveResult: A **ResolveSummary** element, as specified in section [3.1.4.29.3.1](#).

3.1.4.29.3 Complex Types

3.1.4.29.3.1 ResolveSummary

The **ResolveSummary** complex type contains information about a security principal that the protocol server resolved by using the user stores and principal aliasers.

```
<xs:complexType name="ResolveSummary">
  <xs:sequence>
```



```

    <xs:element minOccurs="0" name="ReturnProperties" type="xs:boolean"/>
    <xs:element minOccurs="0" name="cachedPrincipals" nillable="true"
type="ary:ArrayOfKeyValueOfstringResolvePrincipalSPVHpMhO"/>
    <xs:element minOccurs="0" name="resolveTime" type="ser:duration"/>
    <xs:element minOccurs="0" name="resolvedMap" nillable="true"
type="ary:ArrayOfKeyValueOfstringArrayOfstringty7Ep6D1"/>
    <xs:element minOccurs="0" name="rounds" nillable="true"
type="trbsh:ArrayOfResolveRound"/>
    <xs:element minOccurs="0" name="securityPrincipalId" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="userStoreId" nillable="true" type="xs:string"/>
  </xs:sequence>
</xs:complexType>

```

ReturnProperties: This element MUST be ignored by the protocol client.

cachedPrincipals: An instance of the **ArrayOfKeyValueOfstringResolvePrincipalSPVHpMhO** element, as specified in section [3.1.4.29.3.2](#).

resolveTime: The duration of time that is used to complete the **TestResolve** operation.

resolvedMap: An instance of the **ArrayOfKeyValueOfstringArrayOfstringty7Ep6D1** element, as specified in section [3.1.4.29.3.5](#).

rounds: An instance of the **ArrayOfResolveRound** element, as specified in section [3.1.4.29.3.6](#).

securityPrincipalId: The protocol server MUST set this value to the **securityEntityId** element that is used in the input message, as specified in section [3.1.4.29.2.1](#).

userStoreId: The protocol server MUST set this value to the **domainId** element from the input message, as specified in section [3.1.4.29.2.1](#).

3.1.4.29.3.2 ArrayOfKeyValueOfstringResolvePrincipalSPVHpMhO

The **ArrayOfKeyValueOfstringResolvePrincipalSPVHpMhO** complex type represents a dictionary that contains security principals that the protocol server resolved by using the user stores and principal aliases.

```

<xs:complexType name="ArrayOfKeyValueOfstringResolvePrincipalSPVHpMhO">
  <xs:annotation>
    <xs:appinfo>
      <IsDictionary
xmlns="http://schemas.microsoft.com/2003/10/Serialization/">true</IsDictionary>
    </xs:appinfo>
    </xs:annotation>
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
name="KeyValueOfstringResolvePrincipalSPVHpMhO">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="Key" nillable="true" type="xs:string"/>
          <xs:element
xmlns:trbsh="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.TroubleShooting" name="Value" nillable="true" type="trbsh:ResolvePrincipal"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

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

KeyValueOfstringResolvePrincipalSPVHpMhO: A dictionary entry that consists of a key and a value.

KeyValueOfstringResolvePrincipalSPVHpMhO.Key: An identifier that is assigned by the protocol server to uniquely specify the combination of a security principal and user store. The form of this identifier is implementation specific.

KeyValueOfstringResolvePrincipalSPVHpMhO.Value: An instance of the **ResolvePrincipal** element, as specified in section [3.1.4.29.3.3](#).

3.1.4.29.3.3 ResolvePrincipal

The **ResolvePrincipal** complex type represents a security principal record.

```
<xs:complexType name="ResolvePrincipal">
  <xs:sequence>
    <xs:element minOccurs="0" name="Alias" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="Id" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="Type" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="properties" nillable="true"
type="ary:ArrayOfKeyValueOfstringstring"/>
  </xs:sequence>
</xs:complexType>
```

Alias: A human-readable name that is associated with the security principal for purposes of troubleshooting. This element is free-form and MUST NOT be parsed.

Id: The security principal identifier.

Type: The type of security principal. This value MUST be set to "user", "group", "unknown", or "undefined".

properties: An instance of the **ArrayOfKeyValueOfstringstring** element, as specified in section [3.1.4.29.3.4](#).

3.1.4.29.3.4 ArrayOfKeyValueOfstringstring

The **ArrayOfKeyValueOfstringstring** complex type MUST be empty.

```
<xs:complexType name="ArrayOfKeyValueOfstringstring">
  <xs:annotation>
    <xs:appinfo>
      <IsDictionary
xmlns="http://schemas.microsoft.com/2003/10/Serialization/">true</IsDictionary>
    </xs:appinfo>
    </xs:annotation>
  <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:complexType>
  </xs:element>
</xs:sequence>
</xs:complexType>

```

KeyArrayOfstringstring: This value is undefined.

KeyArrayOfstringstring.Key: This value is undefined.

KeyArrayOfstringstring.Value: This value is undefined.

3.1.4.29.3.5 ArrayOfKeyArrayOfstringArrayOfstringty7Ep6D1

The **ArrayOfKeyArrayOfstringArrayOfstringty7Ep6D1** complex type is a dictionary of user store identifier keys and security principal identifier values.

```

<xs:complexType name="ArrayOfKeyArrayOfstringArrayOfstringty7Ep6D1">
  <xs:annotation>
    <xs:appinfo>
      <IsDictionary
xmlns="http://schemas.microsoft.com/2003/10/Serialization/">true</IsDictionary>
    </xs:appinfo>
  </xs:annotation>
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded"
name="KeyArrayOfstringArrayOfstringty7Ep6D1">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="Key" nillable="true" type="xs:string"/>
          <xs:element name="Value" nillable="true" type="ary:ArrayOfstring"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

KeyArrayOfstringArrayOfstringty7Ep6D1: A key-value pair.

KeyArrayOfstringArrayOfstringty7Ep6D1.Key: The user store identifier of the user store from which the information in the **KeyArrayOfstringArrayOfstringty7Ep6D1.Value** element was retrieved.

KeyArrayOfstringArrayOfstringty7Ep6D1.Value: The identifiers of the groups of which the resolved security principal is a member within the user store. These identifiers use the same format as the **KeyArrayOfstringResolvePrincipalSPVHpMhO.Key** element, as specified in section [3.1.4.29.3.2](#).

3.1.4.29.3.6 ArrayOfResolveRound

The **ArrayOfResolveRound** complex type is an ordered list of **ResolveRound** elements, as specified in section [3.1.4.29.3.7](#).

```

<xs:complexType name="ArrayOfResolveRound">
  <xs:sequence>

```

```

    <xs:element minOccurs="0" maxOccurs="unbounded" name="ResolveRound" nillable="true"
type="trbsh:ResolveRound"/>
  </xs:sequence>
</xs:complexType>

```

ResolveRound: An instance of the **ResolveRound** element, as specified in section [3.1.4.29.3.7](#).

3.1.4.29.3.7 ResolveRound

The **ResolveRound** complex type contains the groups that were resolved in one round of principal aliaser resolution.

```

<xs:complexType name="ResolveRound">
  <xs:sequence>
    <xs:element minOccurs="0" name="MapToUserStoreId" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="RoundId" type="xs:int"/>
    <xs:element minOccurs="0" name="expandTime" type="ser:duration"/>
    <xs:element minOccurs="0" name="expandedPrincipals" nillable="true"
type="ary:ArrayOfstring"/>
    <xs:element minOccurs="0" name="hasUserMonitor" type="xs:boolean"/>
    <xs:element minOccurs="0" name="inputPrincipals" nillable="true"
type="ary:ArrayOfstring"/>
    <xs:element minOccurs="0" name="newPrincipals" nillable="true" type="ary:ArrayOfstring"/>
    <xs:element minOccurs="0" name="resolveAliases" nillable="true"
type="trbsh:ArrayOfResolveAliaser"/>
    <xs:element minOccurs="0" name="resolveTime" type="ser:duration"/>
  </xs:sequence>
</xs:complexType>

```

MapToUserStoreId: The user store identifier of the user store that the protocol server used for this round of principal aliaser resolution.

RoundId: The unique identifier of this round of principal aliaser resolution.

expandTime: The amount of time that the protocol server used to complete this round of principal aliaser resolution.

expandedPrincipals: The identifiers of security principals that were resolved in this round and to which that the resolved security principal was granted access within the user store. These identifiers use the same format as the **KeyValueOfstringResolvePrincipalSPVHpMhO.Key** element, as specified in section [3.1.4.29.3.2](#).

hasUserMonitor: This value MUST be set to **true**.

inputPrincipals: The identifiers that the protocol server attempted to resolve in this round. These identifiers use the same format as the **KeyValueOfstringResolvePrincipalSPVHpMhO.Key** element, as specified in section [3.1.4.29.3.2](#).

newPrincipals: The identifiers that the protocol server resolved in this round, but that it did not resolve in a previous round. These identifiers use the same format as the **KeyValueOfstringResolvePrincipalSPVHpMhO.Key** element, as specified in section [3.1.4.29.3.2](#).

resolveAliases: The principal aliasers that the protocol server used in this round, formatted as **ResolveAliaser** elements as specified in section [3.1.4.29.3.9](#).

resolveTime: The amount of time that the protocol server used for this round.

3.1.4.29.3.8 ArrayOfResolveAliaser

The **ArrayOfResolveAliaser** complex type is an array of **ResolveAliaser** elements, as specified in section [3.1.4.29.3.9](#).

```
<xs:complexType name="ArrayOfResolveAliaser">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="ResolveAliaser" nillable="true"
      type="trbsh:ResolveAliaser"/>
  </xs:sequence>
</xs:complexType>
```

ResolveAliaser: A **ResolveAliaser** element, as specified in section [3.1.4.29.3.9](#).

3.1.4.29.3.9 ResolveAliaser

The **ResolveAliaser** complex type contains information about a principal aliaser.

```
<xs:complexType name="ResolveAliaser">
  <xs:sequence>
    <xs:element minOccurs="0" name="id" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="inputUserStoreId" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="outputPrincipals" nillable="true"
      type="ary:ArrayOfstring"/>
    <xs:element minOccurs="0" name="outputUserStoreId" nillable="true" type="xs:string"/>
    <xs:element minOccurs="0" name="resolveTime" type="ser:duration"/>
  </xs:sequence>
</xs:complexType>
```

id: The principal aliaser identifier.

inputUserStoreId: The user store identifier of the input user store of the principal aliaser. This is the user store that contains the security principal identifiers that are specified as input to the principal aliaser.

outputPrincipals: The security principals that the protocol server resolved with this principal aliaser. These identifiers use the same format as the **KeyValueOfstringResolvePrincipalSPVHpMhO.Key** element, as specified in section [3.1.4.29.3.2](#).

outputUserStoreId: The user store identifier of the output user store of the principal aliaser. The output user store contains the security principal identifiers that are based on mapping of the input security principal identifiers.

resolveTime: The amount of time for which the protocol server used this principal aliaser.

This specification includes the following WSDL operations:

3.1.4.30 SwapXmlMappingFile

The **SwapXMLMappingFile** operation activates an updated XML mapping file for the specified principal aliaser.

```
<wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="SwapXmlMappingFile"
  xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract">
```

```

    <wsdl:input
      wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IXMLAliasWorker/SwapXmlMa
      ppingFile" message="tns:IXMLAliasWorker_SwapXmlMappingFile_InputMessage"
      xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
    <wsdl:output
      wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IXMLAliasWorker/SwapXmlMa
      ppingFileResponse" message="tns:IXMLAliasWorker_SwapXmlMappingFile_OutputMessage"
      xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"/>
  </wsdl:operation>

```

The protocol client sends an **IXMLAliasWorker_SwapXmlMappingFile_InputMessage** request. The protocol server MUST respond with an **IXMLAliasWorker_SwapXmlMappingFile_OutputMessage** response.

The protocol server MUST return an **SwapXmlMappingFileResponse** element that contains a **ConfigChangeStatus** element as specified in section [2.2.4.1](#).

Before the protocol client calls this operation, the protocol client MUST call the **UpdatePrincipalAlias** operation (section [3.1.4.22](#)) and the **TransferFile** operation (section [3.1.4.27](#)) to update a **Principal Alias Configuration** file and a **Principal Alias Mapping** file, as specified in section [3.1.1](#). The protocol client MUST NOT use this operation to activate a new principal aliaser.

This operation MUST be part of a transaction, as specified in section [3.1](#).

3.1.4.30.1 Messages

3.1.4.30.1.1 IXMLAliasWorker_SwapXmlMappingFile_InputMessage

The requested WSDL message for the **SwapXmlMappingFile** WSDL operation.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IXMLAliasWorker/SwapXmlMappingFile
```

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

3.1.4.30.1.2 IXMLAliasWorker_SwapXmlMappingFile_OutputMessage

The response WSDL message for the **SwapXmlMappingFile** method.

The SOAP action value is:

```
http://Microsoft.SharePoint.Search.Extended.Security/IXMLAliasWorker/SwapXmlMappingFileResp
onse
```

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

3.1.4.30.2 Elements

3.1.4.30.2.1 SwapXmlMappingFile

The input data for the **SwapXmlMappingFile** WSDL operation.

```

<xs:element name="SwapXmlMappingFile">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="principalAliasId" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="xmlMappingFileId" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="aliaserConfigFileId" nillable="true" type="xs:string"/>
      <xs:element minOccurs="0" name="mappingFileName" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

principalAliasId: The principal aliaser identifier of the target principal aliaser.

xmlMappingFileId: The **Temporary File Identifier** element (section [3.1.1](#)) of the XML mapping file to activate. This identifier MUST correspond to the **fileId** element that is associated with a previous call to the **TransferFile** operation, as specified in section [3.1.4.27](#). When the protocol client requests that the protocol server commit the transaction, the protocol server MUST use this temporary file to replace the active version of the file that is specified in the **mappingFileName** element.

aliaserConfigFileId: The **Temporary File Identifier** element (section [3.1.1](#)) of the principal aliaser configuration file to activate, as specified in [\[MS-FSSACFG\]](#) section 1.4.2. This identifier MUST correspond to the **fileId** element that is associated with a previous call to the **TransferFile** operation, as specified in section [3.1.4.27](#).

mappingFileName: The name of the XML principal aliaser file to activate, as specified in [\[MS-FSSADFF\]](#) section 2.3.

3.1.4.30.2.2 SwapXmlMappingFileResponse

The result data for the **SwapXmlMappingFile** WSDL operation.

```

<xs:element name="SwapXmlMappingFileResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element
        xmlns:cfg="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Config"
        minOccurs="0" name="SwapXmlMappingFileResult" nillable="true"
        type="cfg:ConfigChangeStatus"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

SwapXmlMappingFileResult: A **ConfigChangeStatus** element, as specified in section [2.2.4.1](#).

3.1.5 Timer Events

None.

3.1.6 Other Local Events

None.

3.2 Client Details

This section describes the details of the FSA manager component or troubleshooting tool that acts as a protocol client.

3.2.1 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 information in this section applies to the FSA manager component, and does not pertain to protocol clients that perform only troubleshooting. The protocol client **MUST** maintain the following states:

Transaction ID: A globally unique **transaction identifier** assigned to a set of write operations. The protocol client uses this element to permanently specify a corresponding sequence of write operations across multiple protocol servers.

Server List: The protocol servers that the protocol client manages.

Offline Server List: The protocol servers from the server list that are marked as offline.

Transaction Log: A history of transactions that the protocol client committed on protocol servers. The format of the log is implementation-dependent, but the log **MUST** contain sufficient detail for a protocol client to synchronize the configuration of a new protocol server with the existing protocol servers, or for the protocol client to synchronize the configuration of a protocol server that was offline with the online protocol servers.

User Store List: A set of user stores that the protocol client manages on protocol servers. This list contains the same elements as the user store list specified in section [3.1.1](#).

Principal Aliaser List: A set of principal aliasers that the protocol client manages on protocol servers. This list is comprised of the same elements as the **Principal Aliaser List** element specified in section [3.1.1](#).

Log Level: The minimum level of message to log. This element **MUST** be set to one of the following **strings**, specified in descending order.

- Error
- Warning
- Info
- Debug

Log Exception Stack: A Boolean value that specifies whether to include an exception stack in the log if one is available. A value of **true** specifies that exception stacks are logged, and **false** specifies that exception stacks are not logged.

3.2.2 Timers

The **Ping** timer polls protocol servers to detect whether they are online.

3.2.3 Initialization

The protocol client MUST start a **Ping** timer that recurs every 60 seconds, as specified in section [3.2.2](#).

3.2.4 Message Processing Events and Sequencing Rules

None.

3.2.5 Timer Events

The **Ping** event calls the **GetLastCommittedTransactionId** operation (section [3.1.4.25](#)) for each protocol server in the **Server List** as specified in section [3.2.1](#).

If the protocol client cannot communicate with a protocol server, the protocol client MUST add that protocol server to the **Offline Server List** as specified in section [3.2.1](#).

If the protocol client can communicate with a protocol server that is in the **Offline Server List**, the protocol client MUST synchronize that protocol server by committing the transactions that it did not commit to the protocol server while it was offline. The protocol client locates the **Last Committed Transaction ID** (section [3.1.1](#)) of the protocol server in the **Transaction Log** (section [3.2.1](#)), and then commits all of the subsequent transactions. The protocol client MUST then remove the protocol server from the **Offline Server List**.

3.2.6 Other Local Events

None.

4 Protocol Examples

For each of these examples, the protocol client initiates a transaction and then performs the operations within that transaction. In each case, the protocol client finishes by committing the transaction.

4.1 Update or Create a User Store

To update or create a user store configuration, the protocol client calls the sequence of operations described in the following diagram against all of the online protocol servers.

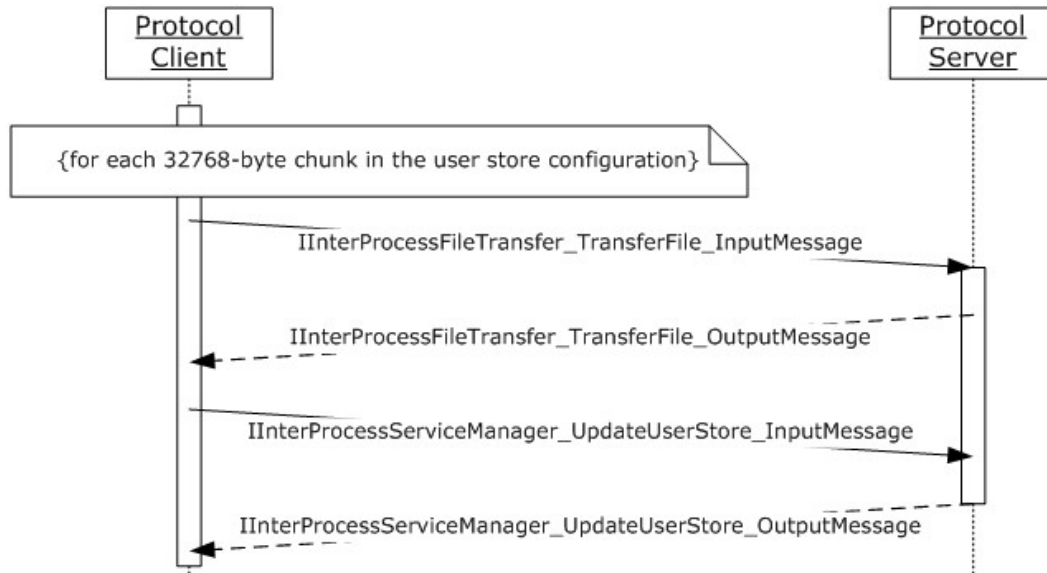


Figure 2: Updating a user store

4.2 Update a User Store Database

To update a user store database as described in section [3.1.1](#), the protocol client calls the sequence of operations described in the following diagram against all of the online protocol servers.

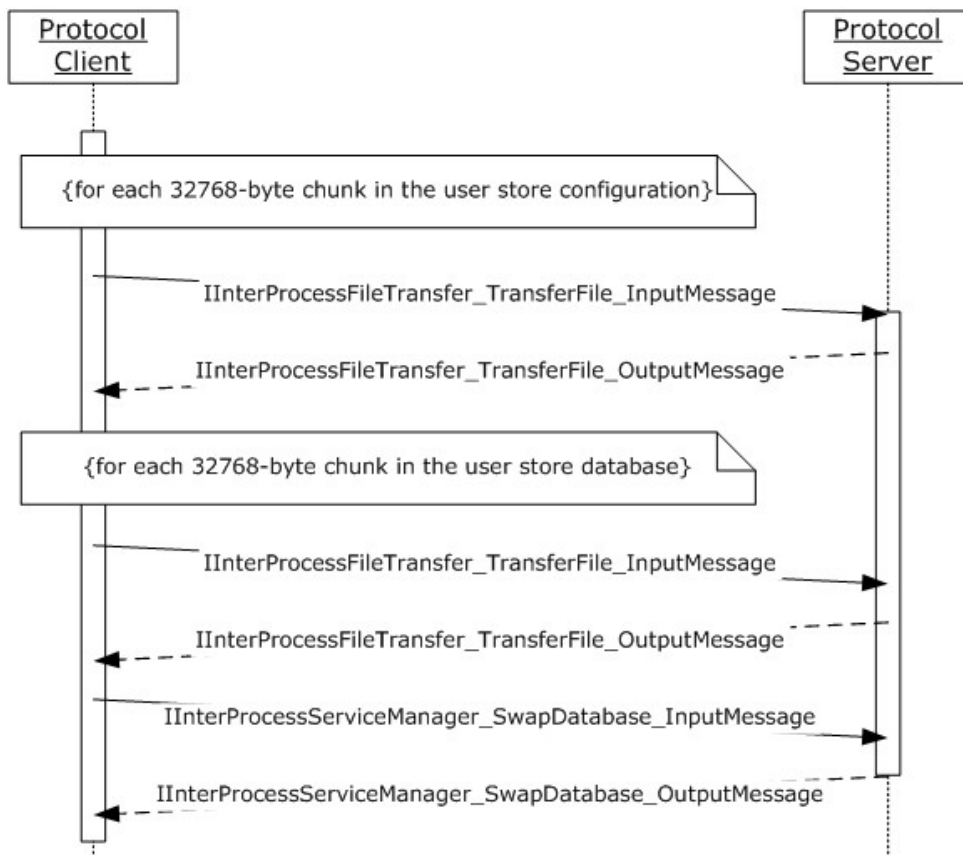


Figure 3: Replacing a user store configuration and database

5 Security

5.1 Security Considerations for Implementers

This protocol assumes that authentication was performed by the underlying protocols.

5.2 Index of Security Parameters

None.

6 Appendix A: Full WSDL

For ease of implementation, the full WSDL for each service is provided in the following sections.

6.1 HelperUtilitiesTS Web Service WSDL

```
<?xml version="1.0" encoding="utf-8"?>
<wsdl:definitions xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"
xmlns:wsa10="http://www.w3.org/2005/08/addressing"
xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd" xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy"
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/" name="HelperUtilitiesTS"
targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsp:Policy wsu:Id="NetTcpBinding_IHelperUtilities_policy">
    <wsp:ExactlyOne>
      <wsp:All>
        <wsrm:RMAssertion xmlns:wsrm="http://schemas.xmlsoap.org/ws/2005/02/rm/policy">
          <wsrm:InactivityTimeout Milliseconds="1800000">
            </wsrm:InactivityTimeout>
          <wsrm:AcknowledgementInterval Milliseconds="200">
            </wsrm:AcknowledgementInterval>
          </wsrm:RMAssertion>
          <sp:SymmetricBinding xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
            <wsp:Policy>
              <sp:ProtectionToken>
                <wsp:Policy>
                  <sp:SecureConversationToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
                    <wsp:Policy>
                      <sp:RequireDerivedKeys>
                        </sp:RequireDerivedKeys>
                      <sp:BootstrapPolicy>
                        <wsp:Policy>
                          <sp:SignedParts>
                            <sp:Body>
                              </sp:Body>
                            <sp:Header Name="To"
Namespace="http://www.w3.org/2005/08/addressing">
                              </sp:Header>
                            <sp:Header Name="From"
Namespace="http://www.w3.org/2005/08/addressing">
                              </sp:Header>
                            <sp:Header Name="FaultTo"
Namespace="http://www.w3.org/2005/08/addressing">
                              </sp:Header>
                            <sp:Header Name="ReplyTo"
Namespace="http://www.w3.org/2005/08/addressing">
                              </sp:Header>
                            <sp:Header Name="MessageID"
Namespace="http://www.w3.org/2005/08/addressing">
                              </sp:Header>
                            <sp:Header Name="RelatesTo"
Namespace="http://www.w3.org/2005/08/addressing">
                              </sp:Header>
                            <sp:Header Name="Action"
Namespace="http://www.w3.org/2005/08/addressing">
                              </sp:Header>

```

```

        </sp:SignedParts>
        <sp:EncryptedParts>
            <sp:Body>
            </sp:Body>
        </sp:EncryptedParts>
        <sp:SymmetricBinding>
            <wsp:Policy>
                <sp:ProtectionToken>
                    <wsp:Policy>
                        <sp:SpnegoContextToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
                            <wsp:Policy>
                                <sp:RequireDerivedKeys>
                                </sp:RequireDerivedKeys>
                            </wsp:Policy>
                        </sp:SpnegoContextToken>
                    </wsp:Policy>
                </sp:ProtectionToken>
                <sp:AlgorithmSuite>
                    <wsp:Policy>
                        <sp:Basic256>
                        </sp:Basic256>
                    </wsp:Policy>
                </sp:AlgorithmSuite>
                <sp:Layout>
                    <wsp:Policy>
                        <sp:Strict>
                        </sp:Strict>
                    </wsp:Policy>
                </sp:Layout>
                <sp:IncludeTimestamp>
                </sp:IncludeTimestamp>
                <sp:EncryptSignature>
                </sp:EncryptSignature>
                <sp:OnlySignEntireHeadersAndBody>
                </sp:OnlySignEntireHeadersAndBody>
            </wsp:Policy>
        </sp:SymmetricBinding>
        <sp:Wss11>
            <wsp:Policy>
                <sp:MustSupportRefKeyIdentifier>
                </sp:MustSupportRefKeyIdentifier>
                <sp:MustSupportRefIssuerSerial>
                </sp:MustSupportRefIssuerSerial>
                <sp:MustSupportRefThumbprint>
                </sp:MustSupportRefThumbprint>
                <sp:MustSupportRefEncryptedKey>
                </sp:MustSupportRefEncryptedKey>
            </wsp:Policy>
        </sp:Wss11>
        <sp:Trust10>
            <wsp:Policy>
                <sp:MustSupportIssuedTokens>
                </sp:MustSupportIssuedTokens>
                <sp:RequireClientEntropy>
                </sp:RequireClientEntropy>
                <sp:RequireServerEntropy>
                </sp:RequireServerEntropy>
            </wsp:Policy>
        </sp:Trust10>
    </wsp:Policy>

```

```

        </wsp:Policy>
      </sp:Trust10>
    </wsp:Policy>
  </sp:BootstrapPolicy>
</wsp:Policy>
</sp:SecureConversationToken>
</wsp:Policy>
</sp:ProtectionToken>
<sp:AlgorithmSuite>
  <wsp:Policy>
    <sp:Basic256>
  </sp:Basic256>
  </wsp:Policy>
</sp:AlgorithmSuite>
<sp:Layout>
  <wsp:Policy>
    <sp:Strict>
  </sp:Strict>
  </wsp:Policy>
</sp:Layout>
<sp:IncludeTimestamp>
</sp:IncludeTimestamp>
<sp:EncryptSignature>
</sp:EncryptSignature>
<sp:OnlySignEntireHeadersAndBody>
</sp:OnlySignEntireHeadersAndBody>
  </wsp:Policy>
</sp:SymmetricBinding>
<sp:Wss11 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
  <wsp:Policy>
    <sp:MustSupportRefKeyIdentifier>
  </sp:MustSupportRefKeyIdentifier>
    <sp:MustSupportRefIssuerSerial>
  </sp:MustSupportRefIssuerSerial>
    <sp:MustSupportRefThumbprint>
  </sp:MustSupportRefThumbprint>
    <sp:MustSupportRefEncryptedKey>
  </sp:MustSupportRefEncryptedKey>
  </wsp:Policy>
</sp:Wss11>
<sp:Trust10 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
  <wsp:Policy>
    <sp:MustSupportIssuedTokens>
  </sp:MustSupportIssuedTokens>
    <sp:RequireClientEntropy>
  </sp:RequireClientEntropy>
    <sp:RequireServerEntropy>
  </sp:RequireServerEntropy>
  </wsp:Policy>
</sp:Trust10>
  <msb:BinaryEncoding
xmlns:msb="http://schemas.microsoft.com/ws/06/2004/mspolicy/netbinary1">
  </msb:BinaryEncoding>
  <wsaw:UsingAddressing>
  </wsaw:UsingAddressing>
</wsp:All>
  </wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_IHelperUtilities_DoesFileExist_Input_policy">

```

```

    <wsp:ExactlyOne>
      <wsp:All>
        <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
          <sp:Body>
          </sp:Body>
          <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
          </sp:Header>
          <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
          </sp:Header>
          <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
          </sp:Header>
          <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
          </sp:Header>
          <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
          </sp:Header>
          <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
          </sp:Header>
          <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
          </sp:Header>
          <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
        </sp:SignedParts>
        <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
          <sp:Body>
          </sp:Body>
          <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
          </sp:Header>
          <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
          </sp:Header>
          <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
          </sp:Header>
          <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
          </sp:Header>
        </sp:EncryptedParts>
      </wsp:All>
    </wsp:ExactlyOne>
  </wsp:Policy>
  <wsp:Policy wsu:Id="NetTcpBinding_IHelperUtilities_DoesFileExist_output_policy">

```



```

    <wsp:ExactlyOne>
      <wsp:All>
        <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
          <sp:Body>
          </sp:Body>
          <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
          </sp:Header>
          <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
          </sp:Header>
          <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
          </sp:Header>
          <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
          </sp:Header>
          <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
          </sp:Header>
          <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
          </sp:Header>
          <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
          </sp:Header>
          <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
        </sp:SignedParts>
        <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
          <sp:Body>
          </sp:Body>
          <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
          </sp:Header>
          <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
          </sp:Header>
          <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
          </sp:Header>
          <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
          </sp:Header>
        </sp:EncryptedParts>
      </wsp:All>
    </wsp:ExactlyOne>
  </wsp:Policy>
</wsdl:types>

```

```

    <xs:schema xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
      elementFormDefault="qualified"
      targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
      xmlns:xs="http://www.w3.org/2001/XMLSchema">
      <xs:element name="DoesFileExist">
        <xs:complexType>
          <xs:sequence>
            <xs:element minOccurs="0" name="pathToFile" nillable="true" type="xs:string" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="DoesFileExistResponse">
        <xs:complexType>
          <xs:sequence>
            <xs:element minOccurs="0" name="DoesFileExistResult" type="xs:boolean" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:schema>

    <xs:schema xmlns:tns="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="tns:char" />
      <xs:simpleType name="char">
        <xs:restriction base="xs:int" />
      </xs:simpleType>
      <xs:element name="duration" nillable="true" type="tns: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="tns: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:schema>

```

```

        </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>
</wsdl:types>
<wsdl:message name="IHelperUtilities_DoesFileExist_InputMessage">
    <wsdl:part name="parameters" element="tns:DoesFileExist" />
</wsdl:message>
<wsdl:message name="IHelperUtilities_DoesFileExist_OutputMessage">
    <wsdl:part name="parameters" element="tns:DoesFileExistResponse" />
</wsdl:message>
<wsdl:portType name="IHelperUtilities">
    <wsdl:operation name="DoesFileExist">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IHelperUtilities/DoesFileExist"
message="tns:IHelperUtilities_DoesFileExist_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IHelperUtilities/DoesFileExistResponse"
message="tns:IHelperUtilities_DoesFileExist_OutputMessage" />
    </wsdl:operation>
</wsdl:portType>
<wsdl:binding name="NetTcpBinding_IHelperUtilities" type="tns:IHelperUtilities">
    <wsp:PolicyReference URI="#NetTcpBinding_IHelperUtilities_policy">
    </wsp:PolicyReference>
    <soap12:binding transport="http://schemas.microsoft.com/soap/tcp" />
    <wsdl:operation name="DoesFileExist">
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IHelperUtilities/DoesFileExist"
style="document" />
        <wsdl:input>
            <wsp:PolicyReference
URI="#NetTcpBinding_IHelperUtilities_DoesFileExist_Input_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <wsp:PolicyReference
URI="#NetTcpBinding_IHelperUtilities_DoesFileExist_output_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    </wsdl:binding>
<wsdl:service name="HelperUtilitiesTS">
    <wsdl:port name="NetTcpBinding_IHelperUtilities"
binding="tns:NetTcpBinding_IHelperUtilities">
        <soap12:address location="net.tcp://localhost:13279/HelperUtilitiesTS" />
        <wsa10:EndpointReference>
            <wsa10:Address>net.tcp://localhost:13279/HelperUtilitiesTS</wsa10:Address>
            <Identity xmlns="http://schemas.xmlsoap.org/ws/2006/02/addressingidentity">
                <Upn>###USER###@###DOMAIN###</Upn>
            </Identity>
        </wsa10:EndpointReference>
    </wsdl:port>
</wsdl:service>
</wsdl:definitions>

```

6.2 LocalCacheTSWorker Web Service WSDL

```
<?xml version="1.0" encoding="utf-8"?>
<wsdl:definitions xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"
xmlns:wsa10="http://www.w3.org/2005/08/addressing"
xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd" xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/" name="LocalCacheTSWorker"
targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsp:Policy wsu:Id="NetTcpBinding_ILocalCacheWorker_policy">
    <wsp:ExactlyOne>
      <wsp:All>
        <wsrm:RMAssertion xmlns:wsrm="http://schemas.xmlsoap.org/ws/2005/02/rm/policy">
          <wsrm:InactivityTimeout Milliseconds="1800000">
            </wsrm:InactivityTimeout>
          <wsrm:AcknowledgementInterval Milliseconds="200">
            </wsrm:AcknowledgementInterval>
          </wsrm:RMAssertion>
        <sp:SymmetricBinding xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
          <wsp:Policy>
            <sp:ProtectionToken>
              <wsp:Policy>
                <sp:SecureConversationToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
                  <wsp:Policy>
                    <sp:RequireDerivedKeys>
                      </sp:RequireDerivedKeys>
                    <sp:BootstrapPolicy>
                      <wsp:Policy>
                        <sp:SignedParts>
                          <sp:Body>
                            </sp:Body>
                          <sp:Header Name="To"
Namespace="http://www.w3.org/2005/08/addressing">
                            </sp:Header>
                          <sp:Header Name="From"
Namespace="http://www.w3.org/2005/08/addressing">
                            </sp:Header>
                          <sp:Header Name="FaultTo"
Namespace="http://www.w3.org/2005/08/addressing">
                            </sp:Header>
                          <sp:Header Name="ReplyTo"
Namespace="http://www.w3.org/2005/08/addressing">
                            </sp:Header>
                          <sp:Header Name="MessageID"
Namespace="http://www.w3.org/2005/08/addressing">
                            </sp:Header>
                          <sp:Header Name="RelatesTo"
Namespace="http://www.w3.org/2005/08/addressing">
                            </sp:Header>
                          <sp:Header Name="Action"
Namespace="http://www.w3.org/2005/08/addressing">
                            </sp:Header>
                        </sp:SignedParts>
                        <sp:EncryptedParts>
                          <sp:Body>
```

```

        </sp:Body>
    </sp:EncryptedParts>
    <sp:SymmetricBinding>
        <wsp:Policy>
            <sp:ProtectionToken>
                <wsp:Policy>
                    <sp:SpnegoContextToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
                        <wsp:Policy>
                            <sp:RequireDerivedKeys>
                                </sp:RequireDerivedKeys>
                            </wsp:Policy>
                        </sp:SpnegoContextToken>
                    </wsp:Policy>
                </sp:ProtectionToken>
                <sp:AlgorithmSuite>
                    <wsp:Policy>
                        <sp:Basic256>
                            </sp:Basic256>
                        </wsp:Policy>
                    </sp:AlgorithmSuite>
                <sp:Layout>
                    <wsp:Policy>
                        <sp:Strict>
                            </sp:Strict>
                        </wsp:Policy>
                    </sp:Layout>
                <sp:IncludeTimestamp>
                    </sp:IncludeTimestamp>
                <sp:EncryptSignature>
                    </sp:EncryptSignature>
                <sp:OnlySignEntireHeadersAndBody>
                    </sp:OnlySignEntireHeadersAndBody>
                </wsp:Policy>
            </sp:SymmetricBinding>
        <sp:Wss11>
            <wsp:Policy>
                <sp:MustSupportRefKeyIdentifier>
                    </sp:MustSupportRefKeyIdentifier>
                <sp:MustSupportRefIssuerSerial>
                    </sp:MustSupportRefIssuerSerial>
                <sp:MustSupportRefThumbprint>
                    </sp:MustSupportRefThumbprint>
                <sp:MustSupportRefEncryptedKey>
                    </sp:MustSupportRefEncryptedKey>
                </wsp:Policy>
            </sp:Wss11>
        <sp:Trust10>
            <wsp:Policy>
                <sp:MustSupportIssuedTokens>
                    </sp:MustSupportIssuedTokens>
                <sp:RequireClientEntropy>
                    </sp:RequireClientEntropy>
                <sp:RequireServerEntropy>
                    </sp:RequireServerEntropy>
                </wsp:Policy>
            </sp:Trust10>
        </wsp:Policy>
    </sp:Policy>

```

```

        </sp:BootstrapPolicy>
    </wsp:Policy>
</sp:SecureConversationToken>
</wsp:Policy>
</sp:ProtectionToken>
<sp:AlgorithmSuite>
    <wsp:Policy>
        <sp:Basic256>
        </sp:Basic256>
    </wsp:Policy>
</sp:AlgorithmSuite>
<sp:Layout>
    <wsp:Policy>
        <sp:Strict>
        </sp:Strict>
    </wsp:Policy>
</sp:Layout>
<sp:IncludeTimestamp>
</sp:IncludeTimestamp>
<sp:EncryptSignature>
</sp:EncryptSignature>
<sp:OnlySignEntireHeadersAndBody>
</sp:OnlySignEntireHeadersAndBody>
</wsp:Policy>
</sp:SymmetricBinding>
<sp:Wss11 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <wsp:Policy>
        <sp:MustSupportRefKeyIdentifier>
        </sp:MustSupportRefKeyIdentifier>
        <sp:MustSupportRefIssuerSerial>
        </sp:MustSupportRefIssuerSerial>
        <sp:MustSupportRefThumbprint>
        </sp:MustSupportRefThumbprint>
        <sp:MustSupportRefEncryptedKey>
        </sp:MustSupportRefEncryptedKey>
    </wsp:Policy>
</sp:Wss11>
<sp:Trust10 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <wsp:Policy>
        <sp:MustSupportIssuedTokens>
        </sp:MustSupportIssuedTokens>
        <sp:RequireClientEntropy>
        </sp:RequireClientEntropy>
        <sp:RequireServerEntropy>
        </sp:RequireServerEntropy>
    </wsp:Policy>
</sp:Trust10>
<msb:BinaryEncoding
xmlns:msb="http://schemas.microsoft.com/ws/06/2004/mspolicy/netbinary1">
    </msb:BinaryEncoding>
<wsaw:UsingAddressing>
</wsaw:UsingAddressing>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ILocalCacheWorker_GetGroups_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">

```

```

        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
    </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ILocalCacheWorker_GetGroups_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">

```

```

        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
    </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ILocalCacheWorker_Purge_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <oletx:OleTxAssertion xmlns:oletx="http://schemas.microsoft.com/ws/2006/02/tx/oletx">

```



```

        </oletx:OleTxAssertion>
    </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ILocalCacheWorker_Purge_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>
            <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
            </sp:EncryptedParts>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>

```

```

        </sp:EncryptedParts>
    </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ILocalCacheWorker_Purge_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>
            <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
            </sp:EncryptedParts>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>

```

```

        </sp:EncryptedParts>
    </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ILocalCacheWorker_CalculateEntityCount_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>
            <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
            </sp:EncryptedParts>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>

```

```

        </sp:EncryptedParts>
    </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ILocalCacheWorker_CalculateEntityCount_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>
            <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
            </sp:EncryptedParts>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>

```

```

        </sp:EncryptedParts>
    </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ILocalCacheWorker_SwapDatabase_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <oletx:OleTxAssertion xmlns:oletx="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </oletx:OleTxAssertion>
            </wsp:All>
        </wsp:ExactlyOne>
    </wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ILocalCacheWorker_SwapDatabase_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                    </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                    </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                    </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                    </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                    </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                    </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                    </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                    </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                    </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                    </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                    </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                    </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                    </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                    </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                    </sp:Header>
            </sp:SignedParts>
            <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                    </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                    </sp:Header>
            </sp:EncryptedParts>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>

```

```

        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        </sp:EncryptedParts>
    </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ILocalCacheWorker_SwapDatabase_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>
            <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>

```

```

        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        </sp:EncryptedParts>
    </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsdl:types>
    <xs:schema
xmlns:tns="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Secur
ity.Config" elementFormDefault="qualified"
targetNamespace="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended
.Security.Config" xmlns:xs="http://www.w3.org/2001/XMLSchema">
        <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays" />
        <xs:complexType name="ConfigChangeStatus">
            <xs:sequence>
                <xs:element xmlns:q1="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="messages" nillable="true" type="q1:ArrayOfstring" />
                <xs:element minOccurs="0" name="success" type="xs:boolean" />
            </xs:sequence>
        </xs:complexType>
        <xs:element name="ConfigChangeStatus" nillable="true" type="tns:ConfigChangeStatus" />
    </xs:schema>
    <xs:schema xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
elementFormDefault="qualified"
targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
        <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays" />
        <xs:import
namespace="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Secur
ity.Config" />
        <xs:element name="GetGroups">
            <xs:complexType>
                <xs:sequence>
                    <xs:element minOccurs="0" name="userId" nillable="true" type="xs:string" />
                    <xs:element minOccurs="0" name="domainId" nillable="true" type="xs:string" />
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="GetGroupsResponse">
            <xs:complexType>
                <xs:sequence>
                    <xs:element xmlns:q1="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="GetGroupsResult" nillable="true"
type="q1:ArrayOfArrayOfKeyValueOfstringstring" />
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="Purge">
            <xs:complexType>
                <xs:sequence>
                    <xs:element minOccurs="0" name="domainId" nillable="true" type="xs:string" />
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    </xs:schema>

```

```

</xs:element>
<xs:element name="PurgeResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q2="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Config" minOccurs="0" name="PurgeResult" nillable="true" type="q2:ConfigChangeStatus" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="CalculateEntityCount">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="domainId" nillable="true" type="xs:string" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="CalculateEntityCountResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="CalculateEntityCountResult" type="xs:int" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="SwapDatabase">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="domainId" nillable="true" type="xs:string" />
      <xs:element minOccurs="0" name="databaseFileId" nillable="true" type="xs:string" />
      <xs:element minOccurs="0" name="configFileId" nillable="true" type="xs:string" />
      <xs:element minOccurs="0" name="databaseFilename" nillable="true"
type="xs:string" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="SwapDatabaseResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q3="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Config" minOccurs="0" name="SwapDatabaseResult" nillable="true"
type="q3:ConfigChangeStatus" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:schema>
<xs:schema xmlns:tns="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="ArrayOfArrayOfKeyValueOfstringstring">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded"
name="ArrayOfKeyValueOfstringstring" nillable="true" type="tns:ArrayOfKeyValueOfstringstring"
/>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ArrayOfArrayOfKeyValueOfstringstring" nillable="true"
type="tns:ArrayOfArrayOfKeyValueOfstringstring" />

```



```

<xs:complexType name="ArrayOfKeyValueOfstringstring">
  <xs:annotation>
    <xs:appinfo>
      <IsDictionary
xmlns="http://schemas.microsoft.com/2003/10/Serialization/">true</IsDictionary>
    </xs:appinfo>
  </xs:annotation>
  <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="tns:ArrayOfKeyValueOfstringstring" />
<xs:complexType name="ArrayOfstring">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="string" nillable="true"
type="xs:string" />
  </xs:sequence>
</xs:complexType>
<xs:element name="ArrayOfstring" nillable="true" type="tns:ArrayOfstring" />
</xs:schema>
<xs:schema xmlns:tns="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="tns:char" />
  <xs:simpleType name="char">
    <xs:restriction base="xs:int" />
  </xs:simpleType>
  <xs:element name="duration" nillable="true" type="tns: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:restriction>
  </xs:simpleType>

```

```

        <xs:maxInclusive value="P10675199DT2H48M5.4775807S" />
    </xs:restriction>
</xs:simpleType>
<xs:element name="guid" nillable="true" type="tns: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>
</wsdl:types>
<wsdl:message name="ILocalCacheWorker_GetGroups_InputMessage">
    <wsdl:part name="parameters" element="tns:GetGroups" />
</wsdl:message>
<wsdl:message name="ILocalCacheWorker_GetGroups_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetGroupsResponse" />
</wsdl:message>
<wsdl:message name="ILocalCacheWorker_Purge_InputMessage">
    <wsdl:part name="parameters" element="tns:Purge" />
</wsdl:message>
<wsdl:message name="ILocalCacheWorker_Purge_OutputMessage">
    <wsdl:part name="parameters" element="tns:PurgeResponse" />
</wsdl:message>
<wsdl:message name="ILocalCacheWorker_CalculateEntityCount_InputMessage">
    <wsdl:part name="parameters" element="tns:CalculateEntityCount" />
</wsdl:message>
<wsdl:message name="ILocalCacheWorker_CalculateEntityCount_OutputMessage">
    <wsdl:part name="parameters" element="tns:CalculateEntityCountResponse" />
</wsdl:message>
<wsdl:message name="ILocalCacheWorker_SwapDatabase_InputMessage">
    <wsdl:part name="parameters" element="tns:SwapDatabase" />
</wsdl:message>
<wsdl:message name="ILocalCacheWorker_SwapDatabase_OutputMessage">
    <wsdl:part name="parameters" element="tns:SwapDatabaseResponse" />
</wsdl:message>
<wsdl:portType msc:usingSession="true" name="ILocalCacheWorker">
    <wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="GetGroups">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/GetGroups
" message="tns:ILocalCacheWorker_GetGroups_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/GetGroups
Response" message="tns:ILocalCacheWorker_GetGroups_OutputMessage" />
    </wsdl:operation>
    <wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="Purge">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/Purge
message="tns:ILocalCacheWorker_Purge_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/PurgeResp
onse" message="tns:ILocalCacheWorker_Purge_OutputMessage" />
    </wsdl:operation>
    <wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="CalculateEntityCount">

```

```

        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/Calculate
EntityCount" message="tns:ILocalCacheWorker_CalculateEntityCount_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/Calculate
EntityCountResponse" message="tns:ILocalCacheWorker_CalculateEntityCount_OutputMessage" />
    </wsdl:operation>
    <wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="SwapDatabase">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/SwapDatab
ase" message="tns:ILocalCacheWorker_SwapDatabase_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/SwapDatab
aseResponse" message="tns:ILocalCacheWorker_SwapDatabase_OutputMessage" />
    </wsdl:operation>
</wsdl:portType>
<wsdl:binding name="NetTcpBinding_ILocalCacheWorker" type="tns:ILocalCacheWorker">
    <wsp:PolicyReference URI="#NetTcpBinding_ILocalCacheWorker_policy">
    </wsp:PolicyReference>
    <soap12:binding transport="http://schemas.microsoft.com/soap/tcp" />
    <wsdl:operation name="GetGroups">
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/GetGroups"
style="document" />
        <wsdl:input>
            <wsp:PolicyReference URI="#NetTcpBinding_ILocalCacheWorker_GetGroups_Input_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <wsp:PolicyReference URI="#NetTcpBinding_ILocalCacheWorker_GetGroups_output_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="Purge">
        <wsp:PolicyReference URI="#NetTcpBinding_ILocalCacheWorker_Purge_policy">
        </wsp:PolicyReference>
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/Purge"
style="document" />
        <wsdl:input>
            <wsp:PolicyReference URI="#NetTcpBinding_ILocalCacheWorker_Purge_Input_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <wsp:PolicyReference URI="#NetTcpBinding_ILocalCacheWorker_Purge_output_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="CalculateEntityCount">
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/CalculateE
ntityCount" style="document" />
        <wsdl:input>
            <wsp:PolicyReference
URI="#NetTcpBinding_ILocalCacheWorker_CalculateEntityCount_Input_policy">
            </wsp:PolicyReference>

```

```

        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <wsp:PolicyReference
URI="#NetTcpBinding_ILocalCacheWorker_CalculateEntityCount_output_policy">
        </wsp:PolicyReference>
        <soap12:body use="literal" />
    </wsdl:output>
</wsdl:operation>
<wsdl:operation name="SwapDatabase">
    <wsp:PolicyReference URI="#NetTcpBinding_ILocalCacheWorker_SwapDatabase_policy">
    </wsp:PolicyReference>
    <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/ILocalCacheWorker/SwapDataba
se" style="document" />
    <wsdl:input>
        <wsp:PolicyReference
URI="#NetTcpBinding_ILocalCacheWorker_SwapDatabase_Input_policy">
        </wsp:PolicyReference>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <wsp:PolicyReference
URI="#NetTcpBinding_ILocalCacheWorker_SwapDatabase_output_policy">
        </wsp:PolicyReference>
        <soap12:body use="literal" />
    </wsdl:output>
</wsdl:operation>
</wsdl:binding>
<wsdl:service name="LocalCacheTSWorker">
    <wsdl:port name="NetTcpBinding_ILocalCacheWorker"
binding="tns:NetTcpBinding_ILocalCacheWorker">
        <soap12:address location="net.tcp://localhost:13279/LocalCacheTSWorker" />
        <wsa10:EndpointReference>
            <wsa10:Address>net.tcp://localhost:13279/LocalCacheTSWorker</wsa10:Address>
            <Identity xmlns="http://schemas.xmlsoap.org/ws/2006/02/addressingidentity">
                <Upn>###USER###@###DOMAIN###</Upn>
            </Identity>
        </wsa10:EndpointReference>
    </wsdl:port>
</wsdl:service>
</wsdl:definitions>

```

6.3 SAMCoreTS Web Service WSDL

```

<?xml version="1.0" encoding="utf-8"?>
<wsdl:definitions xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"
xmlns:wsa10="http://www.w3.org/2005/08/addressing"
xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd" xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/" name="SAMCoreTS"
targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
    <wsp:Policy wsu:Id="NetTcpBinding_ISAMCoreWorker_policy">
        <wsp:ExactlyOne>
            <wsp:All>

```

```

    <wsrm:RMAssertion xmlns:wsrm="http://schemas.xmlsoap.org/ws/2005/02/rm/policy">
      <wsrm:InactivityTimeout Milliseconds="1800000">
        </wsrm:InactivityTimeout>
      <wsrm:AcknowledgementInterval Milliseconds="200">
        </wsrm:AcknowledgementInterval>
      </wsrm:RMAssertion>
    <sp:SymmetricBinding xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
      <wsp:Policy>
        <sp:ProtectionToken>
          <wsp:Policy>
            <sp:SecureConversationToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
              <wsp:Policy>
                <sp:RequireDerivedKeys>
                  </sp:RequireDerivedKeys>
                <sp:BootstrapPolicy>
                  <wsp:Policy>
                    <sp:SignedParts>
                      <sp:Body>
                        </sp:Body>
                      <sp:Header Name="To"
Namespace="http://www.w3.org/2005/08/addressing">
                        </sp:Header>
                      <sp:Header Name="From"
Namespace="http://www.w3.org/2005/08/addressing">
                        </sp:Header>
                      <sp:Header Name="FaultTo"
Namespace="http://www.w3.org/2005/08/addressing">
                        </sp:Header>
                      <sp:Header Name="ReplyTo"
Namespace="http://www.w3.org/2005/08/addressing">
                        </sp:Header>
                      <sp:Header Name="MessageID"
Namespace="http://www.w3.org/2005/08/addressing">
                        </sp:Header>
                      <sp:Header Name="RelatesTo"
Namespace="http://www.w3.org/2005/08/addressing">
                        </sp:Header>
                      <sp:Header Name="Action"
Namespace="http://www.w3.org/2005/08/addressing">
                        </sp:Header>
                      </sp:SignedParts>
                    <sp:EncryptedParts>
                      <sp:Body>
                        </sp:Body>
                      </sp:EncryptedParts>
                    <sp:SymmetricBinding>
                      <wsp:Policy>
                        <sp:ProtectionToken>
                          <wsp:Policy>
                            <sp:SpnegoContextToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
                              <wsp:Policy>
                                <sp:RequireDerivedKeys>
                                  </sp:RequireDerivedKeys>
                                </wsp:Policy>
                              </sp:SpnegoContextToken>
                            </wsp:Policy>
                          </sp:SymmetricBinding>
                        </wsp:Policy>
                      </sp:EncryptedParts>
                    </sp:SymmetricBinding>
                  </wsp:Policy>
                </sp:BootstrapPolicy>
              </wsp:Policy>
            </sp:SecureConversationToken>
          </wsp:Policy>
        </sp:ProtectionToken>
      </wsp:Policy>
    </sp:SymmetricBinding>
  </wsp:Policy>

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        </sp:ProtectionToken>
        <sp:AlgorithmSuite>
            <wsp:Policy>
                <sp:Basic256>
                </sp:Basic256>
            </wsp:Policy>
        </sp:AlgorithmSuite>
        <sp:Layout>
            <wsp:Policy>
                <sp:Strict>
                </sp:Strict>
            </wsp:Policy>
        </sp:Layout>
        <sp:IncludeTimestamp>
        </sp:IncludeTimestamp>
        <sp:EncryptSignature>
        </sp:EncryptSignature>
        <sp:OnlySignEntireHeadersAndBody>
        </sp:OnlySignEntireHeadersAndBody>
    </wsp:Policy>
</sp:SymmetricBinding>
<sp:Wss11>
    <wsp:Policy>
        <sp:MustSupportRefKeyIdentifier>
        </sp:MustSupportRefKeyIdentifier>
        <sp:MustSupportRefIssuerSerial>
        </sp:MustSupportRefIssuerSerial>
        <sp:MustSupportRefThumbprint>
        </sp:MustSupportRefThumbprint>
        <sp:MustSupportRefEncryptedKey>
        </sp:MustSupportRefEncryptedKey>
    </wsp:Policy>
</sp:Wss11>
<sp:Trust10>
    <wsp:Policy>
        <sp:MustSupportIssuedTokens>
        </sp:MustSupportIssuedTokens>
        <sp:RequireClientEntropy>
        </sp:RequireClientEntropy>
        <sp:RequireServerEntropy>
        </sp:RequireServerEntropy>
    </wsp:Policy>
</sp:Trust10>
</wsp:Policy>
</sp:BootstrapPolicy>
</wsp:Policy>
</sp:SecureConversationToken>
</wsp:Policy>
</sp:ProtectionToken>
<sp:AlgorithmSuite>
    <wsp:Policy>
        <sp:Basic256>
        </sp:Basic256>
    </wsp:Policy>
</sp:AlgorithmSuite>
<sp:Layout>
    <wsp:Policy>
        <sp:Strict>
        </sp:Strict>
    </wsp:Policy>

```

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        </wsp:Policy>
    </sp:Layout>
    <sp:IncludeTimestamp>
    </sp:IncludeTimestamp>
    <sp:EncryptSignature>
    </sp:EncryptSignature>
    <sp:OnlySignEntireHeadersAndBody>
    </sp:OnlySignEntireHeadersAndBody>
    </wsp:Policy>
</sp:SymmetricBinding>
<sp:Wss11 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <wsp:Policy>
        <sp:MustSupportRefKeyIdentifier>
        </sp:MustSupportRefKeyIdentifier>
        <sp:MustSupportRefIssuerSerial>
        </sp:MustSupportRefIssuerSerial>
        <sp:MustSupportRefThumbprint>
        </sp:MustSupportRefThumbprint>
        <sp:MustSupportRefEncryptedKey>
        </sp:MustSupportRefEncryptedKey>
    </wsp:Policy>
</sp:Wss11>
<sp:Trust10 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <wsp:Policy>
        <sp:MustSupportIssuedTokens>
        </sp:MustSupportIssuedTokens>
        <sp:RequireClientEntropy>
        </sp:RequireClientEntropy>
        <sp:RequireServerEntropy>
        </sp:RequireServerEntropy>
    </wsp:Policy>
</sp:Trust10>
    <msb:BinaryEncoding
xmlns:msb="http://schemas.microsoft.com/ws/06/2004/mspolicy/netbinary1">
    </msb:BinaryEncoding>
    <wsaw:UsingAddressing>
    </wsaw:UsingAddressing>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ISAMCoreWorker_GetUserSecurityFilter_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">

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```

        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ISAMCoreWorker_GetUserSecurityFilter_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">

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        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ISAMCoreWorker_FilterResult_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">

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        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ISAMCoreWorker_FilterResult_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">

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        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ISAMCoreWorker_GetPermissions_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">

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        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ISAMCoreWorker_GetPermissions_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">

```

```

        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsdl:types>
    <xs:schema xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
elementFormDefault="qualified"
targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
        <xs:element name="GetUserSecurityFilter">
            <xs:complexType>
                <xs:sequence>
                    <xs:element minOccurs="0" name="domainId" nillable="true" type="xs:string" />
                    <xs:element minOccurs="0" name="principalId" nillable="true" type="xs:string" />
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="GetUserSecurityFilterResponse">
            <xs:complexType>
                <xs:sequence>
                    <xs:element minOccurs="0" name="GetUserSecurityFilterResult" nillable="true"
type="xs:string" />
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    </xs:schema>

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```

    </xs:complexType>
  </xs:element>
  <xs:element name="FilterResult">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="0" name="domainId" nillable="true" type="xs:string" />
        <xs:element minOccurs="0" name="principalId" nillable="true" type="xs:string" />
        <xs:element minOccurs="0" name="documentUrl" nillable="true" type="xs:string" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="FilterResultResponse">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="0" name="FilterResultResult" type="xs:boolean" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="GetPermissions">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="0" name="domainId" nillable="true" type="xs:string" />
        <xs:element minOccurs="0" name="documentUrl" nillable="true" type="xs:string" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="GetPermissionsResponse">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="0" name="GetPermissionsResult" nillable="true"
type="xs:string" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
<xs:schema xmlns:tns="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="tns:char" />
  <xs:simpleType name="char">

```

```

        <xs:restriction base="xs:int" />
    </xs:simpleType>
    <xs:element name="duration" nillable="true" type="tns: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="tns: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>
</wsdl:types>
<wsdl:message name="ISAMCoreWorker_GetUserSecurityFilter_InputMessage">
    <wsdl:part name="parameters" element="tns:GetUserSecurityFilter" />
</wsdl:message>
<wsdl:message name="ISAMCoreWorker_GetUserSecurityFilter_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetUserSecurityFilterResponse" />
</wsdl:message>
<wsdl:message name="ISAMCoreWorker_FilterResult_InputMessage">
    <wsdl:part name="parameters" element="tns:FilterResult" />
</wsdl:message>
<wsdl:message name="ISAMCoreWorker_FilterResult_OutputMessage">
    <wsdl:part name="parameters" element="tns:FilterResultResponse" />
</wsdl:message>
<wsdl:message name="ISAMCoreWorker_GetPermissions_InputMessage">
    <wsdl:part name="parameters" element="tns:GetPermissions" />
</wsdl:message>
<wsdl:message name="ISAMCoreWorker_GetPermissions_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetPermissionsResponse" />
</wsdl:message>
<wsdl:portType msc:usingSession="true" name="ISAMCoreWorker">
    <wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="GetUserSecurityFilter">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/GetUserSecurityFilter" message="tns:ISAMCoreWorker_GetUserSecurityFilter_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/GetUserSecurityFilterResponse" message="tns:ISAMCoreWorker_GetUserSecurityFilter_OutputMessage" />
    </wsdl:operation>
    <wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="FilterResult">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/FilterResult" message="tns:ISAMCoreWorker_FilterResult_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/FilterResultResponse" message="tns:ISAMCoreWorker_FilterResult_OutputMessage" />
    </wsdl:operation>
    <wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="GetPermissions">

```

```

        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/GetPermissions"
message="tns:ISAMCoreWorker_GetPermissions_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/GetPermissionsResponse"
message="tns:ISAMCoreWorker_GetPermissions_OutputMessage" />
        </wsdl:operation>
    </wsdl:portType>
    <wsdl:binding name="NetTcpBinding_ISAMCoreWorker" type="tns:ISAMCoreWorker">
        <wsp:PolicyReference URI="#NetTcpBinding_ISAMCoreWorker_policy">
        </wsp:PolicyReference>
        <soap12:binding transport="http://schemas.microsoft.com/soap/tcp" />
        <wsdl:operation name="GetUserSecurityFilter">
            <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/GetUserSecurityFilter"
style="document" />
            <wsdl:input>
                <wsp:PolicyReference
URI="#NetTcpBinding_ISAMCoreWorker_GetUserSecurityFilter_Input_policy">
                </wsp:PolicyReference>
                <soap12:body use="literal" />
            </wsdl:input>
            <wsdl:output>
                <wsp:PolicyReference
URI="#NetTcpBinding_ISAMCoreWorker_GetUserSecurityFilter_output_policy">
                </wsp:PolicyReference>
                <soap12:body use="literal" />
            </wsdl:output>
        </wsdl:operation>
        <wsdl:operation name="FilterResult">
            <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/FilterResult"
style="document" />
            <wsdl:input>
                <wsp:PolicyReference URI="#NetTcpBinding_ISAMCoreWorker_FilterResult_Input_policy">
                </wsp:PolicyReference>
                <soap12:body use="literal" />
            </wsdl:input>
            <wsdl:output>
                <wsp:PolicyReference URI="#NetTcpBinding_ISAMCoreWorker_FilterResult_output_policy">
                </wsp:PolicyReference>
                <soap12:body use="literal" />
            </wsdl:output>
        </wsdl:operation>
        <wsdl:operation name="GetPermissions">
            <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/ISAMCoreWorker/GetPermissions"
style="document" />
            <wsdl:input>
                <wsp:PolicyReference URI="#NetTcpBinding_ISAMCoreWorker_GetPermissions_Input_policy">
                </wsp:PolicyReference>
                <soap12:body use="literal" />
            </wsdl:input>
            <wsdl:output>
                <wsp:PolicyReference
URI="#NetTcpBinding_ISAMCoreWorker_GetPermissions_output_policy">
                </wsp:PolicyReference>
                <soap12:body use="literal" />
            </wsdl:output>
        </wsdl:operation>
    </wsdl:binding>

```



```

</wsdl:binding>
<wsdl:service name="SAMCoreTS">
  <wsdl:port name="NetTcpBinding_ISAMCoreWorker"
binding="tns:NetTcpBinding_ISAMCoreWorker">
    <soap12:address location="net.tcp://localhost:13279/SAMCoreTS" />
    <wsa10:EndpointReference>
      <wsa10:Address>net.tcp://localhost:13279/SAMCoreTS</wsa10:Address>
      <Identity xmlns="http://schemas.xmlsoap.org/ws/2006/02/addressingidentity">
        <Upn>###USER###@###DOMAIN###</Upn>
      </Identity>
    </wsa10:EndpointReference>
  </wsdl:port>
</wsdl:service>
</wsdl:definitions>

```

6.4 SystemManagerService Web Service WSDL

```

<?xml version="1.0" encoding="utf-8"?>
<wsdl:definitions xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"
xmlns:wsa10="http://www.w3.org/2005/08/addressing"
xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd" xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy"
xmlns:msec="http://schemas.microsoft.com/ws/2005/12/wsdl/contract"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/" name="SystemManagerService"
targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsp:Policy wsu:Id="NetTcpBinding_IInterProcessServiceManager_policy">
    <wsp:ExactlyOne>
      <wsp:All>
        <wsrm:RMAssertion xmlns:wsrm="http://schemas.xmlsoap.org/ws/2005/02/rm/policy">
          <wsrm:InactivityTimeout Milliseconds="1800000">
            </wsrm:InactivityTimeout>
          <wsrm:AcknowledgementInterval Milliseconds="200">
            </wsrm:AcknowledgementInterval>
          </wsrm:RMAssertion>
        <sp:SymmetricBinding xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
          <wsp:Policy>
            <sp:ProtectionToken>
              <wsp:Policy>
                <sp:SecureConversationToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
                  <wsp:Policy>
                    <sp:RequireDerivedKeys>
                      </sp:RequireDerivedKeys>
                    <sp:BootstrapPolicy>
                      <wsp:Policy>
                        <sp:SignedParts>
                          <sp:Body>
                            </sp:Body>
                          <sp:Header Name="To">
                            </sp:Header>
                          <sp:Header Name="From">
                            </sp:Header>
                        </sp:SignedParts>
                      </wsp:Policy>
                    </sp:BootstrapPolicy>
                  </wsp:Policy>
                </sp:ProtectionToken>
              </wsp:Policy>
            </sp:SymmetricBinding>
          </wsp:ExactlyOne>
        </wsp:Policy>
      </wsp:All>
    </wsp:ExactlyOne>
  </wsp:Policy>

```

```

        <sp:Header Name="FaultTo"
Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo"
Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID"
Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo"
Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action"
Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts>
    <sp:Body>
    </sp:Body>
    </sp:EncryptedParts>
    <sp:SymmetricBinding>
    <wsp:Policy>
    <sp:ProtectionToken>
    <wsp:Policy>
    <sp:SpnegoContextToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
    <wsp:Policy>
    <sp:RequireDerivedKeys>
    </sp:RequireDerivedKeys>
    </wsp:Policy>
    </sp:SpnegoContextToken>
    </wsp:Policy>
    </sp:ProtectionToken>
    <sp:AlgorithmSuite>
    <wsp:Policy>
    <sp:Basic256>
    </sp:Basic256>
    </wsp:Policy>
    </sp:AlgorithmSuite>
    <sp:Layout>
    <wsp:Policy>
    <sp:Strict>
    </sp:Strict>
    </wsp:Policy>
    </sp:Layout>
    <sp:IncludeTimestamp>
    </sp:IncludeTimestamp>
    <sp:EncryptSignature>
    </sp:EncryptSignature>
    <sp:OnlySignEntireHeadersAndBody>
    </sp:OnlySignEntireHeadersAndBody>
    </wsp:Policy>
    </sp:SymmetricBinding>
    <sp:Wss11>
    <wsp:Policy>
    <sp:MustSupportRefKeyIdentifier>
    </sp:MustSupportRefKeyIdentifier>
    <sp:MustSupportRefIssuerSerial>

```

```

        </sp:MustSupportRefIssuerSerial>
        <sp:MustSupportRefThumbprint>
        </sp:MustSupportRefThumbprint>
        <sp:MustSupportRefEncryptedKey>
        </sp:MustSupportRefEncryptedKey>
    </wsp:Policy>
</sp:Wss11>
<sp:Trust10>
    <wsp:Policy>
        <sp:MustSupportIssuedTokens>
        </sp:MustSupportIssuedTokens>
        <sp:RequireClientEntropy>
        </sp:RequireClientEntropy>
        <sp:RequireServerEntropy>
        </sp:RequireServerEntropy>
    </wsp:Policy>
</sp:Trust10>
</wsp:Policy>
</sp:BootstrapPolicy>
</wsp:Policy>
</sp:SecureConversationToken>
</wsp:Policy>
</sp:ProtectionToken>
<sp:AlgorithmSuite>
    <wsp:Policy>
        <sp:Basic256>
        </sp:Basic256>
    </wsp:Policy>
</sp:AlgorithmSuite>
<sp:Layout>
    <wsp:Policy>
        <sp:Strict>
        </sp:Strict>
    </wsp:Policy>
</sp:Layout>
<sp:IncludeTimestamp>
</sp:IncludeTimestamp>
<sp:EncryptSignature>
</sp:EncryptSignature>
<sp:OnlySignEntireHeadersAndBody>
</sp:OnlySignEntireHeadersAndBody>
</wsp:Policy>
</sp:SymmetricBinding>
<sp:Wss11 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <wsp:Policy>
        <sp:MustSupportRefKeyIdentifier>
        </sp:MustSupportRefKeyIdentifier>
        <sp:MustSupportRefIssuerSerial>
        </sp:MustSupportRefIssuerSerial>
        <sp:MustSupportRefThumbprint>
        </sp:MustSupportRefThumbprint>
        <sp:MustSupportRefEncryptedKey>
        </sp:MustSupportRefEncryptedKey>
    </wsp:Policy>
</sp:Wss11>
<sp:Trust10 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <wsp:Policy>
        <sp:MustSupportIssuedTokens>
        </sp:MustSupportIssuedTokens>
    </wsp:Policy>

```

```

        <sp:RequireClientEntropy>
        </sp:RequireClientEntropy>
        <sp:RequireServerEntropy>
        </sp:RequireServerEntropy>
    </wsp:Policy>
</sp:Trust10>
    <msb:BinaryEncoding
xmlns:msb="http://schemas.microsoft.com/ws/06/2004/mspolicy/netbinary1">
    </msb:BinaryEncoding>
    <wsaw:UsingAddressing>
    </wsaw:UsingAddressing>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_GetPrimaryUserStoreId_Input_policy">
    <wsp:ExactlyOne>
    <wsp:All>
        <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
            <sp:Body>
            </sp:Body>
            <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
            </sp:Header>
            <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
            </sp:Header>
            <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
            </sp:Header>
            <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
            </sp:Header>
            <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
            </sp:Header>
            <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
            </sp:Header>
            <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
            </sp:Header>
            <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
            </sp:Header>
            <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
            </sp:Header>
            <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
            </sp:Header>
            <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
            </sp:Header>
            <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
            </sp:Header>
            <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
            </sp:Header>
            <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
            </sp:Header>
        </sp:SignedParts>
        <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
            <sp:Body>
            </sp:Body>
        </sp:EncryptedParts>
    </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>
</wsp:Policy>

```

```

        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_GetPrimaryUserStoreId_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>
            <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>

```

```

        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        </sp:EncryptedParts>
    </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_GetFQLPublicFilter_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>
            <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">

```

```

        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        </sp:EncryptedParts>
    </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_GetFQLPublicFilter_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>

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    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
      <sp:Body>
      </sp:Body>
      <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
      </sp:Header>
      <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
      </sp:Header>
      <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
      </sp:Header>
      <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
      </sp:Header>
    </sp:EncryptedParts>
  </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_DoesUserStoreExist_Input_policy">
  <wsp:ExactlyOne>
    <wsp:All>
      <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>

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        </sp:SignedParts>
        <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
            <sp:Body>
            </sp:Body>
            <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
            </sp:Header>
            <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
            </sp:Header>
            <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
            </sp:Header>
            <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
            </sp:Header>
        </sp:EncryptedParts>
    </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_DoesUserStoreExist_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">

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        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdateUserStore_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <oletx:OleTxAssertion xmlns:oletx="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
            </oletx:OleTxAssertion>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdateUserStore_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>

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        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
    </wsp:All>
    </wsp:ExactlyOne>
    </wsp:Policy>
    <wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdateUserStore_output_policy">
        <wsp:ExactlyOne>
            <wsp:All>
                <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                    <sp:Body>
                    </sp:Body>
                    <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                    </sp:Header>
                    <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                    </sp:Header>
                    <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                    </sp:Header>
                    <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                    </sp:Header>
                    <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                    </sp:Header>
                    <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                    </sp:Header>
                    <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                    </sp:Header>
                    <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                    </sp:Header>
                    <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">

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        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_IInterProcessServiceManager_RemoveUserStore_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <oletx:OleTxAssertion xmlns:oletx="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
            </oletx:OleTxAssertion>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_RemoveUserStore_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
            </sp:SignedParts>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>

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        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <sp:Body>
    </sp:Body>
    <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
    </sp:Header>
    <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
    </sp:Header>
    <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
    </sp:Header>
    <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
    </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_RemoveUserStore_output_policy">
    <wsp:ExactlyOne>
    <wsp:All>
        <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">

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        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_DoesPrincipalAliaserExist_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
            </sp:SignedParts>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>

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        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_DoesPrincipalAliaserExist_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">

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        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdatePrincipalAliaser_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <oletx:OleTxAssertion xmlns:oletx="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
            </oletx:OleTxAssertion>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdatePrincipalAliaser_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
            </sp:SignedParts>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>

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        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdatePrincipalAliaser_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>

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        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_RemovePrincipalAliaser_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <oletx:OleTxAssertion xmlns:oletx="http://schemas.microsoft.com/ws/2006/02/tx/oletx">

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        </oletx:OleTxAssertion>
    </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_RemovePrincipalAliaser_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>
            <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">

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        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_RemovePrincipalAliaser_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>
            <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
            </sp:EncryptedParts>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>

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        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdateESPServerConfig_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <oletx:OleTxAssertion xmlns:oletx="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </oletx:OleTxAssertion>
            </wsp:All>
        </wsp:ExactlyOne>
    </wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdateESPServerConfig_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>
            <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>

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        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        </sp:EncryptedParts>
    </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdateESPServerConfig_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>
            <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">

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```

        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        </sp:EncryptedParts>
    </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdatePrimaryUserStore_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <oletx:OleTxAssertion xmlns:oletx="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
            </oletx:OleTxAssertion>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdatePrimaryUserStore_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>

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        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
    </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdatePrimaryUserStore_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">

```



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        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdateFQLPublicFilter_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <oletx:OleTxAssertion xmlns:oletx="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
            </oletx:OleTxAssertion>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdateFQLPublicFilter_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
            </sp:SignedParts>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>

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        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <sp:Body>
    </sp:Body>
    <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
    </sp:Header>
    <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
    </sp:Header>
    <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
    </sp:Header>
    <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
    </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdateFQLPublicFilter_output_policy">
    <wsp:ExactlyOne>
    <wsp:All>
        <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">

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        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdateLogLevels_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <oletx:OleTxAssertion xmlns:oletx="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </oletx:OleTxAssertion>
            </wsp:All>
        </wsp:ExactlyOne>
    </wsp:Policy>
    <wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdateLogLevels_Input_policy">
        <wsp:ExactlyOne>
            <wsp:All>
                <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                    <sp:Body>
                    </sp:Body>
                    <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                    </sp:Header>

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        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <sp:Body>
    </sp:Body>
    <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
    </sp:Header>
    <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
    </sp:Header>
    <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
    </sp:Header>
    <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
    </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_UpdateLogLevels_output_policy">
    <wsp:ExactlyOne>
    <wsp:All>
        <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
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        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">

```

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        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
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        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
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tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_IInterProcessServiceManager_LogInfo_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">

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        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
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tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_IInterProcessServiceManager_LogInfo_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">

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        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
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        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_SetSystemUpToDate_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
            </sp:SignedParts>

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        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
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        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
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        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_SetSystemUpToDate_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>

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        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_IsSystemUpToDate_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">

```

```

        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_IInterProcessServiceManager_IsSystemUpToDate_output_policy">
    <wsp:ExactlyOne>
    <wsp:All>

```

```

    <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
      <sp:Body>
      </sp:Body>
      <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
      </sp:Header>
      <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
      </sp:Header>
      <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
      </sp:Header>
      <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
      </sp:Header>
      <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
      </sp:Header>
      <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
      </sp:Header>
      <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
      </sp:Header>
      <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
      </sp:Header>
      <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
      </sp:Header>
      <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
      </sp:Header>
      <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
      </sp:Header>
      <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
      </sp:Header>
      <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
      </sp:Header>
      <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
      </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
      <sp:Body>
      </sp:Body>
      <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
      </sp:Header>
      <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
      </sp:Header>
      <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
      </sp:Header>
      <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
      </sp:Header>
    </sp:EncryptedParts>
  </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsdl:types>
  <xs:schema
xmlns:tns="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Secur

```

```

ity.Base.ExternalResources" elementFormDefault="qualified"
targetNamespace="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended
.Security.Base.ExternalResources" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:complexType name="ArrayOfNamedExternalResource">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" name="NamedExternalResource"
nillable="true" type="tns:NamedExternalResource" />
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ArrayOfNamedExternalResource" nillable="true"
type="tns:ArrayOfNamedExternalResource" />
  <xs:complexType name="NamedExternalResource">
    <xs:sequence>
      <xs:element minOccurs="0" name="Name" nillable="true" type="xs:string" />
    </xs:sequence>
  </xs:complexType>
  <xs:element name="NamedExternalResource" nillable="true"
type="tns:NamedExternalResource" />
  <xs:complexType name="NamedExternalFileResource">
    <xs:complexContent mixed="false">
      <xs:extension base="tns:NamedExternalResource">
        <xs:sequence>
          <xs:element minOccurs="0" name="Filename" nillable="true" type="xs:string" />
          <xs:element minOccurs="0" name="IsOnLargeStorage" type="xs:boolean" />
          <xs:element minOccurs="0" name="TransferredFileId" nillable="true"
type="xs:string" />
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
  <xs:element name="NamedExternalFileResource" nillable="true"
type="tns:NamedExternalFileResource" />
</xs:schema>
<xs:schema
xmlns:tns="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Secur
ity.Config" elementFormDefault="qualified"
targetNamespace="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended
.Security.Config" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays" />
  <xs:complexType name="ConfigChangeStatus">
    <xs:sequence>
      <xs:element xmlns:q1="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="messages" nillable="true" type="q1:ArrayOfstring" />
      <xs:element minOccurs="0" name="success" type="xs:boolean" />
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ConfigChangeStatus" nillable="true" type="tns:ConfigChangeStatus" />
</xs:schema>
<xs:schema xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
elementFormDefault="qualified"
targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:import
namespace="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Secur
ity.Base.ExternalResources" />
  <xs:import
namespace="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Secur
ity.Config" />
  <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays" />
  <xs:element name="GetPrimaryUserStoreId">
    <xs:complexType>

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        <xs:sequence />
    </xs:complexType>
</xs:element>
<xs:element name="GetPrimaryUserStoreIdResponse">
    <xs:complexType>
        <xs:sequence>
            <xs:element minOccurs="0" name="GetPrimaryUserStoreIdResult" nillable="true"
type="xs:string" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="GetFQLPublicFilter">
    <xs:complexType>
        <xs:sequence />
    </xs:complexType>
</xs:element>
<xs:element name="GetFQLPublicFilterResponse">
    <xs:complexType>
        <xs:sequence>
            <xs:element minOccurs="0" name="GetFQLPublicFilterResult" nillable="true"
type="xs:string" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="DoesUserStoreExist">
    <xs:complexType>
        <xs:sequence>
            <xs:element minOccurs="0" name="userStoreId" nillable="true" type="xs:string" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="DoesUserStoreExistResponse">
    <xs:complexType>
        <xs:sequence>
            <xs:element minOccurs="0" name="DoesUserStoreExistResult" type="xs:boolean" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="UpdateUserStore">
    <xs:complexType>
        <xs:sequence>
            <xs:element minOccurs="0" name="userStoreId" nillable="true" type="xs:string" />
            <xs:element minOccurs="0" name="update" type="xs:boolean" />
            <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Base.ExternalResources" minOccurs="0" name="externalResources" nillable="true"
type="q1:ArrayOfNamedExternalResource" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="UpdateUserStoreResponse">
    <xs:complexType>
        <xs:sequence>
            <xs:element
xmlns:q2="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Config" minOccurs="0" name="UpdateUserStoreResult" nillable="true"
type="q2:ConfigChangeStatus" />
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

<xs:element name="RemoveUserStore">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="userStoreId" nillable="true" type="xs:string" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="RemoveUserStoreResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q3="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Config" minOccurs="0" name="RemoveUserStoreResult" nillable="true"
type="q3:ConfigChangeStatus" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="DoesPrincipalAliaserExist">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="principalAliaserId" nillable="true"
type="xs:string" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="DoesPrincipalAliaserExistResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="DoesPrincipalAliaserExistResult"
type="xs:boolean" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="UpdatePrincipalAliaser">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="principalAliaserId" nillable="true"
type="xs:string" />
      <xs:element minOccurs="0" name="update" type="xs:boolean" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="UpdatePrincipalAliaserResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q4="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Base.ExternalResources" minOccurs="0" name="externalResources" nillable="true"
type="q4:ArrayOfNamedExternalResource" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="UpdatePrincipalAliaserResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q5="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Config" minOccurs="0" name="UpdatePrincipalAliaserResult" nillable="true"
type="q5:ConfigChangeStatus" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="RemovePrincipalAliaser">
  <xs:complexType>
    <xs:sequence>

```

```

        <xs:element minOccurs="0" name="principalAliaserId" nillable="true"
type="xs:string" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="RemovePrincipalAliaserResponse">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="0" name="RemovePrincipalAliaserResult" type="xs:boolean"
/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="UpdateESPServerConfig">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="0" name="port" type="xs:int" />
        <xs:element minOccurs="0" name="certificateName" nillable="true" type="xs:string"
/>
        <xs:element minOccurs="0" name="storeName" nillable="true" type="xs:string" />
        <xs:element minOccurs="0" name="storeLocation" nillable="true" type="xs:string"
/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="UpdateESPServerConfigResponse">
    <xs:complexType>
      <xs:sequence>
        <xs:element
xmlns:q6="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Config" minOccurs="0" name="UpdateESPServerConfigResult" nillable="true"
type="q6:ConfigChangeStatus" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="UpdatePrimaryUserStore">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="0" name="userStoreId" nillable="true" type="xs:string" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="UpdatePrimaryUserStoreResponse">
    <xs:complexType>
      <xs:sequence>
        <xs:element
xmlns:q7="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Config" minOccurs="0" name="UpdatePrimaryUserStoreResult" nillable="true"
type="q7:ConfigChangeStatus" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="UpdateFQLPublicFilter">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="0" name="fql" nillable="true" type="xs:string" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="UpdateFQLPublicFilterResponse">

```

```

        <xs:complexType>
          <xs:sequence>
            <xs:element
xmlns:q8="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Config" minOccurs="0" name="UpdateFQLPublicFilterResult" nillable="true"
type="q8:ConfigChangeStatus" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="UpdateLogLevels">
        <xs:complexType>
          <xs:sequence>
            <xs:element minOccurs="0" name="defaultLogLevel" nillable="true" type="xs:string"
/>
            <xs:element xmlns:q9="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="errorNameSpaces" nillable="true" type="q9:ArrayOfstring" />
            <xs:element xmlns:q10="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="warningNameSpaces" nillable="true" type="q10:ArrayOfstring" />
            <xs:element xmlns:q11="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="infoNameSpaces" nillable="true" type="q11:ArrayOfstring" />
            <xs:element xmlns:q12="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="debugNameSpaces" nillable="true" type="q12:ArrayOfstring" />
            <xs:element minOccurs="0" name="includeExceptionStack" type="xs:boolean" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="UpdateLogLevelsResponse">
        <xs:complexType>
          <xs:sequence>
            <xs:element
xmlns:q13="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Config" minOccurs="0" name="UpdateLogLevelsResult" nillable="true"
type="q13:ConfigChangeStatus" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="LogInfo">
        <xs:complexType>
          <xs:sequence>
            <xs:element minOccurs="0" name="message" nillable="true" type="xs:string" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="LogInfoResponse">
        <xs:complexType>
          <xs:sequence>
            <xs:element minOccurs="0" name="LogInfoResult" type="xs:boolean" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="SetSystemUpToDate">
        <xs:complexType>
          <xs:sequence>
            <xs:element minOccurs="0" name="systemUpToDate" type="xs:boolean" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="SetSystemUpToDateResponse">
        <xs:complexType>
          <xs:sequence>

```



```

        <xs:element minOccurs="0" name="SetSystemUpToDateResult" type="xs:boolean" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="IsSystemUpToDate">
    <xs:complexType>
      <xs:sequence />
    </xs:complexType>
  </xs:element>
  <xs:element name="IsSystemUpToDateResponse">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="0" name="IsSystemUpToDateResult" type="xs:boolean" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
<xs:schema xmlns:tns="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="ArrayOfstring">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" name="string" nillable="true"
type="xs:string" />
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ArrayOfstring" nillable="true" type="tns:ArrayOfstring" />
</xs:schema>
<xs:schema xmlns:tns="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="tns:char" />
  <xs:simpleType name="char">
    <xs:restriction base="xs:int" />
  </xs:simpleType>
  <xs:element name="duration" nillable="true" type="tns: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:restriction>
  </xs:simpleType>

```

```

        <xs:minInclusive value="-P10675199DT2H48M5.4775808S" />
        <xs:maxInclusive value="P10675199DT2H48M5.4775807S" />
    </xs:restriction>
</xs:simpleType>
<xs:element name="guid" nillable="true" type="tns: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>
</wsdl:types>
<wsdl:message name="IInterProcessServiceManager_GetPrimaryUserStoreId_InputMessage">
    <wsdl:part name="parameters" element="tns:GetPrimaryUserStoreId" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_GetPrimaryUserStoreId_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetPrimaryUserStoreIdResponse" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_GetFQLPublicFilter_InputMessage">
    <wsdl:part name="parameters" element="tns:GetFQLPublicFilter" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_GetFQLPublicFilter_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetFQLPublicFilterResponse" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_DoesUserStoreExist_InputMessage">
    <wsdl:part name="parameters" element="tns:DoesUserStoreExist" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_DoesUserStoreExist_OutputMessage">
    <wsdl:part name="parameters" element="tns:DoesUserStoreExistResponse" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_UpdateUserStore_InputMessage">
    <wsdl:part name="parameters" element="tns:UpdateUserStore" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_UpdateUserStore_OutputMessage">
    <wsdl:part name="parameters" element="tns:UpdateUserStoreResponse" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_RemoveUserStore_InputMessage">
    <wsdl:part name="parameters" element="tns:RemoveUserStore" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_RemoveUserStore_OutputMessage">
    <wsdl:part name="parameters" element="tns:RemoveUserStoreResponse" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_DoesPrincipalAliaserExist_InputMessage">
    <wsdl:part name="parameters" element="tns:DoesPrincipalAliaserExist" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_DoesPrincipalAliaserExist_OutputMessage">
    <wsdl:part name="parameters" element="tns:DoesPrincipalAliaserExistResponse" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_UpdatePrincipalAliaser_InputMessage">
    <wsdl:part name="parameters" element="tns:UpdatePrincipalAliaser" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_UpdatePrincipalAliaser_OutputMessage">
    <wsdl:part name="parameters" element="tns:UpdatePrincipalAliaserResponse" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_RemovePrincipalAliaser_InputMessage">

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    <wsdl:part name="parameters" element="tns:RemovePrincipalAliaser" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_RemovePrincipalAliaser_OutputMessage">
    <wsdl:part name="parameters" element="tns:RemovePrincipalAliaserResponse" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_UpdateESPServerConfig_InputMessage">
    <wsdl:part name="parameters" element="tns:UpdateESPServerConfig" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_UpdateESPServerConfig_OutputMessage">
    <wsdl:part name="parameters" element="tns:UpdateESPServerConfigResponse" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_UpdatePrimaryUserStore_InputMessage">
    <wsdl:part name="parameters" element="tns:UpdatePrimaryUserStore" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_UpdatePrimaryUserStore_OutputMessage">
    <wsdl:part name="parameters" element="tns:UpdatePrimaryUserStoreResponse" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_UpdateFQLPublicFilter_InputMessage">
    <wsdl:part name="parameters" element="tns:UpdateFQLPublicFilter" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_UpdateFQLPublicFilter_OutputMessage">
    <wsdl:part name="parameters" element="tns:UpdateFQLPublicFilterResponse" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_UpdateLogLevels_InputMessage">
    <wsdl:part name="parameters" element="tns:UpdateLogLevels" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_UpdateLogLevels_OutputMessage">
    <wsdl:part name="parameters" element="tns:UpdateLogLevelsResponse" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_LogInfo_InputMessage">
    <wsdl:part name="parameters" element="tns:LogInfo" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_LogInfo_OutputMessage">
    <wsdl:part name="parameters" element="tns:LogInfoResponse" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_SetSystemUpToDate_InputMessage">
    <wsdl:part name="parameters" element="tns:SetSystemUpToDate" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_SetSystemUpToDate_OutputMessage">
    <wsdl:part name="parameters" element="tns:SetSystemUpToDateResponse" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_IsSystemUpToDate_InputMessage">
    <wsdl:part name="parameters" element="tns:IsSystemUpToDate" />
</wsdl:message>
<wsdl:message name="IInterProcessServiceManager_IsSystemUpToDate_OutputMessage">
    <wsdl:part name="parameters" element="tns:IsSystemUpToDateResponse" />
</wsdl:message>
<wsdl:portType msc:usingSession="true" name="IInterProcessServiceManager">
    <wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="GetPrimaryUserStoreId">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/GetPrimaryUserStoreId"
message="tns:IInterProcessServiceManager_GetPrimaryUserStoreId_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/GetPrimaryUserStoreIdResponse"
message="tns:IInterProcessServiceManager_GetPrimaryUserStoreId_OutputMessage" />
    </wsdl:operation>

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        <wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="GetFQLPublicFilter">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/GetFQLPublicFilter"
message="tns:IInterProcessServiceManager_GetFQLPublicFilter_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/GetFQLPublicFilterResponse"
message="tns:IInterProcessServiceManager_GetFQLPublicFilter_OutputMessage" />
        </wsdl:operation>
        <wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="DoesUserStoreExist">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/DoesUserStoreExist"
message="tns:IInterProcessServiceManager_DoesUserStoreExist_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/DoesUserStoreExistResponse"
message="tns:IInterProcessServiceManager_DoesUserStoreExist_OutputMessage" />
        </wsdl:operation>
        <wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="UpdateUserStore">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdateUserStore" message="tns:IInterProcessServiceManager_UpdateUserStore_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdateUserStoreResponse"
message="tns:IInterProcessServiceManager_UpdateUserStore_OutputMessage" />
        </wsdl:operation>
        <wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="RemoveUserStore">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/RemoveUserStore" message="tns:IInterProcessServiceManager_RemoveUserStore_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/RemoveUserStoreResponse"
message="tns:IInterProcessServiceManager_RemoveUserStore_OutputMessage" />
        </wsdl:operation>
        <wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="DoesPrincipalAliasExist">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/DoesPrincipalAliasExist"
message="tns:IInterProcessServiceManager_DoesPrincipalAliasExist_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/DoesPrincipalAliasExistResponse"
message="tns:IInterProcessServiceManager_DoesPrincipalAliasExist_OutputMessage" />
        </wsdl:operation>
        <wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="UpdatePrincipalAlias">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdatePrincipalAlias"
message="tns:IInterProcessServiceManager_UpdatePrincipalAlias_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdatePrincipalAliasResponse"
message="tns:IInterProcessServiceManager_UpdatePrincipalAlias_OutputMessage" />
        </wsdl:operation>

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        <wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="RemovePrincipalAliaser">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/RemovePrincipalAliaser"
message="tns:IInterProcessServiceManager_RemovePrincipalAliaser_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/RemovePrincipalAliaserResponse"
message="tns:IInterProcessServiceManager_RemovePrincipalAliaser_OutputMessage" />
        </wsdl:operation>
        <wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="UpdateESPServerConfig">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdateESPServerConfig"
message="tns:IInterProcessServiceManager_UpdateESPServerConfig_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdateESPServerConfigResponse"
message="tns:IInterProcessServiceManager_UpdateESPServerConfig_OutputMessage" />
        </wsdl:operation>
        <wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="UpdatePrimaryUserStore">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdatePrimaryUserStore"
message="tns:IInterProcessServiceManager_UpdatePrimaryUserStore_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdatePrimaryUserStoreResponse"
message="tns:IInterProcessServiceManager_UpdatePrimaryUserStore_OutputMessage" />
        </wsdl:operation>
        <wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="UpdateFQLPublicFilter">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdateFQLPublicFilter"
message="tns:IInterProcessServiceManager_UpdateFQLPublicFilter_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdateFQLPublicFilterResponse"
message="tns:IInterProcessServiceManager_UpdateFQLPublicFilter_OutputMessage" />
        </wsdl:operation>
        <wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="UpdateLogLevels">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdateLogLevels" message="tns:IInterProcessServiceManager_UpdateLogLevels_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/UpdateLogLevelsResponse"
message="tns:IInterProcessServiceManager_UpdateLogLevels_OutputMessage" />
        </wsdl:operation>
        <wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="LogInfo">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/LogInfo" message="tns:IInterProcessServiceManager_LogInfo_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/LogInfoResponse" message="tns:IInterProcessServiceManager_LogInfo_OutputMessage" />
        </wsdl:operation>
        <wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="SetSystemUpToDate">

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        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/SetSystemUpToDate" message="tns:IInterProcessServiceManager_SetSystemUpToDate_InputMessage"
/>
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/SetSystemUpToDateResponse"
message="tns:IInterProcessServiceManager_SetSystemUpToDate_OutputMessage" />
        </wsdl:operation>
        <wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="IsSystemUpToDate">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/IsSystemUpToDate" message="tns:IInterProcessServiceManager_IsSystemUpToDate_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager
/IsSystemUpToDateResponse"
message="tns:IInterProcessServiceManager_IsSystemUpToDate_OutputMessage" />
        </wsdl:operation>
    </wsdl:portType>
    <wsdl:binding name="NetTcpBinding_IInterProcessServiceManager"
type="tns:IInterProcessServiceManager">
        <wsp:PolicyReference URI="#NetTcpBinding_IInterProcessServiceManager_policy">
        </wsp:PolicyReference>
        <soap12:binding transport="http://schemas.microsoft.com/soap/tcp" />
        <wsdl:operation name="GetPrimaryUserStoreId">
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/
GetPrimaryUserStoreId" style="document" />
        <wsdl:input>
        <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_GetPrimaryUserStoreId_Input_policy">
        </wsp:PolicyReference>
        <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
        <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_GetPrimaryUserStoreId_output_policy">
        </wsp:PolicyReference>
        <soap12:body use="literal" />
        </wsdl:output>
        </wsdl:operation>
        <wsdl:operation name="GetFQLPublicFilter">
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/
GetFQLPublicFilter" style="document" />
        <wsdl:input>
        <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_GetFQLPublicFilter_Input_policy">
        </wsp:PolicyReference>
        <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
        <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_GetFQLPublicFilter_output_policy">
        </wsp:PolicyReference>
        <soap12:body use="literal" />
        </wsdl:output>
        </wsdl:operation>
        <wsdl:operation name="DoesUserStoreExist">

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        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/
DoesUserStoreExist" style="document" />
        <wsdl:input>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_DoesUserStoreExist_input_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_DoesUserStoreExist_output_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="UpdateUserStore">
        <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdateUserStore_policy">
        </wsp:PolicyReference>
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/
UpdateUserStore" style="document" />
        <wsdl:input>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdateUserStore_input_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdateUserStore_output_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="RemoveUserStore">
        <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_RemoveUserStore_policy">
        </wsp:PolicyReference>
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/
RemoveUserStore" style="document" />
        <wsdl:input>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_RemoveUserStore_input_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_RemoveUserStore_output_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="DoesPrincipalAliaserExist">
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/
DoesPrincipalAliaserExist" style="document" />

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        <wsdl:input>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_DoesPrincipalAliaserExist_Input_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_DoesPrincipalAliaserExist_output_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="UpdatePrincipalAliaser">
        <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdatePrincipalAliaser_policy">
        </wsp:PolicyReference>
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/
UpdatePrincipalAliaser" style="document" />
        <wsdl:input>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdatePrincipalAliaser_Input_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdatePrincipalAliaser_output_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="RemovePrincipalAliaser">
        <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_RemovePrincipalAliaser_policy">
        </wsp:PolicyReference>
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/
RemovePrincipalAliaser" style="document" />
        <wsdl:input>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_RemovePrincipalAliaser_Input_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_RemovePrincipalAliaser_output_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="UpdateESPServerConfig">
        <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdateESPServerConfig_policy">
        </wsp:PolicyReference>
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/
UpdateESPServerConfig" style="document" />

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        <wsdl:input>
          <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdateESPServerConfig_Input_policy">
          </wsp:PolicyReference>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdateESPServerConfig_output_policy">
          </wsp:PolicyReference>
          <soap12:body use="literal" />
        </wsdl:output>
      </wsdl:operation>
      <wsdl:operation name="UpdatePrimaryUserStore">
        <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdatePrimaryUserStore_policy">
        </wsp:PolicyReference>
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/
UpdatePrimaryUserStore" style="document" />
        <wsdl:input>
          <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdatePrimaryUserStore_Input_policy">
          </wsp:PolicyReference>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdatePrimaryUserStore_output_policy">
          </wsp:PolicyReference>
          <soap12:body use="literal" />
        </wsdl:output>
      </wsdl:operation>
      <wsdl:operation name="UpdateFQLPublicFilter">
        <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdateFQLPublicFilter_policy">
        </wsp:PolicyReference>
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/
UpdateFQLPublicFilter" style="document" />
        <wsdl:input>
          <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdateFQLPublicFilter_Input_policy">
          </wsp:PolicyReference>
          <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdateFQLPublicFilter_output_policy">
          </wsp:PolicyReference>
          <soap12:body use="literal" />
        </wsdl:output>
      </wsdl:operation>
      <wsdl:operation name="UpdateLogLevels">
        <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdateLogLevels_policy">
        </wsp:PolicyReference>
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/
UpdateLogLevels" style="document" />

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        <wsdl:input>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdateLogLevels_Input_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_UpdateLogLevels_output_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="LogInfo">
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/
LogInfo" style="document" />
        <wsdl:input>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_LogInfo_Input_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_LogInfo_output_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="SetSystemUpToDate">
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/
SetSystemUpToDate" style="document" />
        <wsdl:input>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_SetSystemUpToDate_Input_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_SetSystemUpToDate_output_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="IsSystemUpToDate">
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessServiceManager/
IsSystemUpToDate" style="document" />
        <wsdl:input>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_IsSystemUpToDate_Input_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessServiceManager_IsSystemUpToDate_output_policy">

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        </wsp:PolicyReference>
        <soap12:body use="literal" />
    </wsdl:output>
</wsdl:operation>
</wsdl:binding>
<wsdl:service name="SystemManagerService">
    <wsdl:port name="NetTcpBinding_IInterProcessServiceManager"
binding="tns:NetTcpBinding_IInterProcessServiceManager">
        <soap12:address location="net.tcp://localhost:13279/SystemManagerService" />
        <wsa10:EndpointReference>
            <wsa10:Address>net.tcp://localhost:13279/SystemManagerService</wsa10:Address>
            <Identity xmlns="http://schemas.xmlsoap.org/ws/2006/02/addressingidentity">
                <Upn>###USER###@###DOMAIN###</Upn>
            </Identity>
        </wsa10:EndpointReference>
    </wsdl:port>
</wsdl:service>
</wsdl:definitions>

```

6.5 TransactionLogService Web Service WSDL

```

<?xml version="1.0" encoding="utf-8"?>
<wsdl:definitions xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"
xmlns:wsa10="http://www.w3.org/2005/08/addressing"
xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd" xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/" name="TransactionLogService"
targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
    <wsp:Policy wsu:Id="NetTcpBinding_ITransactionLogService_policy">
        <wsp:ExactlyOne>
            <wsp>All>
                <wsrm:RMAssertion xmlns:wsrm="http://schemas.xmlsoap.org/ws/2005/02/rm/policy">
                    <wsrm:InactivityTimeout Milliseconds="1800000">
                        </wsrm:InactivityTimeout>
                    <wsrm:AcknowledgementInterval Milliseconds="200">
                        </wsrm:AcknowledgementInterval>
                    </wsrm:RMAssertion>
                <sp:SymmetricBinding xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                    <wsp:Policy>
                        <sp:ProtectionToken>
                            <wsp:Policy>
                                <sp:SecureConversationToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
                                    <wsp:Policy>
                                        <sp:RequireDerivedKeys>
                                            </sp:RequireDerivedKeys>
                                        <sp:BootstrapPolicy>
                                            <wsp:Policy>
                                                <sp:SignedParts>
                                                    <sp:Body>
                                                        </sp:Body>
                                                    <sp:Header Name="To"
Namespace="http://www.w3.org/2005/08/addressing">

```

```

        </sp:Header>
        <sp:Header Name="From"
Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo"
Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo"
Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID"
Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo"
Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action"
Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts>
    <sp:Body>
    </sp:Body>
    </sp:EncryptedParts>
    <sp:SymmetricBinding>
    <wsp:Policy>
        <sp:ProtectionToken>
        <wsp:Policy>
            <sp:SpnegoContextToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
                <wsp:Policy>
                    <sp:RequireDerivedKeys>
                    </sp:RequireDerivedKeys>
                </wsp:Policy>
            </sp:SpnegoContextToken>
        </wsp:Policy>
    </sp:ProtectionToken>
    <sp:AlgorithmSuite>
    <wsp:Policy>
        <sp:Basic256>
        </sp:Basic256>
    </wsp:Policy>
    </sp:AlgorithmSuite>
    <sp:Layout>
    <wsp:Policy>
        <sp:Strict>
        </sp:Strict>
    </wsp:Policy>
    </sp:Layout>
    <sp:IncludeTimestamp>
    </sp:IncludeTimestamp>
    <sp:EncryptSignature>
    </sp:EncryptSignature>
    <sp:OnlySignEntireHeadersAndBody>
    </sp:OnlySignEntireHeadersAndBody>
    </wsp:Policy>
    </sp:SymmetricBinding>
    <sp:Wss11>
    <wsp:Policy>

```

```

        <sp:MustSupportRefKeyIdentifier>
        </sp:MustSupportRefKeyIdentifier>
        <sp:MustSupportRefIssuerSerial>
        </sp:MustSupportRefIssuerSerial>
        <sp:MustSupportRefThumbprint>
        </sp:MustSupportRefThumbprint>
        <sp:MustSupportRefEncryptedKey>
        </sp:MustSupportRefEncryptedKey>
    </wsp:Policy>
</sp:Wss11>
<sp:Trust10>
    <wsp:Policy>
        <sp:MustSupportIssuedTokens>
        </sp:MustSupportIssuedTokens>
        <sp:RequireClientEntropy>
        </sp:RequireClientEntropy>
        <sp:RequireServerEntropy>
        </sp:RequireServerEntropy>
    </wsp:Policy>
</sp:Trust10>
</wsp:Policy>
</sp:BootstrapPolicy>
    </wsp:Policy>
</sp:SecureConversationToken>
</wsp:Policy>
</sp:ProtectionToken>
<sp:AlgorithmSuite>
    <wsp:Policy>
        <sp:Basic256>
        </sp:Basic256>
    </wsp:Policy>
</sp:AlgorithmSuite>
<sp:Layout>
    <wsp:Policy>
        <sp:Strict>
        </sp:Strict>
    </wsp:Policy>
</sp:Layout>
<sp:IncludeTimestamp>
</sp:IncludeTimestamp>
<sp:EncryptSignature>
</sp:EncryptSignature>
<sp:OnlySignEntireHeadersAndBody>
</sp:OnlySignEntireHeadersAndBody>
</wsp:Policy>
</sp:SymmetricBinding>
<sp:Wss11 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <wsp:Policy>
        <sp:MustSupportRefKeyIdentifier>
        </sp:MustSupportRefKeyIdentifier>
        <sp:MustSupportRefIssuerSerial>
        </sp:MustSupportRefIssuerSerial>
        <sp:MustSupportRefThumbprint>
        </sp:MustSupportRefThumbprint>
        <sp:MustSupportRefEncryptedKey>
        </sp:MustSupportRefEncryptedKey>
    </wsp:Policy>
</sp:Wss11>
<sp:Trust10 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">

```

```

        <wsp:Policy>
            <sp:MustSupportIssuedTokens>
            </sp:MustSupportIssuedTokens>
            <sp:RequireClientEntropy>
            </sp:RequireClientEntropy>
            <sp:RequireServerEntropy>
            </sp:RequireServerEntropy>
        </wsp:Policy>
    </sp:Trust10>
    <msb:BinaryEncoding
xmlns:msb="http://schemas.microsoft.com/ws/06/2004/mspolicy/netbinary1">
    </msb:BinaryEncoding>
    <wsaw:UsingAddressing>
    </wsaw:UsingAddressing>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_ITransactionLogService_GetLastCommittedTransactionId_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>
            <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">

```

```

        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        </sp:EncryptedParts>
    </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_ITransactionLogService_GetLastCommittedTransactionId_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>

```

```

    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
      <sp:Body>
      </sp:Body>
      <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscor">
      </sp:Header>
      <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscor/2006/06">
      </sp:Header>
      <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
      </sp:Header>
      <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
      </sp:Header>
    </sp:EncryptedParts>
  </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ITransactionLogService_SetRequestedTransactionId_policy">
  <wsp:ExactlyOne>
    <wsp:All>
      <oletx:OleTxAssertion xmlns:oletx="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
      </oletx:OleTxAssertion>
    </wsp:All>
  </wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_ITransactionLogService_SetRequestedTransactionId_Input_policy">
  <wsp:ExactlyOne>
    <wsp:All>
      <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
      </sp:SignedParts>
    </wsp:All>
  </wsp:ExactlyOne>
</wsp:Policy>

```



```

    <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
    </sp:Header>
    <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
    </sp:Header>
    <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
    </sp:Header>
    <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
    </sp:Header>
  </sp:SignedParts>
  <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <sp:Body>
    </sp:Body>
    <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
    </sp:Header>
    <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
    </sp:Header>
    <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
    </sp:Header>
    <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
    </sp:Header>
  </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_ITransactionLogService_SetRequestedTransactionId_output_policy">
  <wsp:ExactlyOne>
    <wsp:All>
      <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">

```

```

        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_ITransactionLogService_AddOptimizedAwayEntry_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <oletx:OleTxAssertion xmlns:oletx="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
            </oletx:OleTxAssertion>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_ITransactionLogService_AddOptimizedAwayEntry_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">

```

```

        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy
wsu:Id="NetTcpBinding_ITransactionLogService_AddOptimizedAwayEntry_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
            </sp:SignedParts>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>

```

```

        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <sp:Body>
    </sp:Body>
    <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscor">
    </sp:Header>
    <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscor/2006/06">
    </sp:Header>
    <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
    </sp:Header>
    <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
    </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsdl:types>
    <xs:schema xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
elementFormDefault="qualified"
targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
        <xs:element name="GetLastCommittedTransactionId">
            <xs:complexType>
                <xs:sequence />
            </xs:complexType>
        </xs:element>
        <xs:element name="GetLastCommittedTransactionIdResponse">
            <xs:complexType>
                <xs:sequence>
                    <xs:element minOccurs="0" name="GetLastCommittedTransactionIdResult"
nillable="true" type="xs:string" />
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="SetRequestedTransactionId">
            <xs:complexType>

```

```

        <xs:sequence>
          <xs:element minOccurs="0" name="newRequestedTransactionId" nillable="true"
type="xs:string" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="SetRequestedTransactionIdResponse">
      <xs:complexType>
        <xs:sequence>
          <xs:element minOccurs="0" name="SetRequestedTransactionIdResult" nillable="true"
type="xs:string" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="AddOptimizedAwayEntry">
      <xs:complexType>
        <xs:sequence>
          <xs:element minOccurs="0" name="explanation" nillable="true" type="xs:string" />
          <xs:element minOccurs="0" name="optimizer" nillable="true" type="xs:string" />
          <xs:element minOccurs="0" name="synchronizer" nillable="true" type="xs:string" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="AddOptimizedAwayEntryResponse">
      <xs:complexType>
        <xs:sequence>
          <xs:element minOccurs="0" name="AddOptimizedAwayEntryResult" nillable="true"
type="xs:string" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:schema>

  <xs:schema xmlns:tns="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="tns:char" />
    <xs:simpleType name="char">
      <xs:restriction base="xs:int" />
    </xs:simpleType>
    <xs:element name="duration" nillable="true" type="tns: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="tns: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>
</wsdl:types>
<wsdl:message name="ITransactionLogService_GetLastCommittedTransactionId_InputMessage">
  <wsdl:part name="parameters" element="tns:GetLastCommittedTransactionId" />
</wsdl:message>
<wsdl:message name="ITransactionLogService_GetLastCommittedTransactionId_OutputMessage">
  <wsdl:part name="parameters" element="tns:GetLastCommittedTransactionIdResponse" />
</wsdl:message>
<wsdl:message name="ITransactionLogService_SetRequestedTransactionId_InputMessage">
  <wsdl:part name="parameters" element="tns:SetRequestedTransactionId" />
</wsdl:message>
<wsdl:message name="ITransactionLogService_SetRequestedTransactionId_OutputMessage">
  <wsdl:part name="parameters" element="tns:SetRequestedTransactionIdResponse" />
</wsdl:message>
<wsdl:message name="ITransactionLogService_AddOptimizedAwayEntry_InputMessage">
  <wsdl:part name="parameters" element="tns:AddOptimizedAwayEntry" />
</wsdl:message>
<wsdl:message name="ITransactionLogService_AddOptimizedAwayEntry_OutputMessage">
  <wsdl:part name="parameters" element="tns:AddOptimizedAwayEntryResponse" />
</wsdl:message>
<wsdl:portType msc:usingSession="true" name="ITransactionLogService">
  <wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="GetLastCommittedTransactionId">
    <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/GetL
astCommittedTransactionId"
message="tns:ITransactionLogService_GetLastCommittedTransactionId_InputMessage" />
    <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/GetL
astCommittedTransactionIdResponse"
message="tns:ITransactionLogService_GetLastCommittedTransactionId_OutputMessage" />
  </wsdl:operation>
  <wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="SetRequestedTransactionId">
    <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/SetR
equestedTransactionId"
message="tns:ITransactionLogService_SetRequestedTransactionId_InputMessage" />
    <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/SetR
equestedTransactionIdResponse"
message="tns:ITransactionLogService_SetRequestedTransactionId_OutputMessage" />
  </wsdl:operation>

```

```

        <wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="AddOptimizedAwayEntry">
    <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/AddO
ptimizedAwayEntry" message="tns:ITransactionLogService_AddOptimizedAwayEntry_InputMessage" />
    <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/AddO
ptimizedAwayEntryResponse"
message="tns:ITransactionLogService_AddOptimizedAwayEntry_OutputMessage" />
    </wsdl:operation>
</wsdl:portType>
<wsdl:binding name="NetTcpBinding_ITransactionLogService"
type="tns:ITransactionLogService">
    <wsp:PolicyReference URI="#NetTcpBinding_ITransactionLogService_policy">
</wsp:PolicyReference>
    <soap12:binding transport="http://schemas.microsoft.com/soap/tcp" />
    <wsdl:operation name="GetLastCommittedTransactionId">
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/GetLa
stCommittedTransactionId" style="document" />
        <wsdl:input>
            <wsp:PolicyReference
URI="#NetTcpBinding_ITransactionLogService_GetLastCommittedTransactionId_Input_policy">
</wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <wsp:PolicyReference
URI="#NetTcpBinding_ITransactionLogService_GetLastCommittedTransactionId_output_policy">
</wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="SetRequestedTransactionId">
        <wsp:PolicyReference
URI="#NetTcpBinding_ITransactionLogService_SetRequestedTransactionId_policy">
</wsp:PolicyReference>
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/SetRe
questedTransactionId" style="document" />
        <wsdl:input>
            <wsp:PolicyReference
URI="#NetTcpBinding_ITransactionLogService_SetRequestedTransactionId_Input_policy">
</wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <wsp:PolicyReference
URI="#NetTcpBinding_ITransactionLogService_SetRequestedTransactionId_output_policy">
</wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="AddOptimizedAwayEntry">
        <wsp:PolicyReference
URI="#NetTcpBinding_ITransactionLogService_AddOptimizedAwayEntry_policy">
</wsp:PolicyReference>
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/ITransactionLogService/AddOp
timizedAwayEntry" style="document" />
        <wsdl:input>

```

```

        <wsp:PolicyReference
URI="#NetTcpBinding_ITransactionLogService_AddOptimizedAwayEntry_Input_policy">
        </wsp:PolicyReference>
        <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <wsp:PolicyReference
URI="#NetTcpBinding_ITransactionLogService_AddOptimizedAwayEntry_output_policy">
        </wsp:PolicyReference>
        <soap12:body use="literal" />
    </wsdl:output>
</wsdl:operation>
</wsdl:binding>
<wsdl:service name="TransactionLogService">
    <wsdl:port name="NetTcpBinding_ITransactionLogService"
binding="tns:NetTcpBinding_ITransactionLogService">
        <soap12:address location="net.tcp://localhost:13279/TransactionLogService" />
    <wsa10:EndpointReference>
        <wsa10:Address>net.tcp://localhost:13279/TransactionLogService</wsa10:Address>
        <Identity xmlns="http://schemas.xmlsoap.org/ws/2006/02/addressingidentity">
            <Upn>###USER###@###DOMAIN###</Upn>
        </Identity>
    </wsa10:EndpointReference>
</wsdl:port>
</wsdl:service>
</wsdl:definitions>

```

6.6 TransferFileService Web Service WSDL

```

<?xml version="1.0" encoding="utf-8"?>
<wsdl:definitions xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"
xmlns:wsa10="http://www.w3.org/2005/08/addressing"
xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd" xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy"
xmlns:microsoft="http://schemas.microsoft.com/ws/2005/12/wsdl/contract"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/" name="TransferFileService"
targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
    <wsp:Policy wsu:Id="NetTcpBinding_IInterProcessFileTransfer_policy">
        <wsp:ExactlyOne>
            <wsp:All>
                <wsrm:RMAssertion xmlns:wsrm="http://schemas.xmlsoap.org/ws/2005/02/rm/policy">
                    <wsrm:InactivityTimeout Milliseconds="1800000">
                    </wsrm:InactivityTimeout>
                    <wsrm:AcknowledgementInterval Milliseconds="200">
                    </wsrm:AcknowledgementInterval>
                </wsrm:RMAssertion>
                <sp:SymmetricBinding xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                    <wsp:Policy>
                        <sp:ProtectionToken>
                            <wsp:Policy>
                                <sp:SecureConversationToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
                                    <wsp:Policy>
                                        <sp:RequireDerivedKeys>
                                        </sp:RequireDerivedKeys>

```



```

    <sp:BootstrapPolicy>
      <wsp:Policy>
        <sp:SignedParts>
          <sp:Body>
          </sp:Body>
          <sp:Header Name="To"
Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="From"
Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="FaultTo"
Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="ReplyTo"
Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="MessageID"
Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="RelatesTo"
Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
          <sp:Header Name="Action"
Namespace="http://www.w3.org/2005/08/addressing">
          </sp:Header>
        </sp:SignedParts>
        <sp:EncryptedParts>
          <sp:Body>
          </sp:Body>
        </sp:EncryptedParts>
        <sp:SymmetricBinding>
          <wsp:Policy>
            <sp:ProtectionToken>
              <wsp:Policy>
                <sp:SpnegoContextToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
                </sp:SpnegoContextToken>
              </wsp:Policy>
            </sp:ProtectionToken>
            <sp:AlgorithmSuite>
              <wsp:Policy>
                <sp:Basic256>
                </sp:Basic256>
              </wsp:Policy>
            </sp:AlgorithmSuite>
            <sp:Layout>
              <wsp:Policy>
                <sp:Strict>
                </sp:Strict>
              </wsp:Policy>
            </sp:Layout>
            <sp:IncludeTimestamp>
            </sp:IncludeTimestamp>
            <sp:EncryptSignature>

```

```

        </sp:EncryptSignature>
        <sp:OnlySignEntireHeadersAndBody>
        </sp:OnlySignEntireHeadersAndBody>
    </wsp:Policy>
</sp:SymmetricBinding>
<sp:Wss11>
    <wsp:Policy>
        <sp:MustSupportRefKeyIdentifier>
        </sp:MustSupportRefKeyIdentifier>
        <sp:MustSupportRefIssuerSerial>
        </sp:MustSupportRefIssuerSerial>
        <sp:MustSupportRefThumbprint>
        </sp:MustSupportRefThumbprint>
        <sp:MustSupportRefEncryptedKey>
        </sp:MustSupportRefEncryptedKey>
    </wsp:Policy>
</sp:Wss11>
<sp:Trust10>
    <wsp:Policy>
        <sp:MustSupportIssuedTokens>
        </sp:MustSupportIssuedTokens>
        <sp:RequireClientEntropy>
        </sp:RequireClientEntropy>
        <sp:RequireServerEntropy>
        </sp:RequireServerEntropy>
    </wsp:Policy>
</sp:Trust10>
</wsp:Policy>
</sp:BootstrapPolicy>
</wsp:Policy>
</sp:SecureConversationToken>
</wsp:Policy>
</sp:ProtectionToken>
<sp:AlgorithmSuite>
    <wsp:Policy>
        <sp:Basic256>
        </sp:Basic256>
    </wsp:Policy>
</sp:AlgorithmSuite>
<sp:Layout>
    <wsp:Policy>
        <sp:Strict>
        </sp:Strict>
    </wsp:Policy>
</sp:Layout>
<sp:IncludeTimestamp>
</sp:IncludeTimestamp>
<sp:EncryptSignature>
</sp:EncryptSignature>
<sp:OnlySignEntireHeadersAndBody>
</sp:OnlySignEntireHeadersAndBody>
</wsp:Policy>
</sp:SymmetricBinding>
<sp:Wss11 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <wsp:Policy>
        <sp:MustSupportRefKeyIdentifier>
        </sp:MustSupportRefKeyIdentifier>
        <sp:MustSupportRefIssuerSerial>
        </sp:MustSupportRefIssuerSerial>

```

```

        <sp:MustSupportRefThumbprint>
        </sp:MustSupportRefThumbprint>
        <sp:MustSupportRefEncryptedKey>
        </sp:MustSupportRefEncryptedKey>
    </wsp:Policy>
</sp:Wss11>
<sp:Trust10 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <wsp:Policy>
        <sp:MustSupportIssuedTokens>
        </sp:MustSupportIssuedTokens>
        <sp:RequireClientEntropy>
        </sp:RequireClientEntropy>
        <sp:RequireServerEntropy>
        </sp:RequireServerEntropy>
    </wsp:Policy>
</sp:Trust10>
    <msb:BinaryEncoding
xmlns:msb="http://schemas.microsoft.com/ws/06/2004/mspolicy/netbinary1">
    </msb:BinaryEncoding>
    <wsaw:UsingAddressing>
    </wsaw:UsingAddressing>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_IInterProcessFileTransfer_TransferFile_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <oletx:OleTxAssertion xmlns:oletx="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
            </oletx:OleTxAssertion>
        </wsp:All>
    </wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_IInterProcessFileTransfer_TransferFile_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">

```

```

        </sp:Header>
        <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
    </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_IInterProcessFileTransfer_TransferFile_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">

```

```

    </sp:Header>
    <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
    </sp:Header>
    <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
    </sp:Header>
    <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
    </sp:Header>
    <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
    </sp:Header>
    <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
    </sp:Header>
    <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
    </sp:Header>
  </sp:SignedParts>
  <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <sp:Body>
    </sp:Body>
    <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscor">
    </sp:Header>
    <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscor/2006/06">
    </sp:Header>
    <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
    </sp:Header>
    <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
    </sp:Header>
  </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsdl:types>
  <xs:schema xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
elementFormDefault="qualified"
targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
    <xs:element name="TransferFile">
      <xs:complexType>
        <xs:sequence>
          <xs:element minOccurs="0" name="fileId" nillable="true" type="xs:string" />
          <xs:element minOccurs="0" name="isLargeFile" type="xs:boolean" />
          <xs:element minOccurs="0" name="part" type="xs:int" />
          <xs:element minOccurs="0" name="block" nillable="true" type="xs:string" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="TransferFileResponse">
      <xs:complexType>
        <xs:sequence />
      </xs:complexType>
    </xs:element>
  </xs:schema>
  <xs:schema xmlns:tns="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="tns:char" />
<xs:simpleType name="char">
  <xs:restriction base="xs:int" />
</xs:simpleType>
<xs:element name="duration" nillable="true" type="tns: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="tns: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>
</wsdl:types>
<wsdl:message name="IInterProcessFileTransfer_TransferFile_InputMessage">
  <wsdl:part name="parameters" element="tns:TransferFile" />
</wsdl:message>
<wsdl:message name="IInterProcessFileTransfer_TransferFile_OutputMessage">
  <wsdl:part name="parameters" element="tns:TransferFileResponse" />
</wsdl:message>
<wsdl:portType msc:usingSession="true" name="IInterProcessFileTransfer">
  <wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="TransferFile">
    <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessFileTransfer/T
ransferFile" message="tns:IInterProcessFileTransfer_TransferFile_InputMessage" />
    <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessFileTransfer/T
ransferFileResponse" message="tns:IInterProcessFileTransfer_TransferFile_OutputMessage" />
  </wsdl:operation>
</wsdl:portType>
<wsdl:binding name="NetTcpBinding_IInterProcessFileTransfer"
type="tns:IInterProcessFileTransfer">
  <wsp:PolicyReference URI="#NetTcpBinding_IInterProcessFileTransfer_policy">

```

```

        </wsp:PolicyReference>
        <soap12:binding transport="http://schemas.microsoft.com/soap/tcp" />
        <wsdl:operation name="TransferFile">
            <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessFileTransfer_TransferFile_policy">
            </wsp:PolicyReference>
            <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IInterProcessFileTransfer/Tr
ansferFile" style="document" />
            <wsdl:input>
                <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessFileTransfer_TransferFile_Input_policy">
                </wsp:PolicyReference>
                <soap12:body use="literal" />
            </wsdl:input>
            <wsdl:output>
                <wsp:PolicyReference
URI="#NetTcpBinding_IInterProcessFileTransfer_TransferFile_output_policy">
                </wsp:PolicyReference>
                <soap12:body use="literal" />
            </wsdl:output>
        </wsdl:operation>
    </wsdl:binding>
    <wsdl:service name="TransferFileService">
        <wsdl:port name="NetTcpBinding_IInterProcessFileTransfer"
binding="tns:NetTcpBinding_IInterProcessFileTransfer">
            <soap12:address location="net.tcp://localhost:13279/TransferFileService" />
            <wsa10:EndpointReference>
                <wsa10:Address>net.tcp://localhost:13279/TransferFileService</wsa10:Address>
                <Identity xmlns="http://schemas.xmlsoap.org/ws/2006/02/addressingidentity">
                    <Upn>###USER###@###DOMAIN###</Upn>
                </Identity>
            </wsa10:EndpointReference>
        </wsdl:port>
    </wsdl:service>
</wsdl:definitions>

```

6.7 UserMonitorTS Web Service WSDL

```

<?xml version="1.0" encoding="utf-8"?>
<wsdl:definitions xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"
xmlns:wsa10="http://www.w3.org/2005/08/addressing"
xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd" xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/" name="UserMonitorTS"
targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
    <wsp:Policy wsu:Id="NetTcpBinding_IUserMonitorWorker_policy">
        <wsp:ExactlyOne>
            <wsp:All>
                <wsrm:RMAssertion xmlns:wsrm="http://schemas.xmlsoap.org/ws/2005/02/rm/policy">
                    <wsrm:InactivityTimeout Milliseconds="1800000">
                    </wsrm:InactivityTimeout>
                    <wsrm:AcknowledgementInterval Milliseconds="200">
                    </wsrm:AcknowledgementInterval>
                </wsrm:RMAssertion>
            </wsp:All>
        </wsp:ExactlyOne>
    </wsp:Policy>

```

```

    <sp:SymmetricBinding xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
      <wsp:Policy>
        <sp:ProtectionToken>
          <wsp:Policy>
            <sp:SecureConversationToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
              <wsp:Policy>
                <sp:RequireDerivedKeys>
                </sp:RequireDerivedKeys>
                <sp:BootstrapPolicy>
                  <wsp:Policy>
                    <sp:SignedParts>
                      <sp:Body>
                      </sp:Body>
                      <sp:Header Name="To"
Namespace="http://www.w3.org/2005/08/addressing">
                      </sp:Header>
                      <sp:Header Name="From"
Namespace="http://www.w3.org/2005/08/addressing">
                      </sp:Header>
                      <sp:Header Name="FaultTo"
Namespace="http://www.w3.org/2005/08/addressing">
                      </sp:Header>
                      <sp:Header Name="ReplyTo"
Namespace="http://www.w3.org/2005/08/addressing">
                      </sp:Header>
                      <sp:Header Name="MessageID"
Namespace="http://www.w3.org/2005/08/addressing">
                      </sp:Header>
                      <sp:Header Name="RelatesTo"
Namespace="http://www.w3.org/2005/08/addressing">
                      </sp:Header>
                      <sp:Header Name="Action"
Namespace="http://www.w3.org/2005/08/addressing">
                      </sp:Header>
                    </sp:SignedParts>
                    <sp:EncryptedParts>
                      <sp:Body>
                      </sp:Body>
                    </sp:EncryptedParts>
                    <sp:SymmetricBinding>
                      <wsp:Policy>
                        <sp:ProtectionToken>
                          <wsp:Policy>
                            <sp:SpnegoContextToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
                              <wsp:Policy>
                                <sp:RequireDerivedKeys>
                                </sp:RequireDerivedKeys>
                              </wsp:Policy>
                            </sp:SpnegoContextToken>
                          </wsp:Policy>
                        </sp:ProtectionToken>
                        <sp:AlgorithmSuite>
                          <wsp:Policy>
                            <sp:Basic256>
                            </sp:Basic256>
                          </wsp:Policy>
                        </sp:AlgorithmSuite>
                      </sp:SymmetricBinding>
                    </wsp:Policy>
                  </sp:BootstrapPolicy>
                </wsp:Policy>
              </sp:SecureConversationToken>
            </wsp:Policy>
          </sp:ProtectionToken>
        </wsp:Policy>
      </sp:SymmetricBinding>
    </sp:SymmetricBinding>
  </wsp:Policy>
</wsp:Policy>

```



```

        </sp:AlgorithmSuite>
        <sp:Layout>
            <wsp:Policy>
                <sp:Strict>
                </sp:Strict>
            </wsp:Policy>
        </sp:Layout>
        <sp:IncludeTimestamp>
        </sp:IncludeTimestamp>
        <sp:EncryptSignature>
        </sp:EncryptSignature>
        <sp:OnlySignEntireHeadersAndBody>
        </sp:OnlySignEntireHeadersAndBody>
    </wsp:Policy>
</sp:SymmetricBinding>
<sp:Wss11>
    <wsp:Policy>
        <sp:MustSupportRefKeyIdentifier>
        </sp:MustSupportRefKeyIdentifier>
        <sp:MustSupportRefIssuerSerial>
        </sp:MustSupportRefIssuerSerial>
        <sp:MustSupportRefThumbprint>
        </sp:MustSupportRefThumbprint>
        <sp:MustSupportRefEncryptedKey>
        </sp:MustSupportRefEncryptedKey>
    </wsp:Policy>
</sp:Wss11>
<sp:Trust10>
    <wsp:Policy>
        <sp:MustSupportIssuedTokens>
        </sp:MustSupportIssuedTokens>
        <sp:RequireClientEntropy>
        </sp:RequireClientEntropy>
        <sp:RequireServerEntropy>
        </sp:RequireServerEntropy>
    </wsp:Policy>
</sp:Trust10>
</wsp:Policy>
</sp:BootstrapPolicy>
</wsp:Policy>
</sp:SecureConversationToken>
</wsp:Policy>
</sp:ProtectionToken>
<sp:AlgorithmSuite>
    <wsp:Policy>
        <sp:Basic256>
        </sp:Basic256>
    </wsp:Policy>
</sp:AlgorithmSuite>
<sp:Layout>
    <wsp:Policy>
        <sp:Strict>
        </sp:Strict>
    </wsp:Policy>
</sp:Layout>
<sp:IncludeTimestamp>
</sp:IncludeTimestamp>
<sp:EncryptSignature>
</sp:EncryptSignature>

```

```

        <sp:OnlySignEntireHeadersAndBody>
        </sp:OnlySignEntireHeadersAndBody>
    </wsp:Policy>
</sp:SymmetricBinding>
<sp:Wss11 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <wsp:Policy>
        <sp:MustSupportRefKeyIdentifier>
        </sp:MustSupportRefKeyIdentifier>
        <sp:MustSupportRefIssuerSerial>
        </sp:MustSupportRefIssuerSerial>
        <sp:MustSupportRefThumbprint>
        </sp:MustSupportRefThumbprint>
        <sp:MustSupportRefEncryptedKey>
        </sp:MustSupportRefEncryptedKey>
    </wsp:Policy>
</sp:Wss11>
<sp:Trust10 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <wsp:Policy>
        <sp:MustSupportIssuedTokens>
        </sp:MustSupportIssuedTokens>
        <sp:RequireClientEntropy>
        </sp:RequireClientEntropy>
        <sp:RequireServerEntropy>
        </sp:RequireServerEntropy>
    </wsp:Policy>
</sp:Trust10>
    <msb:BinaryEncoding
xmlns:msb="http://schemas.microsoft.com/ws/06/2004/mspolicy/netbinary1">
    </msb:BinaryEncoding>
    <wsaw:UsingAddressing>
    </wsaw:UsingAddressing>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_IUserMonitorWorker_GetGroups_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">

```

```

</sp:Header>
<sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
</sp:Header>
<sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
</sp:Header>
<sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
</sp:Header>
<sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
</sp:Header>
<sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
</sp:Header>
<sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
</sp:Header>
<sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
</sp:Header>
</sp:SignedParts>
<sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
  <sp:Body>
  </sp:Body>
  <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
  </sp:Header>
  <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
  </sp:Header>
  <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
  </sp:Header>
  <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
  </sp:Header>
</sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_IUserMonitorWorker_GetGroups_output_policy">
  <wsp:ExactlyOne>
    <wsp:All>
      <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
        <sp:Body>
        </sp:Body>
        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
        </sp:Header>
        <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
        </sp:Header>
        <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
        <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
        </sp:Header>
        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">

```

```

    </sp:Header>
    <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
    </sp:Header>
    <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
    </sp:Header>
    <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
    </sp:Header>
    <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
    </sp:Header>
    <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
    </sp:Header>
    <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
    </sp:Header>
    <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
    </sp:Header>
  </sp:SignedParts>
  <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <sp:Body>
    </sp:Body>
    <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscor">
    </sp:Header>
    <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscor/2006/06">
    </sp:Header>
    <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
    </sp:Header>
    <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
    </sp:Header>
  </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsdl:types>
  <xs:schema xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
elementFormDefault="qualified"
targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
    <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays" />
    <xs:element name="GetGroups">
      <xs:complexType>
        <xs:sequence>
          <xs:element minOccurs="0" name="userID" nillable="true" type="xs:string" />
          <xs:element minOccurs="0" name="domainId" nillable="true" type="xs:string" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="GetGroupsResponse">
      <xs:complexType>
        <xs:sequence>
          <xs:element xmlns:q1="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="GetGroupsResult" nillable="true"
type="q1:ArrayOfArrayOfKeyValueOfstringstring" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:schema>

```

```

    <xs:schema xmlns:tns="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="ArrayOfArrayOfKeyValueOfstringstring">
            <xs:sequence>
                <xs:element minOccurs="0" maxOccurs="unbounded"
                name="ArrayOfKeyValueOfstringstring" nillable="true" type="tns:ArrayOfKeyValueOfstringstring"
                />
            </xs:sequence>
        </xs:complexType>
        <xs:element name="ArrayOfArrayOfKeyValueOfstringstring" nillable="true"
        type="tns:ArrayOfArrayOfKeyValueOfstringstring" />
        <xs:complexType name="ArrayOfKeyValueOfstringstring">
            <xs:annotation>
                <xs:appinfo>
                    <IsDictionary
    xmlns="http://schemas.microsoft.com/2003/10/Serialization/">true</IsDictionary>
                </xs:appinfo>
            </xs:annotation>
            <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="tns:ArrayOfKeyValueOfstringstring" />
    </xs:schema>

    <xs:schema xmlns:tns="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="tns:char" />
        <xs:simpleType name="char">
            <xs:restriction base="xs:int" />
        </xs:simpleType>
    </xs:schema>

```

```

<xs:element name="duration" nillable="true" type="tns: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="tns: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>
</wsdl:types>
<wsdl:message name="IUserMonitorWorker_GetGroups_InputMessage">
  <wsdl:part name="parameters" element="tns:GetGroups" />
</wsdl:message>
<wsdl:message name="IUserMonitorWorker_GetGroups_OutputMessage">
  <wsdl:part name="parameters" element="tns:GetGroupsResponse" />
</wsdl:message>
<wsdl:portType msc:usingSession="true" name="IUserMonitorWorker">
  <wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="GetGroups">
    <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IUserMonitorWorker/GetGroup
s" message="tns:IUserMonitorWorker_GetGroups_InputMessage" />
    <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IUserMonitorWorker/GetGroup
sResponse" message="tns:IUserMonitorWorker_GetGroups_OutputMessage" />
  </wsdl:operation>
</wsdl:portType>
<wsdl:binding name="NetTcpBinding_IUserMonitorWorker" type="tns:IUserMonitorWorker">
  <wsp:PolicyReference URI="#NetTcpBinding_IUserMonitorWorker_policy">
    </wsp:PolicyReference>
  <soap12:binding transport="http://schemas.microsoft.com/soap/tcp" />
  <wsdl:operation name="GetGroups">
    <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IUserMonitorWorker/GetGroups
" style="document" />
    <wsdl:input>
      <wsp:PolicyReference URI="#NetTcpBinding_IUserMonitorWorker_GetGroups_Input_policy">
        </wsp:PolicyReference>
      <soap12:body use="literal" />
    </wsdl:input>
    <wsdl:output>
      <wsp:PolicyReference URI="#NetTcpBinding_IUserMonitorWorker_GetGroups_output_policy">
        </wsp:PolicyReference>
      <soap12:body use="literal" />
    </wsdl:output>
  </wsdl:operation>
</wsdl:binding>
<wsdl:service name="UserMonitorTS">
  <wsdl:port name="NetTcpBinding_IUserMonitorWorker"
binding="tns:NetTcpBinding_IUserMonitorWorker">
    <soap12:address location="net.tcp://localhost:13279/UserMonitorTS" />

```

```

    <wsa10:EndpointReference>
      <wsa10:Address>net.tcp://localhost:13279/UserMonitorTS</wsa10:Address>
      <Identity xmlns="http://schemas.xmlsoap.org/ws/2006/02/addressingidentity">
        <Upn>###USER###@###DOMAIN###</Upn>
      </Identity>
    </wsa10:EndpointReference>
  </wsdl:port>
</wsdl:service>
</wsdl:definitions>

```

6.8 UserStoreManagerTSWorker Web Service WSDL

```

<?xml version="1.0" encoding="utf-8"?>
<wsdl:definitions xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"
xmlns:wsa10="http://www.w3.org/2005/08/addressing"
xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wssu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/" name="UserStoreManagerTSWorker"
targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsp:Policy wsu:Id="NetTcpBinding_IUserStoreManagerWorker_policy">
    <wsp:ExactlyOne>
      <wsp:All>
        <wsrm:RMAssertion xmlns:wsrm="http://schemas.xmlsoap.org/ws/2005/02/rm/policy">
          <wsrm:InactivityTimeout Milliseconds="1800000">
            </wsrm:InactivityTimeout>
          <wsrm:AcknowledgementInterval Milliseconds="200">
            </wsrm:AcknowledgementInterval>
          </wsrm:RMAssertion>
        <sp:SymmetricBinding xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
          <wsp:Policy>
            <sp:ProtectionToken>
              <wsp:Policy>
                <sp:SecureConversationToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRecipient">
                  <wsp:Policy>
                    <sp:RequireDerivedKeys>
                      </sp:RequireDerivedKeys>
                    <sp:BootstrapPolicy>
                      <wsp:Policy>
                        <sp:SignedParts>
                          <sp:Body>
                            </sp:Body>
                          <sp:Header Name="To"
Namespace="http://www.w3.org/2005/08/addressing">
                            </sp:Header>
                          <sp:Header Name="From"
Namespace="http://www.w3.org/2005/08/addressing">
                            </sp:Header>
                          <sp:Header Name="FaultTo"
Namespace="http://www.w3.org/2005/08/addressing">
                            </sp:Header>
                          <sp:Header Name="ReplyTo"
Namespace="http://www.w3.org/2005/08/addressing">
                            </sp:Header>
                        </sp:SignedParts>
                      </wsp:Policy>
                    </sp:BootstrapPolicy>
                  </wsp:Policy>
                </sp:SecureConversationToken>
              </wsp:Policy>
            </sp:ProtectionToken>
          </wsp:Policy>
        </sp:SymmetricBinding>
      </wsp:All>
    </wsp:ExactlyOne>
  </wsp:Policy>

```

```

        <sp:Header Name="MessageID"
Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="RelatesTo"
Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
        <sp:Header Name="Action"
Namespace="http://www.w3.org/2005/08/addressing">
        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts>
    <sp:Body>
    </sp:Body>
    </sp:EncryptedParts>
    <sp:SymmetricBinding>
    <wsp:Policy>
        <sp:ProtectionToken>
        <wsp:Policy>
            <sp:SpnegoContextToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
                <wsp:Policy>
                    <sp:RequireDerivedKeys>
                    </sp:RequireDerivedKeys>
                </wsp:Policy>
            </sp:SpnegoContextToken>
        </wsp:Policy>
    </sp:ProtectionToken>
    <sp:AlgorithmSuite>
    <wsp:Policy>
        <sp:Basic256>
        </sp:Basic256>
    </wsp:Policy>
    </sp:AlgorithmSuite>
    <sp:Layout>
    <wsp:Policy>
        <sp:Strict>
        </sp:Strict>
    </wsp:Policy>
    </sp:Layout>
    <sp:IncludeTimestamp>
    </sp:IncludeTimestamp>
    <sp:EncryptSignature>
    </sp:EncryptSignature>
    <sp:OnlySignEntireHeadersAndBody>
    </sp:OnlySignEntireHeadersAndBody>
    </wsp:Policy>
    </sp:SymmetricBinding>
    <sp:Wss11>
    <wsp:Policy>
        <sp:MustSupportRefKeyIdentifier>
        </sp:MustSupportRefKeyIdentifier>
        <sp:MustSupportRefIssuerSerial>
        </sp:MustSupportRefIssuerSerial>
        <sp:MustSupportRefThumbprint>
        </sp:MustSupportRefThumbprint>
        <sp:MustSupportRefEncryptedKey>
        </sp:MustSupportRefEncryptedKey>
    </wsp:Policy>

```



```

        </sp:Wss11>
        <sp:Trust10>
            <wsp:Policy>
                <sp:MustSupportIssuedTokens>
                </sp:MustSupportIssuedTokens>
                <sp:RequireClientEntropy>
                </sp:RequireClientEntropy>
                <sp:RequireServerEntropy>
                </sp:RequireServerEntropy>
            </wsp:Policy>
        </sp:Trust10>
    </wsp:Policy>
</sp:BootstrapPolicy>
</wsp:Policy>
</sp:SecureConversationToken>
</wsp:Policy>
</sp:ProtectionToken>
<sp:AlgorithmSuite>
    <wsp:Policy>
        <sp:Basic256>
        </sp:Basic256>
    </wsp:Policy>
</sp:AlgorithmSuite>
<sp:Layout>
    <wsp:Policy>
        <sp:Strict>
        </sp:Strict>
    </wsp:Policy>
</sp:Layout>
<sp:IncludeTimestamp>
</sp:IncludeTimestamp>
<sp:EncryptSignature>
</sp:EncryptSignature>
<sp:OnlySignEntireHeadersAndBody>
</sp:OnlySignEntireHeadersAndBody>
</wsp:Policy>
</sp:SymmetricBinding>
<sp:Wss11 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <wsp:Policy>
        <sp:MustSupportRefKeyIdentifier>
        </sp:MustSupportRefKeyIdentifier>
        <sp:MustSupportRefIssuerSerial>
        </sp:MustSupportRefIssuerSerial>
        <sp:MustSupportRefThumbprint>
        </sp:MustSupportRefThumbprint>
        <sp:MustSupportRefEncryptedKey>
        </sp:MustSupportRefEncryptedKey>
    </wsp:Policy>
</sp:Wss11>
<sp:Trust10 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <wsp:Policy>
        <sp:MustSupportIssuedTokens>
        </sp:MustSupportIssuedTokens>
        <sp:RequireClientEntropy>
        </sp:RequireClientEntropy>
        <sp:RequireServerEntropy>
        </sp:RequireServerEntropy>
    </wsp:Policy>
</sp:Trust10>

```

```

        <msb:BinaryEncoding
xmlns:msb="http://schemas.microsoft.com/ws/06/2004/mspolicy/netbinary1">
        </msb:BinaryEncoding>
        <wsaw:UsingAddressing>
        </wsaw:UsingAddressing>
    </wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_IUserStoreManagerWorker_TestResolve_Input_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>
            <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">

```

```

        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_IUserStoreManagerWorker_TestResolve_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>
            <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">

```

```

        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsdl:types>
    <xs:schema
xmlns:tns="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.TroubleShooting" xmlns:ser="http://schemas.microsoft.com/2003/10/Serialization/"
elementFormDefault="qualified"
targetNamespace="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.TroubleShooting" xmlns:xs="http://www.w3.org/2001/XMLSchema">
        <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays" />
        <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/" />
        <xs:complexType name="ResolveSummary">
            <xs:sequence>
                <xs:element minOccurs="0" name="ReturnProperties" type="xs:boolean" />
                <xs:element xmlns:q1="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="cachedPrincipals" nillable="true"
type="q1:ArrayOfKeyValueOfstringResolvePrincipalSPVHpMh0" />
                <xs:element minOccurs="0" name="resolveTime" type="ser:duration" />
                <xs:element xmlns:q2="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="resolvedMap" nillable="true"
type="q2:ArrayOfKeyValueOfstringArrayOfstringty7Ep6D1" />
                <xs:element minOccurs="0" name="rounds" nillable="true"
type="tns:ArrayOfResolveRound" />
                <xs:element minOccurs="0" name="securityPrincipalId" nillable="true"
type="xs:string" />
                <xs:element minOccurs="0" name="userStoreId" nillable="true" type="xs:string" />
            </xs:sequence>
        </xs:complexType>
        <xs:element name="ResolveSummary" nillable="true" type="tns:ResolveSummary" />
        <xs:complexType name="ResolvePrincipal">
            <xs:sequence>
                <xs:element minOccurs="0" name="Alias" nillable="true" type="xs:string" />
                <xs:element minOccurs="0" name="Id" nillable="true" type="xs:string" />
                <xs:element minOccurs="0" name="Type" nillable="true" type="xs:string" />
                <xs:element xmlns:q3="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="properties" nillable="true" type="q3:ArrayOfKeyValueOfstringstring" />
            </xs:sequence>
        </xs:complexType>
        <xs:element name="ResolvePrincipal" nillable="true" type="tns:ResolvePrincipal" />
        <xs:complexType name="ArrayOfResolveRound">
            <xs:sequence>
                <xs:element minOccurs="0" maxOccurs="unbounded" name="ResolveRound" nillable="true"
type="tns:ResolveRound" />
            </xs:sequence>
        </xs:complexType>
        <xs:element name="ArrayOfResolveRound" nillable="true" type="tns:ArrayOfResolveRound"
/>
        <xs:complexType name="ResolveRound">
            <xs:sequence>
                <xs:element minOccurs="0" name="MapToUserStoreId" nillable="true" type="xs:string"
/>
                <xs:element minOccurs="0" name="RoundId" type="xs:int" />
                <xs:element minOccurs="0" name="expandTime" type="ser:duration" />
            </xs:sequence>
        </xs:complexType>
    </xs:schema>

```

```

        <xs:element xmlns:q4="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="expandedPrincipals" nillable="true" type="q4:ArrayOfstring" />
        <xs:element minOccurs="0" name="hasUserMonitor" type="xs:boolean" />
        <xs:element xmlns:q5="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="inputPrincipals" nillable="true" type="q5:ArrayOfstring" />
        <xs:element xmlns:q6="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="newPrincipals" nillable="true" type="q6:ArrayOfstring" />
        <xs:element minOccurs="0" name="resolveAliasers" nillable="true"
type="tns:ArrayOfResolveAliaser" />
        <xs:element minOccurs="0" name="resolveTime" type="ser:duration" />
    </xs:sequence>
</xs:complexType>
<xs:element name="ResolveRound" nillable="true" type="tns:ResolveRound" />
<xs:complexType name="ArrayOfResolveAliaser">
    <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded" name="ResolveAliaser"
nillable="true" type="tns:ResolveAliaser" />
    </xs:sequence>
</xs:complexType>
<xs:element name="ArrayOfResolveAliaser" nillable="true"
type="tns:ArrayOfResolveAliaser" />
<xs:complexType name="ResolveAliaser">
    <xs:sequence>
        <xs:element minOccurs="0" name="id" nillable="true" type="xs:string" />
        <xs:element minOccurs="0" name="inputUserStoreId" nillable="true" type="xs:string"
/>
        <xs:element xmlns:q7="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="outputPrincipals" nillable="true" type="q7:ArrayOfstring" />
        <xs:element minOccurs="0" name="outputUserStoreId" nillable="true" type="xs:string"
/>
        <xs:element minOccurs="0" name="resolveTime" type="ser:duration" />
    </xs:sequence>
</xs:complexType>
<xs:element name="ResolveAliaser" nillable="true" type="tns:ResolveAliaser" />
</xs:schema>
<xs:schema xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
elementFormDefault="qualified"
targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
    <xs:import
namespace="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Secur
ity.TroubleShooting" />
    <xs:element name="TestResolve">
        <xs:complexType>
            <xs:sequence>
                <xs:element minOccurs="0" name="domainId" nillable="true" type="xs:string" />
                <xs:element minOccurs="0" name="securityEntityId" nillable="true"
type="xs:string" />
                <xs:element minOccurs="0" name="returnProperties" type="xs:boolean" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="TestResolveResponse">
        <xs:complexType>
            <xs:sequence>
                <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Securi
ty.TroubleShooting" minOccurs="0" name="TestResolveResult" nillable="true"
type="q1:ResolveSummary" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

```

    </xs:element>
  </xs:schema>
  <xs:schema xmlns:tns="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:import
      namespace="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.TroubleShooting" />
    <xs:complexType name="ArrayOfKeyValueOfstringResolvePrincipalSPVHpMhO">
      <xs:annotation>
        <xs:appinfo>
          <IsDictionary
            xmlns="http://schemas.microsoft.com/2003/10/Serialization/">true</IsDictionary>
          </xs:appinfo>
        </xs:annotation>
        <xs:sequence>
          <xs:element minOccurs="0" maxOccurs="unbounded"
            name="KeyValueOfstringResolvePrincipalSPVHpMhO">
            <xs:complexType>
              <xs:sequence>
                <xs:element name="Key" nillable="true" type="xs:string" />
                <xs:element
                  xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.TroubleShooting" name="Value" nillable="true" type="q1:ResolvePrincipal" />
                </xs:sequence>
              </xs:complexType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="ArrayOfKeyValueOfstringResolvePrincipalSPVHpMhO" nillable="true"
    type="tns:ArrayOfKeyValueOfstringResolvePrincipalSPVHpMhO" />
  <xs:complexType name="ArrayOfKeyValueOfstringstring">
    <xs:annotation>
      <xs:appinfo>
        <IsDictionary
          xmlns="http://schemas.microsoft.com/2003/10/Serialization/">true</IsDictionary>
        </xs:appinfo>
      </xs:annotation>
      <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="tns:ArrayOfKeyValueOfstringstring" />
  <xs:complexType name="ArrayOfKeyValueOfstringArrayOfstringty7Ep6D1">
    <xs:annotation>
      <xs:appinfo>
        <IsDictionary
          xmlns="http://schemas.microsoft.com/2003/10/Serialization/">true</IsDictionary>
        </xs:appinfo>
      </xs:annotation>
      <xs:sequence>

```

```

        <xs:element minOccurs="0" maxOccurs="unbounded"
name="KeyValueOfstringArrayOfstringty7Ep6D1">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Key" nillable="true" type="xs:string" />
            <xs:element name="Value" nillable="true" type="tns:ArrayOfstring" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="ArrayOfKeyValueOfstringArrayOfstringty7Ep6D1" nillable="true"
type="tns:ArrayOfKeyValueOfstringArrayOfstringty7Ep6D1" />
    <xs:complexType name="ArrayOfstring">
        <xs:sequence>
            <xs:element minOccurs="0" maxOccurs="unbounded" name="string" nillable="true"
type="xs:string" />
        </xs:sequence>
    </xs:complexType>
    <xs:element name="ArrayOfstring" nillable="true" type="tns:ArrayOfstring" />
</xs:schema>
<xs:schema xmlns:tns="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="tns:char" />
    <xs:simpleType name="char">
        <xs:restriction base="xs:int" />
    </xs:simpleType>
    <xs:element name="duration" nillable="true" type="tns: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="tns: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>
</wsdl:types>
<wsdl:message name="IUserStoreManagerWorker_TestResolve_InputMessage">
    <wsdl:part name="parameters" element="tns:TestResolve" />
</wsdl:message>
<wsdl:message name="IUserStoreManagerWorker_TestResolve_OutputMessage">
    <wsdl:part name="parameters" element="tns:TestResolveResponse" />
</wsdl:message>
<wsdl:portType msc:usingSession="true" name="IUserStoreManagerWorker">
    <wsdl:operation msc:isInitiating="true" msc:isTerminating="false" name="TestResolve">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IUserStoreManagerWorker/TestResolve" message="tns:IUserStoreManagerWorker_TestResolve_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IUserStoreManagerWorker/TestResolveResponse" message="tns:IUserStoreManagerWorker_TestResolve_OutputMessage" />
    </wsdl:operation>
</wsdl:portType>
<wsdl:binding name="NetTcpBinding_IUserStoreManagerWorker"
type="tns:IUserStoreManagerWorker">
    <wsp:PolicyReference URI="#NetTcpBinding_IUserStoreManagerWorker_policy">
    </wsp:PolicyReference>
    <soap12:binding transport="http://schemas.microsoft.com/soap/tcp" />
    <wsdl:operation name="TestResolve">
        <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IUserStoreManagerWorker/TestResolve" style="document" />
        <wsdl:input>
            <wsp:PolicyReference
URI="#NetTcpBinding_IUserStoreManagerWorker_TestResolve_Input_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <wsp:PolicyReference
URI="#NetTcpBinding_IUserStoreManagerWorker_TestResolve_output_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
</wsdl:binding>
<wsdl:service name="UserStoreManagerTSWorker">
    <wsdl:port name="NetTcpBinding_IUserStoreManagerWorker"
binding="tns:NetTcpBinding_IUserStoreManagerWorker">
        <soap12:address location="net.tcp://localhost:13279/UserStoreManagerTSWorker" />
        <wsa10:EndpointReference>
            <wsa10:Address>net.tcp://localhost:13279/UserStoreManagerTSWorker</wsa10:Address>
            <Identity xmlns="http://schemas.xmlsoap.org/ws/2006/02/addressingidentity">
                <Upn>###USER###@###DOMAIN###</Upn>
            </Identity>
        </wsa10:EndpointReference>
    </wsdl:port>
</wsdl:service>

```


</wsdl:definitions>

6.9 XMLAliaserTSWorker Web Service WSDL

```
<?xml version="1.0" encoding="utf-8"?>
<wsdl:definitions xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"
xmlns:wsa10="http://www.w3.org/2005/08/addressing"
xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd" xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/" name="XMLAliaserTSWorker"
targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsp:Policy wsu:Id="NetTcpBinding_IXMLAliaserWorker_policy">
    <wsp:ExactlyOne>
      <wsp:All>
        <wsrm:RMAssertion xmlns:wsrm="http://schemas.xmlsoap.org/ws/2005/02/rm/policy">
          <wsrm:InactivityTimeout Milliseconds="1800000">
            </wsrm:InactivityTimeout>
          <wsrm:AcknowledgementInterval Milliseconds="200">
            </wsrm:AcknowledgementInterval>
          </wsrm:RMAssertion>
          <sp:SymmetricBinding xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
            <wsp:Policy>
              <sp:ProtectionToken>
                <wsp:Policy>
                  <sp:SecureConversationToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
                    <wsp:Policy>
                      <sp:RequireDerivedKeys>
                        </sp:RequireDerivedKeys>
                      <sp:BootstrapPolicy>
                        <wsp:Policy>
                          <sp:SignedParts>
                            <sp:Body>
                              </sp:Body>
                            <sp:Header Name="To"
Namespace="http://www.w3.org/2005/08/addressing">
                              </sp:Header>
                            <sp:Header Name="From"
Namespace="http://www.w3.org/2005/08/addressing">
                              </sp:Header>
                            <sp:Header Name="FaultTo"
Namespace="http://www.w3.org/2005/08/addressing">
                              </sp:Header>
                            <sp:Header Name="ReplyTo"
Namespace="http://www.w3.org/2005/08/addressing">
                              </sp:Header>
                            <sp:Header Name="MessageID"
Namespace="http://www.w3.org/2005/08/addressing">
                              </sp:Header>
                            <sp:Header Name="RelatesTo"
Namespace="http://www.w3.org/2005/08/addressing">
                              </sp:Header>
                            <sp:Header Name="Action"
Namespace="http://www.w3.org/2005/08/addressing">

```

```

        </sp:Header>
    </sp:SignedParts>
    <sp:EncryptedParts>
        <sp:Body>
        </sp:Body>
    </sp:EncryptedParts>
    <sp:SymmetricBinding>
        <wsp:Policy>
            <sp:ProtectionToken>
                <wsp:Policy>
                    <sp:SpnegoContextToken
sp:IncludeToken="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/AlwaysToRe
cipient">
                        <wsp:Policy>
                            <sp:RequireDerivedKeys>
                            </sp:RequireDerivedKeys>
                        </wsp:Policy>
                    </sp:SpnegoContextToken>
                </wsp:Policy>
            </sp:ProtectionToken>
            <sp:AlgorithmSuite>
                <wsp:Policy>
                    <sp:Basic256>
                    </sp:Basic256>
                </wsp:Policy>
            </sp:AlgorithmSuite>
            <sp:Layout>
                <wsp:Policy>
                    <sp:Strict>
                    </sp:Strict>
                </wsp:Policy>
            </sp:Layout>
            <sp:IncludeTimestamp>
            </sp:IncludeTimestamp>
            <sp:EncryptSignature>
            </sp:EncryptSignature>
            <sp:OnlySignEntireHeadersAndBody>
            </sp:OnlySignEntireHeadersAndBody>
        </wsp:Policy>
    </sp:SymmetricBinding>
    <sp:Wss11>
        <wsp:Policy>
            <sp:MustSupportRefKeyIdentifier>
            </sp:MustSupportRefKeyIdentifier>
            <sp:MustSupportRefIssuerSerial>
            </sp:MustSupportRefIssuerSerial>
            <sp:MustSupportRefThumbprint>
            </sp:MustSupportRefThumbprint>
            <sp:MustSupportRefEncryptedKey>
            </sp:MustSupportRefEncryptedKey>
        </wsp:Policy>
    </sp:Wss11>
    <sp:Trust10>
        <wsp:Policy>
            <sp:MustSupportIssuedTokens>
            </sp:MustSupportIssuedTokens>
            <sp:RequireClientEntropy>
            </sp:RequireClientEntropy>
            <sp:RequireServerEntropy>

```

```

        </sp:RequireServerEntropy>
    </wsp:Policy>
</sp:Trust10>
</wsp:Policy>
</sp:BootstrapPolicy>
</wsp:Policy>
</sp:SecureConversationToken>
</wsp:Policy>
</sp:ProtectionToken>
<sp:AlgorithmSuite>
    <wsp:Policy>
        <sp:Basic256>
        </sp:Basic256>
    </wsp:Policy>
</sp:AlgorithmSuite>
<sp:Layout>
    <wsp:Policy>
        <sp:Strict>
        </sp:Strict>
    </wsp:Policy>
</sp:Layout>
<sp:IncludeTimestamp>
</sp:IncludeTimestamp>
<sp:EncryptSignature>
</sp:EncryptSignature>
<sp:OnlySignEntireHeadersAndBody>
</sp:OnlySignEntireHeadersAndBody>
</wsp:Policy>
</sp:SymmetricBinding>
<sp:Wss11 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <wsp:Policy>
        <sp:MustSupportRefKeyIdentifier>
        </sp:MustSupportRefKeyIdentifier>
        <sp:MustSupportRefIssuerSerial>
        </sp:MustSupportRefIssuerSerial>
        <sp:MustSupportRefThumbprint>
        </sp:MustSupportRefThumbprint>
        <sp:MustSupportRefEncryptedKey>
        </sp:MustSupportRefEncryptedKey>
    </wsp:Policy>
</sp:Wss11>
<sp:Trust10 xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
    <wsp:Policy>
        <sp:MustSupportIssuedTokens>
        </sp:MustSupportIssuedTokens>
        <sp:RequireClientEntropy>
        </sp:RequireClientEntropy>
        <sp:RequireServerEntropy>
        </sp:RequireServerEntropy>
    </wsp:Policy>
</sp:Trust10>
    <msb:BinaryEncoding
xmlns:msb="http://schemas.microsoft.com/ws/06/2004/mspolicy/netbinary1">
    </msb:BinaryEncoding>
    <wsaw:UsingAddressing>
    </wsaw:UsingAddressing>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>

```

```

<wsp:Policy wsu:Id="NetTcpBinding_IXMLAliaserWorker_SwapXmlMappingFile_policy">
  <wsp:ExactlyOne>
    <wsp:All>
      <oletx:OleTxAssertion xmlns:oletx="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
        </oletx:OleTxAssertion>
      </wsp:All>
    </wsp:ExactlyOne>
  </wsp:Policy>
  <wsp:Policy wsu:Id="NetTcpBinding_IXMLAliaserWorker_SwapXmlMappingFile_Input_policy">
    <wsp:ExactlyOne>
      <wsp:All>
        <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
          <sp:Body>
            </sp:Body>
            <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
              </sp:Header>
              <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                  </sp:Header>
                  <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                    </sp:Header>
                    <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                      </sp:Header>
                      <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                        </sp:Header>
                        <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                          </sp:Header>
                          <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                            </sp:Header>
                            <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                              </sp:Header>
                              <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                                </sp:Header>
                                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                                  </sp:Header>
                                  <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                                    </sp:Header>
                                    <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                                      </sp:Header>
                                      <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                                        </sp:Header>
                                      </sp:SignedParts>
                                    <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                                      <sp:Body>
                                        </sp:Body>
                                        <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                                          </sp:Header>
                                          <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                                            </sp:Header>
                                            <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                                              </sp:Header>

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```

        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="NetTcpBinding_IXMLAliaserWorker_SwapXmlMappingFile_output_policy">
    <wsp:ExactlyOne>
        <wsp:All>
            <sp:SignedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">
                </sp:Header>
                <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
                </sp:Header>
                <sp:Header Name="Sequence" Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="SequenceAcknowledgement"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="AckRequested"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/rm">
                </sp:Header>
                <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
                <sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing">
                </sp:Header>
            </sp:SignedParts>
            <sp:EncryptedParts xmlns:sp="http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
                <sp:Body>
                </sp:Body>
                <sp:Header Name="CoordinationContext"
Namespace="http://schemas.xmlsoap.org/ws/2004/10/wscoor">
                </sp:Header>
                <sp:Header Name="CoordinationContext" Namespace="http://docs.oasis-open.org/ws-
tx/wscoor/2006/06">
                </sp:Header>
                <sp:Header Name="OleTxTransaction"
Namespace="http://schemas.microsoft.com/ws/2006/02/tx/oletx">

```

```

        </sp:Header>
        <sp:Header Name="IssuedTokens"
Namespace="http://schemas.xmlsoap.org/ws/2005/02/trust">
        </sp:Header>
    </sp:EncryptedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsdl:types>
    <xs:schema
xmlns:tns="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Config" elementFormDefault="qualified"
targetNamespace="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Config" xmlns:xs="http://www.w3.org/2001/XMLSchema">
        <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays" />
        <xs:complexType name="ConfigChangeStatus">
            <xs:sequence>
                <xs:element xmlns:q1="http://schemas.microsoft.com/2003/10/Serialization/Arrays"
minOccurs="0" name="messages" nillable="true" type="q1:ArrayOfstring" />
                <xs:element minOccurs="0" name="success" type="xs:boolean" />
            </xs:sequence>
        </xs:complexType>
        <xs:element name="ConfigChangeStatus" nillable="true" type="tns:ConfigChangeStatus" />
    </xs:schema>
    <xs:schema xmlns:tns="http://Microsoft.SharePoint.Search.Extended.Security"
elementFormDefault="qualified"
targetNamespace="http://Microsoft.SharePoint.Search.Extended.Security"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
        <xs:import
namespace="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Config" />
        <xs:element name="SwapXmlMappingFile">
            <xs:complexType>
                <xs:sequence>
                    <xs:element minOccurs="0" name="principalAliasId" nillable="true"
type="xs:string" />
                    <xs:element minOccurs="0" name="xmlMappingFileId" nillable="true"
type="xs:string" />
                    <xs:element minOccurs="0" name="aliaserConfigFileId" nillable="true"
type="xs:string" />
                    <xs:element minOccurs="0" name="mappingFileName" nillable="true" type="xs:string"
/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="SwapXmlMappingFileResponse">
            <xs:complexType>
                <xs:sequence>
                    <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.SharePoint.Search.Extended.Security.Config" minOccurs="0" name="SwapXmlMappingFileResult" nillable="true"
type="q1:ConfigChangeStatus" />
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    </xs:schema>
    <xs:schema xmlns:tns="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="ArrayOfstring">

```

```

        <xs:sequence>
            <xs:element minOccurs="0" maxOccurs="unbounded" name="string" nillable="true"
type="xs:string" />
        </xs:sequence>
    </xs:complexType>
    <xs:element name="ArrayOfstring" nillable="true" type="tns:ArrayOfstring" />
</xs:schema>
<xs:schema xmlns:tns="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="tns:char" />
    <xs:simpleType name="char">
        <xs:restriction base="xs:int" />
    </xs:simpleType>
    <xs:element name="duration" nillable="true" type="tns: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="tns: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>
</wsdl:types>
<wsdl:message name="IXMLAliaserWorker_SwapXmlMappingFile_InputMessage">
    <wsdl:part name="parameters" element="tns:SwapXmlMappingFile" />
</wsdl:message>
<wsdl:message name="IXMLAliaserWorker_SwapXmlMappingFile_OutputMessage">
    <wsdl:part name="parameters" element="tns:SwapXmlMappingFileResponse" />
</wsdl:message>

```

```

    <wsdl:portType msc:usingSession="true" name="IXMLAliaserWorker">
      <wsdl:operation msc:isInitiating="true" msc:isTerminating="false"
name="SwapXmlMappingFile">
        <wsdl:input
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IXMLAliaserWorker/SwapXmlMa
ppingFile" message="tns:IXMLAliaserWorker_SwapXmlMappingFile_InputMessage" />
        <wsdl:output
wsaw:Action="http://Microsoft.SharePoint.Search.Extended.Security/IXMLAliaserWorker/SwapXmlMa
ppingFileResponse" message="tns:IXMLAliaserWorker_SwapXmlMappingFile_OutputMessage" />
        </wsdl:operation>
      </wsdl:portType>
      <wsdl:binding name="NetTcpBinding_IXMLAliaserWorker" type="tns:IXMLAliaserWorker">
        <wsp:PolicyReference URI="#NetTcpBinding_IXMLAliaserWorker_policy">
        </wsp:PolicyReference>
        <soap12:binding transport="http://schemas.microsoft.com/soap/tcp" />
        <wsdl:operation name="SwapXmlMappingFile">
          <wsp:PolicyReference URI="#NetTcpBinding_IXMLAliaserWorker_SwapXmlMappingFile_policy">
          </wsp:PolicyReference>
          <soap12:operation
soapAction="http://Microsoft.SharePoint.Search.Extended.Security/IXMLAliaserWorker/SwapXmlMap
pingFile" style="document" />
          <wsdl:input>
            <wsp:PolicyReference
URI="#NetTcpBinding_IXMLAliaserWorker_SwapXmlMappingFile_Input_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
          </wsdl:input>
          <wsdl:output>
            <wsp:PolicyReference
URI="#NetTcpBinding_IXMLAliaserWorker_SwapXmlMappingFile_output_policy">
            </wsp:PolicyReference>
            <soap12:body use="literal" />
          </wsdl:output>
        </wsdl:operation>
      </wsdl:binding>
      <wsdl:service name="XMLAliaserTSWorker">
        <wsdl:port name="NetTcpBinding_IXMLAliaserWorker"
binding="tns:NetTcpBinding_IXMLAliaserWorker">
          <soap12:address location="net.tcp://localhost:13279/XMLAliaserTSWorker" />
          <wsa10:EndpointReference>
            <wsa10:Address>net.tcp://localhost:13279/XMLAliaserTSWorker</wsa10:Address>
            <Identity xmlns="http://schemas.xmlsoap.org/ws/2006/02/addressingidentity">
              <Upn>###USER###@###DOMAIN###</Upn>
            </Identity>
          </wsa10:EndpointReference>
        </wsdl:port>
      </wsdl:service>
    </wsdl:definitions>

```


7 Appendix B: 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® FAST™ Search Server 2010

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.

8 Change Tracking

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

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