[MS-SSWPS]:
Secure Store Web Service Protocol Specification

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Revision Summary

Date	Revision History	Revision Class	Comments
07/13/2009	0.1	Major	Initial Availability
08/28/2009	0.2	Editorial	Revised and edited the technical content
11/06/2009	0.3	Editorial	Revised and edited the technical content
02/19/2010	1.0	Major	Updated and revised the technical content
03/31/2010	1.01	Editorial	Revised and edited the technical content
04/30/2010	1.02	Editorial	Revised and edited the technical content
06/07/2010	1.03	Editorial	Revised and edited the technical content
06/29/2010	1.04	Editorial	Changed language and formatting in the technical content.
07/23/2010	1.04	No change	No changes to the meaning, language, or formatting of the technical content.
09/27/2010	1.04	No change	No changes to the meaning, language, or formatting of the technical content.
11/15/2010	1.04	No change	No changes to the meaning, language, or formatting of the technical content.
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1   Introduction

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

1.1   Glossary

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

base64
checksum
credential
globally unique identifier (GUID)
Hypertext Transfer Protocol (HTTP)
Hypertext Transfer Protocol over Secure Sockets Layer (HTTPS)
salt
Transmission Control Protocol (TCP)

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

application server
claim
claim issuer
claim type
claim value
endpoint
group target application
individual target application
line-of-business (LOB) system
master secret key
Secure Store Service (SSS)
Secure Store Service (SSS) store
Secure Store Service (SSS) ticket
Secure Store Service (SSS) user
security principal
SOAP (Simple Object Access Protocol)
SOAP action
SOAP body
SOAP fault
target application
target application field
URI (Uniform Resource Identifier)
URL (Uniform Resource Locator)
WSDL (Web Services Description Language)
WSDL operation
XML namespace
XML namespace prefix
XML Schema

The following terms are specific to this document:

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

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.

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[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

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[WSA1.0 SOAP Binding] Gudgin, M., Ed., Hadley, M., Ed., and Rogers, T., Ed., "Web Services Addressing 1.0 - SOAP Binding", W3C Recommendation 9 May 2006, http://www.w3.org/TR/2006/REC-ws-addr-soap-20060509/ws-addr-soap.pdf

[WSA1.0] World Wide Web Consortium, "Web Services Addressing 1.0 - WSDL Binding", 29 May 2006, http://www.w3.org/TR/ws-addr-wsdl/

[WSAddressing] Box, D., Christensen, E., Ferguson, D., et al., "Web Services Addressing (WS-Addressing)", August 2004, http://www.w3.org/Submission/ws-addressing/

If you have any trouble finding [WSAddressing], please check here.

[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

[WS-MetaDataExchange] Ballinger, K. et al., "Web Services Metadata Exchange (WS-MetadataExchange) Version 1.1", August 2006, http://specs.xmlsoap.org/ws/2004/09/mex/WS-MetadataExchange.pdf

[WS-Policy] Siddharth, B., Box, D., Chappell, D., et al., "Web Services Policy 1.2 - Framework (WS-Policy)", April 2006, http://www.w3.org/Submission/2006/SUBM-WS-Policy-20060425/

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[XMLNS] World Wide Web Consortium, "Namespaces in XML 1.0 (Third Edition)", W3C Recommendation 8 December 2009, http://www.w3.org/TR/REC-xml-names/

[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

[MC-NMF] Microsoft Corporation, ".NET Message Framing Protocol Specification", October 2007.

[MS-GLOS] Microsoft Corporation, "Windows Protocols Master Glossary", March 2007.

[MS-OFCGLOS] Microsoft Corporation, "Microsoft Office Master Glossary", June 2008.

[MS-SPSTWS] Microsoft Corporation, "SharePoint Security Token Service Web Service Protocol Specification", July 2009.

[MS-SPTWS] Microsoft Corporation, "Service Platform Topology Web Service Protocol Specification", July 2009.

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

1.3 Protocol Overview (Synopsis)

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

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

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

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

This protocol allows protocol clients to create, read, update and delete target application definitions in an **application server**. It allows a protocol client to create, read, update and delete the credentials associated with each target application. Additionally, it allows a protocol client to create

an **SSS ticket** that encapsulates the identity of a user of the protocol client into a token that may be later redeemed by a different user of the protocol client to retrieve credentials on behalf of the initial user. Finally it allows the maintenance of an audit trail of the operations performed by protocol clients. The information handled and returned by the protocol client can contain highly sensitive information so consumers of the protocol client need to secure the channel of communication and this data appropriately.

1.4   Relationship to Other Protocols

This protocol uses the **SOAP** message protocol for formatting request and response messages, as described in [SOAP1.1], [SOAP1.2/1] and [SOAP1.2/2]. It transmits those messages by using **HTTP**, as described in [RFC2616], **HTTPS**, as described in [RFC2818], or **TCP**, as described in [MC-NMF].

The following diagram shows the underlying messaging and transport stack that the protocol uses:
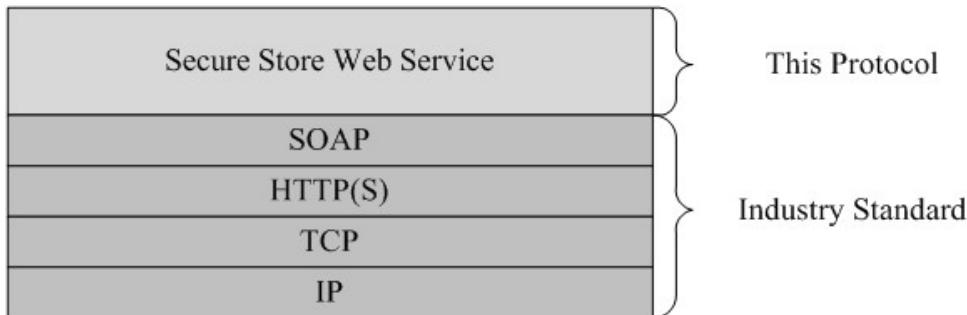
Figure 1: This protocol in relation to other protocols

1.5   Prerequisites/Preconditions

This protocol operates against a protocol server that exposes one or more **endpoint (4) URIs** that are known by protocol clients. The endpoint (4) URI of the protocol server and the transport that is used by the protocol server are either known by the protocol client or obtained by using the discovery mechanism that is described in [MS-SPTWS].

The protocol client obtains the requisite ApplicationClassId and ApplicationVersion values and the endpoint (4) URI of the protocol server that provides the discovery mechanism, as described in [MS-SPTWS], by means that are independent of either protocol.

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

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

1.6   Applicability Statement

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

The information handled and returned by the protocol client can contain highly sensitive information, so the protocol client needs to be consumed in an environment that is appropriately secured.

1.7 Versioning and Capability Negotiation

This document covers versioning issues in the following areas:

- **Supported Transports**: This protocol can be implemented by using transports that support sending SOAP messages, as specified in section 2.1.

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

Capability Negotiation: This protocol does not support version negotiation.

1.8 Vendor-Extensible Fields

None.

1.9 Standards Assignments

None.

2 Messages

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

2.1 Transport

Protocol servers MUST support SOAP over either HTTP or HTTPS.

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

Protocol messages MUST be formatted as specified either in [SOAP1.1] (Section 4, SOAP Envelope) or in [SOAP1.2/1] (Section 5, SOAP Message Construct). Protocol server faults MUST be returned either using HTTP status codes as specified in [RFC2616] (Section 10, Status Code Definitions) or using **SOAP faults** as specified either in [SOAP1.1] (Section 4.4, SOAP Fault) or in [SOAP1.2/1] (Section 5.4, SOAP Fault).

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

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

2.2 Common Message Syntax

This section contains common structures used by this protocol. The syntax of the structures uses **XML Schema** as defined in [XMLSCHEMA1] and [XMLSCHEMA2], and Web Services Description Language as defined in [WSDL].

2.2.1 Namespaces

This protocol specifies and references **XML namespaces** using the mechanisms specified in [XMLNS]. Although this document associates an **XML namespace prefix** for each XML namespace that is used, the choice of any particular XML namespace prefix is implementation-specific.

Prefix	Namespace URI	Reference
(none)	http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/	
q<#>	(q1-q60 are defined inline in the schema, and do not have consistent global meanings. The corresponding namespace must be determined from the context.)	
xsd	http://www.w3.org/2001/XMLSchema	[XMLSCHEMA1] [XMLSCHEMA2]
ser	http://schemas.microsoft.com/2003/10/Serialization/	

Prefix	Namespace URI	Reference
wsa10	http://www.w3.org/2005/08/addressing	[WSA1.0]
tns	(tns is defined inline in the schema, and does not have consistent global meanings. The corresponding namespace must be determined from the context.)	
wsap	http://schemas.xmlsoap.org/ws/2004/08/addressing/policy	[WSAddressing] [WSA1.0] [WSA1.0 SOAP Binding]
xs	http://www.w3.org/2001/XMLSchema	[XMLSCHEMA1] [XMLSCHEMA2]
wsam	http://www.w3.org/2007/05/addressing/metadata	[WSA1.0 Metadata]
soap	http://schemas.xmlsoap.org/wsdl/soap/	[SOAP1.1]
soap12	http://schemas.xmlsoap.org/wsdl/soap12/	[SOAP1.2/1] [SOAP1.2/2]
soapenc	http://schemas.xmlsoap.org/soap/encoding/	[SOAP1.2/1] [SOAP1.2/2]
wsa	http://schemas.xmlsoap.org/ws/2004/08/addressing	[WSAddressing]
wsaw	http://www.w3.org/2006/05/addressing/wsdl	[WSA1.0]
wsdl	http://schemas.xmlsoap.org/wsdl/	[WSDL]
wsx	http://schemas.xmlsoap.org/ws/2004/09/mex	[WS-MetaDataExchange]
wsu	http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd	[WSSE 1.0]
wsp	http://www.w3.org/ns/ws-policy	[WS-Policy]

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
ArrayOfSecureStoreServiceClaim	An array of elements with type

Complex Type	Description
	SecureStoreServiceClaim.
ArgumentException	Contains information about a protocol-server-side error because of an argument with an invalid value.
ArgumentNullException	Contains information about a protocol-server-side error because of a NULL value in an argument which does not accept NULL values.
ArgumentOutOfRangeException	Contains information about a protocol-server-side error because of an argument with a value outside the range of permissible values.
ArrayOfSerializableSecureStoreCredential	An array of elements with type SerializableSecureStoreCredential.
ArrayOfTargetApplication	An array of elements with type TargetApplication.
ArrayOfTargetApplicationField	An array of elements with type TargetApplicationField.
Exception	Contains information about a protocol-server-side error.
SecureStoreServiceClaim	Contains information about a **claim (2)**.
SecureStoreServiceCredentialsNotFoundFault	Contains information about a server-side error because no credentials are found in **SSS store**.
SecureStoreServiceFault	Contains information about a server-side error because of a violation of constraints on SSS store.
SecureStoreServiceTargetApplicationNotFoundFault	Contains information about a server-side error because specified target application is not found in SSS store.
SerializableSecureStoreCredential	Contains information about secure store credential.
TargetApplication	Contains information about a target application.
TargetApplicationClaims	Contains information about claims for a target application.
TargetApplicationField	Contains information about a **target application field**.
SystemException	Contains information about a protocol-server-side error because of an attempt to perform an operation that is invalid for the current state of the protocol server.

2.2.4.1   ArrayOfSecureStoreServiceClaim (from namespace http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService. Server)

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

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

SecureStoreServiceClaim: Element specified by <u>SecureStoreServiceClaim</u> complex type.

2.2.4.2   ArrayOfSerializableSecureStoreCredential (from namespace http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService. Server)

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

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

SerializableSecureStoreCredential: Element specified by <u>SerializableSecureStoreCredential</u> complex type. It MUST not be NULL.

2.2.4.3   ArrayOfTargetApplication (from namespace http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService. Server)

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

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

TargetApplication: Element specified by <u>TargetApplication</u> complex type.

2.2.4.4   ArrayOfTargetApplicationField (from namespace http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService. Server)

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

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

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

TargetApplicationField: Element specified by [TargetApplicationField](#) complex type.

2.2.4.5 SecureStoreServiceClaim (from namespace http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService. Server)

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

```
<xs:complexType name="SecureStoreServiceClaim">
  <xs:sequence>
    <xs:element name="claimIssuer" nillable="true" type="xs:string"/>
    <xs:element name="claimType" nillable="true" type="xs:string"/>
    <xs:element name="claimValue" nillable="true" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

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

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

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

2.2.4.6 SecureStoreServiceCredentialsNotFoundFault (from namespace http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService. Server)

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

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

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

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

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

2.2.4.7 SecureStoreServiceFault (from namespace http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server)

An error complex type containing information about a server-side error because of a violation of constraints on SSS store. The complex type MUST only be included as part of a soap fault as specified in section 2.2.9.

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

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

2.2.4.8 SecureStoreServiceTargetApplicationNotFoundFault (from namespace http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server)

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

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

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

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

2.2.4.9 SerializableSecureStoreCredential (from namespace http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server)

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

```
<xs:complexType name="SerializableSecureStoreCredential">
  <xs:sequence>
    <xs:element name="credential" nillable="true" type="xs:base64Binary"/>
    <xs:element
xmlns:q3="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.SecureStore" name="credentialType" type="q3:SecureStoreCredentialType"/>
  </xs:sequence>
</xs:complexType>
```

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

credentialType: Element specified by <u>SecureStoreCredentialType</u> simple type.

2.2.4.10 TargetApplication (from namespace http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService. Server)

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

```
<xs:complexType name="TargetApplication">
  <xs:sequence>
    <xs:element name="appId" nillable="true" type="xs:string"/>
    <xs:element name="contactEmail" nillable="true" type="xs:string"/>
    <xs:element name="credentialManagementUrl" nillable="true" type="xs:anyURI"/>
    <xs:element name="friendlyName" nillable="true" type="xs:string"/>
    <xs:element name="ticketTimeout" type="xs:int"/>
    <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Secur
eStore" name="type" type="q1:TargetApplicationType"/>
  </xs:sequence>
</xs:complexType>
```

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

contactEmail: The e-mail address of an administrator who owns the administration responsibility for this target application. It MUST be NULL or be a valid e-mail address and contain no more than 128 characters, in length.

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

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

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

type: The type of the target application.

2.2.4.11 TargetApplicationClaims (from namespace http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService. Server)

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

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

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

administratorClaims: The set of claims (2) that represent the group of SSS users that are administrators of a target application. It MUST NOT be NULL. It MUST contain more than 0 items.

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

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

2.2.4.12 TargetApplicationField (from namespace http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server)

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

```
  <xs:complexType name="TargetApplicationField">
    <xs:sequence>
      <xs:element
xmlns:q2="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Secur
eStore" name="credentialType" type="q2:SecureStoreCredentialType"/>
      <xs:element name="masked" type="xs:boolean"/>
      <xs:element name="name" nillable="true" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
```

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

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

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

2.2.4.13 ArgumentException (from namespace http://schemas.datacontract.org/2004/07/System)

The **ArgumentException** complex type is an error complex type that contains information about a protocol-server-side error because of an argument with an invalid value. The complex type MUST only be included as part of a SOAP fault as specified in section 2.2.9.

```
  <xs:complexType name="ArgumentException">
    <xs:complexContent mixed="false">
      <xs:extension base="tns:SystemException"/>
    </xs:complexContent>
  </xs:complexType>
```

2.2.4.14 ArgumentNullException (from namespace http://schemas.datacontract.org/2004/07/System)

The **ArgumentNullException** complex type is an error complex type that contains information about a protocol-server-side error because of a NULL value in an argument which does not accept NULL values. The complex type MUST only be included as part of a SOAP fault as specified in section 2.2.9.

```
<xs:complexType name="ArgumentNullException">
  <xs:complexContent mixed="false">
    <xs:extension base="tns:ArgumentException"/>
  </xs:complexContent>
</xs:complexType>
```

2.2.4.15 ArgumentOutOfRangeException (from namespace http://schemas.datacontract.org/2004/07/System)

The **ArgumentOutOfRangeException** complex type is an error complex type that contains information about a protocol-server-side error because of an argument that is outside the range of implementation specific permissible values. The complex type MUST only be included as part of a SOAP fault as specified in section 2.2.9.

```
<xs:complexType name="ArgumentOutOfRangeException">
  <xs:complexContent mixed="false">
    <xs:extension base="tns:ArgumentException"/>
  </xs:complexContent>
</xs:complexType>
```

2.2.4.16 Exception (from namespace http://schemas.datacontract.org/2004/07/System)

The **Exception** complex type is an error complex type that contains information about a protocol-server-side error. The complex type MUST only be included as part of a SOAP fault as specified in section 2.2.9.

```
<xs:complexType name="Exception">
  <xs:sequence>
    <xs:any minOccurs="0" maxOccurs="unbounded" namespace="##local" processContents="skip"/>
  </xs:sequence>
  <xs:attribute ref="ser:FactoryType"/>
</xs:complexType>
```

2.2.4.17 SystemException (from namespace http://schemas.datacontract.org/2004/07/System)

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

```
<xs:complexType name="SystemException">
  <xs:complexContent mixed="false">
    <xs:extension base="tns:Exception"/>
```

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

2.2.5 Simple Types

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

Simple Type	Description
SecureStoreCredentialType	An enumeration indicating the type of the SecureStoreCredential.
TargetApplicationType	An enumeration indicating the type of the TargetApplication.
guid	Specifies the string representation of a **GUID** in the form of a GUID string.

2.2.5.1 SecureStoreCredentialType (from namespace http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.SecureStore)

SecureStoreCredentialType is an enumeration indicating the type of the SerializableSecureStoreCredential. The following table defines the allowable values for this simple type.

```
  <xs:simpleType name="SecureStoreCredentialType">
    <xs:restriction base="xs:string">
      <xs:enumeration value="UserName"/>
      <xs:enumeration value="Password"/>
      <xs:enumeration value="Pin"/>
      <xs:enumeration value="Key"/>
      <xs:enumeration value="Generic"/>
      <xs:enumeration value="WindowsUserName"/>
      <xs:enumeration value="WindowsPassword"/>
    </xs:restriction>
  </xs:simpleType>
```

The following table specifies the allowable values for SecureStoreCredentialType:

Value	Meaning
UserName	User name credential type.
Password	Password credential type.
Pin	Personal identification number (PIN) credential type.
Key	Key credential type.
Generic	Generic credential type.
WindowsUserName	Windows user name credential type.
WindowsPassword	Windows password credential type.

2.2.5.2 TargetApplicationType (from namespace http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.SecureStore)

TargetApplicationType is an enumeration indicating the type of the TargetApplication. The following table defines the allowable values for this simple type.

```
<xs:simpleType name="TargetApplicationType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Individual"/>
    <xs:enumeration value="Group"/>
    <xs:enumeration value="IndividualWithTicketing"/>
    <xs:enumeration value="GroupWithTicketing"/>
    <xs:enumeration value="RestrictedIndividual"/>
    <xs:enumeration value="RestrictedGroup"/>
  </xs:restriction>
</xs:simpleType>
```

The following table specifies the allowable values for TargetApplicationType:

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

2.2.5.3 char (from namespace http://schemas.microsoft.com/2003/10/Serialization/)

Reserved. MUST be ignored.

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

2.2.5.4 duration (from namespace http://schemas.microsoft.com/2003/10/Serialization/)

Reserved. MUST be ignored.

```
<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>
```

2.2.5.5 guid (from namespace http://schemas.microsoft.com/2003/10/Serialization/)

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

```
<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.

2.2.9 Serializing Error Complex Types in Soap Faults

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

Code: MUST contain a Value sub-element, which MUST be set to Sender. MAY contain a Subcode sub-element.

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

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

3   Protocol Details

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

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

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

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

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

3.1   Server Details

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

3.1.1   Abstract Data Model

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

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

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

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

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

Audit information: A record of what operations were executed, their results, by whom and when for auditing purposes.

Credentials: A set of credentials for a single SSS user or for a set of SSS users, for each target application. An identifier is associated with each set of credentials, the unique identifier of the owning target application and an identity claim (2) that specifies the security principal who owns the credentials, if the credentials are associated with an individual target application.

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

Status Type: The owner and status of a single implementation specific long running operation initiated by the protocol client.

3.1.2 Timers

None.

3.1.3 Initialization

None.

3.1.4 Message Processing Events and Sequencing Rules

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

Error Complex Type	Condition
ArgumentException (from namespace http://schemas.datacontract.org/2004/07/System)	The protocol server encounters an invalid argument value while performing implementation-specific operations.
ArgumentNullException (from namespace http://schemas.datacontract.org/2004/07/System)	While performing implementation-specific operations, the protocol server encounters a NULL value for an argument that does not accept NULL values.
ArgumentOutOfRangeException (from namespace	The protocol server

Error Complex Type	Condition
http://schemas.datacontract.org/2004/07/System)	encounters an argument with a value outside the range of permissible values while performing implementation-specific operations.
SecureStoreServiceFault (from namespace http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server)	The protocol server encounters a server-side error because of a violation of constraints on SSS store while performing implementation-specific operations.

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

WSDL Operation	Description
ChangeMasterSecretKey	This operation is used to change the **master secret key**.
CreateApplication	This operation is used to create a new target application in the specified **SSS partition**.
DeleteAllUserCredentials	This operation is used to delete the credentials of an SSS user for all the individual target applications in the specified SSS partition.
DeleteApplication	This operation is used to delete the specified target application in the SSS partition. The caller MUST be an administrator of the specified target application.
DeleteCredentials	This operation is used to delete all the credentials of the caller for the specified individual target application in the specified SSS partition.
DeleteUserCredentials	This operation is used to delete all the credentials for an SSS user for the specified individual target application in the specified SSS partition. The caller MUST be an administrator of the specified target application.
GetApplication	This operation is used to retrieve target application for the specified target application name in the specified SSS partition. The caller MUST be an administrator of the specified target application.
GetApplicationAdministratorClaims	This operation is used to retrieve the set of claims (2) that represent the group of SSS users that are administrators for the specified target application in the specified SSS partition. The caller MUST be an administrator of the specified target application.

WSDL Operation	Description
GetApplicationClaims	This operation is used to retrieve the set of claims (2) that represent the SSS users that are administrators, group members and SSS users that can redeem an SSS ticket for the specified target application in the specified SSS partition. The caller MUST be an administrator of the specified target application. Upon successful execution this protocol server MUST return three collections. The first collection MUST contain the claims (2) that represent the group of SSS users who are administrators of the specified target application. The second collection MUST contain the claims (2) information of the members of the group if the specified target application is a group target application. If the specified target application is not a group target application the collection MUST have 0 items. The third collection MUST contain the claims (2) information of who can redeem an SSS ticket for the specified target application. If the target application type is not IndividualWithTicketing or GroupWithTicketing, the collection MUST have 0 items.
GetApplicationFields	This operation is used to retrieve all the target application fields for the specified target application in the SSS partition. The caller MUST be an administrator of the specified target application.
GetApplicationGroupClaims	This operation is used to retrieve the set of claims (2) that represent the group of SSS users that are group members for a specified group target application in the specified SSS partition. If the specified target application is not a group target application the set MUST have 0 items. The caller MUST be an administrator of the specified target application.
GetApplications	This operation is used to retrieve a list of all the target applications in the specified SSS partition where the caller is an administrator of the target applications. If the caller has implementation specific authorization to retrieve all the target applications in the specified SSS partition then all the target applications in the specified SSS partition are returned.
GetApplicationTicketRedeemerClaims	This operation is used to retrieve the set of claims (2) that represent the group of SSS users that can redeem an SSS ticket for a specified target application in the specified SSS partition. If the target application type is not IndividualWithTicketing or GroupWithTicketing, the set MUST have 0 items. The caller MUST be an administrator of the specified target application.
GetChangeMasterSecretKeyToken	This operation is used to retrieve an implementation-specific string used as a token for changing the master secret key.
GetCredentials	This operation is used to retrieve the credentials of the caller for the specified target application in the specified SSS partition.
GetRestrictedCredentials	This operation is used to retrieve the credentials of the caller for the specified target application in the specified SSS partition.
GetUserApplication	This operation is used to retrieve target application for the specified target application name that can be accessed by the caller in the specified SSS partition. To retrieve a target application the specified target application MUST be an individual target application or if the target application is a group target

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

WSDL Operation	Description
	specified target application.

3.1.4.1 ChangeMasterSecretKey

This operation is used to change the master secret key.

```
<wsdl:operation name="ChangeMasterSecretKey">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/ChangeMasterSecretKey"
message="tns:ISecureStoreServiceApplication_ChangeMasterSecretKey_InputMessage"/>
</wsdl:operation>
```

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

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

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

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

3.1.4.1.1 Messages

3.1.4.1.1.1 ISecureStoreServiceApplication_ChangeMasterSecretKey_InputMessage

The requested WSDL message for a **ChangeMasterSecretKey** WSDL operation.

The **SOAP action** value is:

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

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

3.1.4.1.2 Elements

3.1.4.1.2.1 ChangeMasterSecretKey

The input data for a **ChangeMasterSecretKey** WSDL operation.

```
<xs:element name="ChangeMasterSecretKey">
  <xs:complexType>
```

```
    <xs:sequence>
      <xs:element minOccurs="1" maxOccurs="1" name="token" type="xs:string"/>
      <xs:element minOccurs="1" maxOccurs="1" name="passPhraseHash" type="xs:base64Binary"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

3.1.4.2   CreateApplication

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

```
<wsdl:operation name="CreateApplication">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplication"
message="tns:ISecureStoreServiceApplication_CreateApplication_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationResponse"
message="tns:ISecureStoreServiceApplication_CreateApplication_OutputMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationArgumentOutOfRangeExceptionFault"
name="ArgumentOutOfRangeExceptionFault"
message="tns:ISecureStoreServiceApplication_CreateApplication_ArgumentOutOfRangeExceptionFaul
t_FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_CreateApplication_ArgumentNullExceptionFault_Faul
tMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_CreateApplication_SecureStoreServiceFaultFault_Fa
ultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_CreateApplication_ArgumentExceptionFault_FaultMes
sage"/>
</wsdl:operation>
```

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

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The **administratorClaims** member in the specified **applicationClaims** parameter is NULL or empty.
ArgumentException	The target application is group target application, but **groupClaims** member in the specified **applicationClaims** parameter is NULL or empty.
ArgumentException	The target application type is IndividualWithTicketing or GroupWithTicketing, but the **ticketRedeemerClaims** member in the specified **applicationClaims** parameter is NULL or empty.
ArgumentException	The **contactEmail** member of the **application** parameter is not a valid e-mail address, as determined using implementation specific checks, or its length is greater than 128.
ArgumentException	The **applicationId** member of the **application** parameter has a length less than 1 or greater than 256.
ArgumentException	The **friendlyName** member of the **application** parameter has a length less than 1 or greater than 256.
ArgumentException	The **type** member of the **application** parameter is not a valid TargetApplicationType.
ArgumentException	The **credentialManagementUrl** member of the **application** parameter is not a valid **URL** or its length is greater than 2084.
ArgumentOutOfRangeException	If number of target application fields in the specified **applicationFields** parameter is less than 1 or greater than 10.
ArgumentOutOfRangeException	The target application type is IndividualWithTicketing or GroupWithTicketing, but the **ticketTimeout** member of **application** parameter is less than 1 or greater than 525600.
SecureStoreServiceFault	The caller failed an implementation specific authorization check for creating the target application.
SecureStoreServiceFault	The protocol server does not have a master secret key.
SecureStoreServiceFault	The specified **rawPartitionId** parameter is NULL or an implementation specific validation of **rawPartitionId** failed.
SecureStoreServiceFault	The specified target application already exists.

3.1.4.2.1 Messages

3.1.4.2.1.1 ISecureStoreServiceApplication_CreateApplication_InputMessage

The requested WSDL message for a **CreateApplication** WSDL operation.

The SOAP action value is:

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

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

3.1.4.2.1.2 ISecureStoreServiceApplication_CreateApplication_OutputMessage

The response WSDL message for a **CreateApplication** method.

The SOAP action value is:

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

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

3.1.4.2.2 Elements

3.1.4.2.2.1 CreateApplication

The input data for a **CreateApplication** WSDL operation.

```
<xs:element name="CreateApplication">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q1="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q1:guid"/>
      <xs:element
xmlns:q2="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="1" maxOccurs="1" name="application" type="q2:TargetApplication"/>
      <xs:element
xmlns:q3="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="1" maxOccurs="1" name="applicationFields"
type="q3:ArrayOfTargetApplicationField"/>
      <xs:element
xmlns:q4="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="1" maxOccurs="1" name="applicationClaims" type="q4:TargetApplicationClaims"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A GUID that specifies the SSS partition in which the target application is to be created.

application: the target application to be created.

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

applicationClaims: claims for the target application.

3.1.4.2.2   CreateApplicationResponse

The result data for a **CreateApplication** WSDL operation.

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

3.1.4.3   DeleteAllUserCredentials

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

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

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9. If more than one error condition is encountered, the protocol server MUST respond with at exactly error complex type, determined in an implementation-specific manner.

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

3.1.4.3.1   Messages

3.1.4.3.1.1 ISecureStoreServiceApplication_DeleteAllUserCredentials_InputMessage

The requested WSDL message for a **DeleteAllUserCredentials** WSDL operation.

The SOAP action value is:

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

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

3.1.4.3.1.2 ISecureStoreServiceApplication_DeleteAllUserCredentials_OutputMessage

The response WSDL message for a **DeleteAllUserCredentials** method.

The SOAP action value is:

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

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

3.1.4.3.2   Elements

3.1.4.3.2.1   DeleteAllUserCredentials

The input data for a **DeleteAllUserCredentials** WSDL operation.

```
<xs:element name="DeleteAllUserCredentials">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q33="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q33:guid"/>
      <xs:element
xmlns:q34="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="claim" type="q34:SecureStoreServiceClaim"/>
    </xs:sequence>
```

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

rawPartitionId: A GUID that identifies the SSS partition.

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

3.1.4.3.2.2   DeleteAllUserCredentialsResponse

The result data for a **DeleteAllUserCredentials** WSDL operation.

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

3.1.4.4   DeleteApplication

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

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

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9.
If more than one error condition is encountered, the protocol server MUST respond with exactly one
error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the **applicationId** parameter is less than 1 or greater than 256.
SecureStoreServiceFault	The caller is not an administrator of the specified target application.
SecureStoreServiceFault	The protocol server does not have a master secret key.
SecureStoreServiceFault	The specified **rawPartitionId** parameter is NULL or an implementation specific validation of **rawPartitionId** failed.
SecureStoreServiceTargetApplicationNotFoundFault	The target application identified by the **applicationId** parameter does not exist in the specified SSS partition.

3.1.4.4.1 Messages

3.1.4.4.1.1 ISecureStoreServiceApplication_DeleteApplication_InputMessage

The requested WSDL message for a **DeleteApplication** WSDL operation.

The SOAP action value is:

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

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

3.1.4.4.1.2 ISecureStoreServiceApplication_DeleteApplication_OutputMessage

The response WSDL message for a **DeleteApplication** method.

The SOAP action value is:

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

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

3.1.4.4.2   Elements

3.1.4.4.2.1   DeleteApplication

The input data for a **DeleteApplication** WSDL operation.

```
<xs:element name="DeleteApplication">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q9="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q9:guid"/>
      <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

3.1.4.4.2.2   DeleteApplicationResponse

The result data for a **DeleteApplication** WSDL operation.

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

3.1.4.5   DeleteCredentials

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

```
<wsdl:operation name="DeleteCredentials">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentials"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsResponse"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_OutputMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_SecureStoreServiceFaultFault_Fa
ultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_SecureStoreServiceTargetApplica
tionNotFoundFaultFault_FaultMessage"/>
```

```
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_ArgumentExceptionFault_FaultMes
sage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_SecureStoreServiceCredentialsNo
tFoundFaultFault_FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_ArgumentNullExceptionFault_Faul
tMessage"/>
</wsdl:operation>
```

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9.
If more than one error condition is encountered, the protocol server MUST respond with exactly one
error complex type, determined in an implementation-specific manner.

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

3.1.4.5.1 Messages

3.1.4.5.1.1 ISecureStoreServiceApplication_DeleteCredentials_InputMessage

The requested WSDL message for a **DeleteCredentials** WSDL operation.

The SOAP action value is:

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

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

3.1.4.5.1.2 ISecureStoreServiceApplication_DeleteCredentials_OutputMessage

The response WSDL message for a **DeleteCredentials** method.

The SOAP action value is:

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

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

3.1.4.5.2 Elements

3.1.4.5.2.1 DeleteCredentials

The input data for a **DeleteCredentials** WSDL operation.

```
<xs:element name="DeleteCredentials">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q44="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q44:guid"/>
      <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

3.1.4.5.2.2 DeleteCredentialsResponse

The result data for a **DeleteCredentials** WSDL operation.

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

3.1.4.6 DeleteUserCredentials

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

```
<wsdl:operation name="DeleteUserCredentials">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentials"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsResponse"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_OutputMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_SecureStoreServiceTargetApp
licationNotFoundFaultFault_FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_ArgumentNullExceptionFault_
FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_SecureStoreServiceFaultFaul
t_FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_SecureStoreServiceCredentia
lsNotFoundFaultFault_FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_ArgumentExceptionFault_Faul
tMessage"/>
</wsdl:operation>
```

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9.
If more than one error condition is encountered, the protocol server MUST respond with exactly one
error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of specified **applicationId** parameter is

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

3.1.4.6.1   Messages

3.1.4.6.1.1   ISecureStoreServiceApplication_DeleteUserCredentials_InputMessage

The requested WSDL message for a **DeleteUserCredentials** WSDL operation.

The SOAP action value is:

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

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

3.1.4.6.1.2   ISecureStoreServiceApplication_DeleteUserCredentials_OutputMessage

The response WSDL message for a **DeleteUserCredentials** method.

The SOAP action value is:

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

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

3.1.4.6.2 Elements

3.1.4.6.2.1 DeleteUserCredentials

The input data for a **DeleteUserCredentials** WSDL operation.

```
<xs:element name="DeleteUserCredentials">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q31="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q31:guid"/>
      <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string"/>
      <xs:element
xmlns:q32="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="claim" type="q32:SecureStoreServiceClaim"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

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

3.1.4.6.2.2 DeleteUserCredentialsResponse

The result data for a **DeleteUserCredentials** WSDL operation.

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

3.1.4.7 GetApplication

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

```
<wsdl:operation name="GetApplication">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplication"
message="tns:ISecureStoreServiceApplication_GetApplication_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationResponse"
message="tns:ISecureStoreServiceApplication_GetApplication_OutputMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplication_ArgumentExceptionFault_FaultMessag
e"/>
```

```
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplication_SecureStoreServiceFaultFault_Fault
Message"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplication_SecureStoreServiceTargetApplicatio
nNotFoundFaultFault_FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationArgumentNullExceptionFault" name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplication_ArgumentNullExceptionFault_FaultMe
ssage"/>
</wsdl:operation>
```

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9.
If more than one error condition is encountered, the protocol server MUST respond with exactly one
error complex type, determined in an implementation-specific manner.

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

3.1.4.7.1 Messages

3.1.4.7.1.1 ISecureStoreServiceApplication_GetApplication_InputMessage

The requested WSDL message for a **GetApplication** WSDL operation.

The SOAP action value is:

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

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

3.1.4.7.1.2   ISecureStoreServiceApplication_GetApplication_OutputMessage

The response WSDL message for a **GetApplication** method.

The SOAP action value is:

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

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

3.1.4.7.2   Elements

3.1.4.7.2.1   GetApplication

The input data for a **GetApplication** WSDL operation.

```
<xs:element name="GetApplication">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q18="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q18:guid"/>
      <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

3.1.4.7.2.2   GetApplicationResponse

The result data for a **GetApplication** WSDL operation.

```
<xs:element name="GetApplicationResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q19="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="GetApplicationResult" type="q19:TargetApplication"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

3.1.4.8 GetApplicationAdministratorClaims

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

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

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the specified **applicationId** parameter is 0 or greater than 256.
SecureStoreServiceFault	The protocol server does not have a master secret

Error Complex Type	Condition
	key.
SecureStoreServiceFault	The specified **rawPartitionId** parameter is NULL or an implementation specific validation of **rawPartitionId** failed.
SecureStoreServiceFault	The caller is not an administrator of the specified target application.
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the **applicationId** parameter cannot be found in the SSS store.

3.1.4.8.1 Messages

3.1.4.8.1.1 ISecureStoreServiceApplication_GetApplicationAdministratorClaims_InputMessage

The requested WSDL message for a **GetApplicationAdministratorClaims** WSDL operation.

The SOAP action value is:

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

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

3.1.4.8.1.2 ISecureStoreServiceApplication_GetApplicationAdministratorClaims_OutputMessage

The response WSDL message for a **GetApplicationAdministratorClaims** method.

The SOAP action value is:

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

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

3.1.4.8.2 Elements

3.1.4.8.2.1 GetApplicationAdministratorClaims

The input data for a **GetApplicationAdministratorClaims** WSDL operation.

```
<xs:element name="GetApplicationAdministratorClaims">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q14="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q14:guid"/>
```

```
            <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

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

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

3.1.4.8.2.2 GetApplicationAdministratorClaimsResponse

The result data for a **GetApplicationAdministratorClaims** WSDL operation.

```
<xs:element name="GetApplicationAdministratorClaimsResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q15="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="GetApplicationAdministratorClaimsResult"
type="q15:ArrayOfSecureStoreServiceClaim"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

GetApplicationAdministratorClaimsResult: the element contains claims of administrators of the specified target application on the specified SSS partition. It MUST contain more than 0 items.

3.1.4.9 GetApplicationClaims

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

Upon successful execution this protocol server MUST return three collections.

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

The second collection MUST contain the claims (2) information of the members of the group if the specified target application is a group target application. If the specified target application is not a group target application the collection MUST have 0 items.

The third collection MUST contain the claims (2) information of who can redeem an SSS ticket for the specified target application. If the target application type is not IndividualWithTicketing or GroupWithTicketing, the collection MUST have 0 items.

```
<wsdl:operation name="GetApplicationClaims">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaims"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
```

```
erviceApplication/GetApplicationClaimsResponse"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_OutputMessage"/>
   <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_ArgumentExceptionFault_Fault
Message"/>
   <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_SecureStoreServiceTargetAppl
icationNotFoundFaultFault_FaultMessage"/>
   <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_ArgumentNullExceptionFault_F
aultMessage"/>
   <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_SecureStoreServiceFaultFault
_FaultMessage"/>
</wsdl:operation>
```

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9.
If more than one error condition is encountered, the protocol server MUST respond with exactly one
error complex type, determined in an implementation-specific manner.

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

3.1.4.9.1 Messages

3.1.4.9.1.1 ISecureStoreServiceApplication_GetApplicationClaims_InputMessage

The requested WSDL message for a **GetApplicationClaims** WSDL operation.

The SOAP action value is:

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

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

3.1.4.9.1.2 ISecureStoreServiceApplication_GetApplicationClaims_OutputMessage

The response WSDL message for a **GetApplicationClaims** method.

The SOAP action value is:

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

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

3.1.4.9.2 Elements

3.1.4.9.2.1 GetApplicationClaims

The input data for a **GetApplicationClaims** WSDL operation.

```
<xs:element name="GetApplicationClaims">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q10="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q10:guid"/>
      <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

3.1.4.9.2.2 GetApplicationClaimsResponse

The result data for a **GetApplicationClaims** WSDL operation.

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

```
      <xs:element
xmlns:q11="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="GetApplicationClaimsResult"
type="q11:TargetApplicationClaims"/>
      </xs:sequence>
    </xs:complexType>
</xs:element>
```

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

3.1.4.10 GetApplicationFields

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

```
<wsdl:operation name="GetApplicationFields">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFields"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsResponse"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_OutputMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_SecureStoreServiceFaultFault
_FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_ArgumentNullExceptionFault_F
aultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_ArgumentExceptionFault_Fault
Message"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_SecureStoreServiceTargetAppl
icationNotFoundFaultFault_FaultMessage"/>
</wsdl:operation>
```

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9.

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

Error Complex Type	Condition
ArgumentException	The length of the specified **applicationId** parameter is less than 1 or greater than 256.
SecureStoreServiceFault	The caller is not an administrator of the specified target application.
SecureStoreServiceFault	The protocol server does not have a master secret key.
SecureStoreServiceFault	The specified **rawPartitionId** parameter is NULL or an implementation specific validation of **rawPartitionId** failed.
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the **applicationId** parameter cannot be found in the SSS store.

3.1.4.10.1 Messages

3.1.4.10.1.1 ISecureStoreServiceApplication_GetApplicationFields_InputMessage

The requested WSDL message for a **GetApplicationFields** WSDL operation.

The SOAP action value is:

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

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

3.1.4.10.1.2 ISecureStoreServiceApplication_GetApplicationFields_OutputMessage

The response WSDL message for a **GetApplicationFields** method.

The SOAP action value is:

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

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

3.1.4.10.2 Elements

3.1.4.10.2.1 GetApplicationFields

The input data for a **GetApplicationFields** WSDL operation.

```
<xs:element name="GetApplicationFields">
```

```
    <xs:complexType>
      <xs:sequence>
        <xs:element xmlns:q20="http://schemas.microsoft.com/2003/10/Serialization/"
  minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q20:guid"/>
        <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string"/>
      </xs:sequence>
    </xs:complexType>
</xs:element>
```

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

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

3.1.4.10.2.2   GetApplicationFieldsResponse

The result data for a **GetApplicationFields** WSDL operation.

```
<xs:element name="GetApplicationFieldsResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q21="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="GetApplicationFieldsResult"
type="q21:ArrayOfTargetApplicationField"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

3.1.4.11   GetApplicationGroupClaims

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

```
<wsdl:operation name="GetApplicationGroupClaims">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaims"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsResponse"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_OutputMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsSecureStoreServiceTargetApplicationNotFoundFaultFa
ult" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_SecureStoreServiceTarge
tApplicationNotFoundFaultFault_FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
```

```
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_ArgumentNullExceptionFa
ult_FaultMessage"/>
    <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_ArgumentExceptionFault_
FaultMessage"/>
    <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_SecureStoreServiceFault
Fault_FaultMessage"/>
</wsdl:operation>
```

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9.
If more than one error condition is encountered, the protocol server MUST respond with exactly one
error complex type, determined in an implementation-specific manner.

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

3.1.4.11.1   Messages

3.1.4.11.1.1 ISecureStoreServiceApplication_GetApplicationGroupClaims_InputMessage

The requested WSDL message for a **GetApplicationGroupClaims** WSDL operation.

The SOAP action value is:

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

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

3.1.4.11.1.2 ISecureStoreServiceApplication_GetApplicationGroupClaims_OutputMessage

The response WSDL message for a **GetApplicationGroupClaims** method.

The SOAP action value is:

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

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

3.1.4.11.2 Elements

3.1.4.11.2.1 GetApplicationGroupClaims

The input data for a **GetApplicationGroupClaims** WSDL operation.

```
<xs:element name="GetApplicationGroupClaims">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q12="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q12:guid"/>
      <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

3.1.4.11.2.2 GetApplicationGroupClaimsResponse

The result data for a **GetApplicationGroupClaims** WSDL operation.

```
<xs:element name="GetApplicationGroupClaimsResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q13="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="GetApplicationGroupClaimsResult"
type="q13:ArrayOfSecureStoreServiceClaim"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

3.1.4.12 GetApplications

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

```
<wsdl:operation name="GetApplications">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplications"
message="tns:ISecureStoreServiceApplication_GetApplications_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationsResponse"
message="tns:ISecureStoreServiceApplication_GetApplications_OutputMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplications_SecureStoreServiceFaultFault_Faul
tMessage"/>
</wsdl:operation>
```

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

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

3.1.4.12.1 Messages

3.1.4.12.1.1 ISecureStoreServiceApplication_GetApplications_InputMessage

The requested WSDL message for a **GetApplications** WSDL operation.

The SOAP action value is:

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

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

3.1.4.12.1.2 ISecureStoreServiceApplication_GetApplications_OutputMessage

The response WSDL message for a **GetApplications** method.

The SOAP action value is:

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

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

3.1.4.12.2 Elements

3.1.4.12.2.1 GetApplications

The input data for a **GetApplications** WSDL operation.

```
<xs:element name="GetApplications">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q22="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q22:guid"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

3.1.4.12.2.2 GetApplicationsResponse

The result data for a **GetApplications** WSDL operation.

```
<xs:element name="GetApplicationsResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q23="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="GetApplicationsResult"
type="q23:ArrayOfTargetApplication"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

3.1.4.13 GetApplicationTicketRedeemerClaims

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

```
<wsdl:operation name="GetApplicationTicketRedeemerClaims">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaims"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_InputMessage"/
>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaimsResponse"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_OutputMessage"
/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaimsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_ArgumentNullEx
ceptionFault_FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaimsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_ArgumentExcept
ionFault_FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaimsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_SecureStoreSer
viceFaultFault_FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaimsSecureStoreServiceTargetApplicationNotFou
ndFaultFault" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_SecureStoreSer
viceTargetApplicationNotFoundFaultFault_FaultMessage"/>
</wsdl:operation>
```

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9.
If more than one error condition is encountered, the protocol server MUST respond with exactly one
error complex type, determined in an implementation-specific manner.

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

Error Complex Type	Condition
SecureStoreServiceFault	The caller is not an administrator of the specified target application.
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the **applicationId** parameter cannot be found in the SSS store.

3.1.4.13.1 Messages

3.1.4.13.1.1 ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_InputMessage

The requested WSDL message for a **GetApplicationTicketRedeemerClaims** WSDL operation.

The SOAP action value is:

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

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

3.1.4.13.1.2 ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_OutputMessage

The response WSDL message for a **GetApplicationTicketRedeemerClaims** method.

The SOAP action value is:

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

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

3.1.4.13.2 Elements

3.1.4.13.2.1 GetApplicationTicketRedeemerClaims

The input data for a **GetApplicationTicketRedeemerClaims** WSDL operation.

```
<xs:element name="GetApplicationTicketRedeemerClaims">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q16="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q16:guid"/>
      <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

3.1.4.13.2.2 GetApplicationTicketRedeemerClaimsResponse

The result data for a **GetApplicationTicketRedeemerClaims** WSDL operation.

```
<xs:element name="GetApplicationTicketRedeemerClaimsResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q17="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="GetApplicationTicketRedeemerClaimsResult"
type="q17:ArrayOfSecureStoreServiceClaim"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

3.1.4.14 GetChangeMasterSecretKeyToken

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

```
<wsdl:operation name="GetChangeMasterSecretKeyToken">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChangeMasterSecretKeyToken"
message="tns:ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChangeMasterSecretKeyTokenResponse"
message="tns:ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_OutputMessage"/>
</wsdl:operation>
```

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

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

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9.

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

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

3.1.4.14.1   Messages

3.1.4.14.1.1 ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_InputMessage

The requested WSDL message for a **GetChangeMasterSecretKeyToken** WSDL operation.

The SOAP action value is:

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

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

3.1.4.14.1.2 ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_OutputMessage

The response WSDL message for a **GetChangeMasterSecretKeyToken** method.

The SOAP action value is:

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

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

3.1.4.14.2   Elements

3.1.4.14.2.1   GetChangeMasterSecretKeyToken

The input data for a **GetChangeMasterSecretKeyToken** WSDL operation.

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

3.1.4.14.2.2   GetChangeMasterSecretKeyTokenResponse

The result data for a **GetChangeMasterSecretKeyToken** WSDL operation.

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

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

3.1.4.15   GetCredentials

This operation is used to retrieve the credentials of the caller for the specified target application in the specified SSS partition.

```
<wsdl:operation name="GetCredentials">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentials"
message="tns:ISecureStoreServiceApplication_GetCredentials_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsResponse"
message="tns:ISecureStoreServiceApplication_GetCredentials_OutputMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsArgumentNullExceptionFault" name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetCredentials_ArgumentNullExceptionFault_FaultMe
ssage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetCredentials_SecureStoreServiceFaultFault_Fault
Message"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetCredentials_SecureStoreServiceCredentialsNotFo
undFaultFault_FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetCredentials_SecureStoreServiceTargetApplicatio
nNotFoundFaultFault_FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetCredentials_ArgumentExceptionFault_FaultMessag
e"/>
</wsdl:operation>
```

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

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

3.1.4.15.1   Messages

3.1.4.15.1.1   ISecureStoreServiceApplication_GetCredentials_InputMessage

The requested WSDL message for a **GetCredentials** WSDL operation.

The SOAP action value is:

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

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

3.1.4.15.1.2   ISecureStoreServiceApplication_GetCredentials_OutputMessage

The response WSDL message for a **GetCredentials** method.

The SOAP action value is:

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

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

3.1.4.15.2   Elements

3.1.4.15.2.1   GetCredentials

The input data for a **GetCredentials** WSDL operation.

```
<xs:element name="GetCredentials">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q38="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q38:guid"/>
      <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

3.1.4.15.2.2   GetCredentialsResponse

The result data for a **GetCredentials** WSDL operation.

```
<xs:element name="GetCredentialsResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q39="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="0" name="GetCredentialsResult" nillable="true"
type="q39:ArrayOfSerializableSecureStoreCredential"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

3.1.4.16   GetRestrictedCredentials

This operation is used to retrieve the credentials of the caller for the specified target application in the specified SSS partition.

```
<wsdl:operation name="GetRestrictedCredentials">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentials"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsResponse"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_OutputMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFau
```

```
lt" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceTarget
ApplicationNotFoundFaultFault_FaultMessage"/>
    <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_ArgumentNullExceptionFau
lt_FaultMessage"/>
    <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceFaultF
ault_FaultMessage"/>
    <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceCreden
tialsNotFoundFaultFault_FaultMessage"/>
    <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_ArgumentExceptionFault_F
aultMessage"/>
  </wsdl:operation>
```

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9.
If more than one error condition is encountered, the protocol server MUST respond with exactly one
error complex type, determined in an implementation-specific manner.

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

3.1.4.16.1 Messages

3.1.4.16.1.1 ISecureStoreServiceApplication_GetRestrictedCredentials_InputMessage

The requested WSDL message for a **GetRestrictedCredentials** WSDL operation.

The SOAP action value is:

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

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

3.1.4.16.1.2 ISecureStoreServiceApplication_GetRestrictedCredentials_OutputMessage

The response WSDL message for a **GetRestrictedCredentials** method.

The SOAP action value is:

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

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

3.1.4.16.2 Elements

3.1.4.16.2.1 GetRestrictedCredentials

The input data for a **GetRestrictedCredentials** WSDL operation.

```
<xs:element name="GetRestrictedCredentials">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q40="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q40:guid"/>
      <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

3.1.4.16.2.2 GetRestrictedCredentialsResponse

The result data for a **GetRestrictedCredentials** WSDL operation.

```
<xs:element name="GetRestrictedCredentialsResponse">
  <xs:complexType>
```

```
    <xs:sequence>
      <xs:element
xmlns:q41="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="0" name="GetRestrictedCredentialsResult" nillable="true"
type="q41:ArrayOfSerializableSecureStoreCredential"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

3.1.4.17   GetUserApplication

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

```
<wsdl:operation name="GetUserApplication">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplication"
message="tns:ISecureStoreServiceApplication_GetUserApplication_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationResponse"
message="tns:ISecureStoreServiceApplication_GetUserApplication_OutputMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetUserApplication_ArgumentExceptionFault_FaultMe
ssage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetUserApplication_ArgumentNullExceptionFault_Fau
ltMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplication_SecureStoreServiceFaultFault_F
aultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplication_SecureStoreServiceTargetApplic
ationNotFoundFaultFault_FaultMessage"/>
</wsdl:operation>
```

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

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

3.1.4.17.1 Messages

3.1.4.17.1.1 ISecureStoreServiceApplication_GetUserApplication_InputMessage

The requested WSDL message for a **GetUserApplication** WSDL operation.

The SOAP action value is:

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

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

3.1.4.17.1.2 ISecureStoreServiceApplication_GetUserApplication_OutputMessage

The response WSDL message for a **GetUserApplication** method.

The SOAP action value is:

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

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

3.1.4.17.2 Elements

3.1.4.17.2.1 GetUserApplication

The input data for a **GetUserApplication** WSDL operation.

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

```
      <xs:element xmlns:q45="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q45:guid"/>
      <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

3.1.4.17.2.2 GetUserApplicationResponse

The result data for a **GetUserApplication** WSDL operation.

```
<xs:element name="GetUserApplicationResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q46="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" name="GetUserApplicationResult" type="q46:TargetApplication"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

3.1.4.18 GetUserApplicationFields

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

```
<wsdl:operation name="GetUserApplicationFields">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFields"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsResponse"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_OutputMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsSecureStoreServiceTargetApplicationNotFoundFaultFau
lt" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_SecureStoreServiceTarget
ApplicationNotFoundFaultFault_FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_SecureStoreServiceFaultF
ault_FaultMessage"/>
```

```
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_ArgumentExceptionFault_F
aultMessage"/>
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_ArgumentNullExceptionFau
lt_FaultMessage"/>
   </wsdl:operation>
```

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9.
If more than one error condition is encountered, the protocol server MUST respond with exactly one
error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the specified **applicationId** parameter is less than 1 or greater than 256.
SecureStoreServiceFault	The protocol server does not have a master secret key.
SecureStoreServiceFault	The specified **rawPartitionId** parameter is NULL or an implementation specific validation of **rawPartitionId** failed.
SecureStoreServiceTargetApplicationNotFoundFault	The target application identified by the **applicationId** parameter does not exist in the specified SSS partition.

3.1.4.18.1   Messages

3.1.4.18.1.1 ISecureStoreServiceApplication_GetUserApplicationFields_InputMessage

The requested WSDL message for a **GetUserApplicationFields** WSDL operation.

The SOAP action value is:

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

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

3.1.4.18.1.2 ISecureStoreServiceApplication_GetUserApplicationFields_OutputMessage

The response WSDL message for a **GetUserApplicationFields** method.

The SOAP action value is:

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

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

3.1.4.18.2 Elements

3.1.4.18.2.1 GetUserApplicationFields

The input data for a **GetUserApplicationFields** WSDL operation.

```
<xs:element name="GetUserApplicationFields">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q47="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q47:guid"/>
      <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

3.1.4.18.2.2 GetUserApplicationFieldsResponse

The result data for a **GetUserApplicationFields** WSDL operation.

```
<xs:element name="GetUserApplicationFieldsResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q48="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" name="GetUserApplicationFieldsResult"
type="q48:ArrayOfTargetApplicationField"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

3.1.4.19 GetUserApplications

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

```
<wsdl:operation name="GetUserApplications">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplications"
message="tns:ISecureStoreServiceApplication_GetUserApplications_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationsResponse"
message="tns:ISecureStoreServiceApplication_GetUserApplications_OutputMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplications_SecureStoreServiceFaultFault_
FaultMessage"/>
</wsdl:operation>
```

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

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

3.1.4.19.1 Messages

3.1.4.19.1.1 ISecureStoreServiceApplication_GetUserApplications_InputMessage

The requested WSDL message for a **GetUserApplications** WSDL operation.

The SOAP action value is:

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

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

3.1.4.19.1.2 ISecureStoreServiceApplication_GetUserApplications_OutputMessage

The response WSDL message for a **GetUserApplications** method.

The SOAP action value is:

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

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

3.1.4.19.2 Elements

3.1.4.19.2.1 GetUserApplications

The input data for a **GetUserApplications** WSDL operation.

```
<xs:element name="GetUserApplications">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q24="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q24:guid"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

rawPartitionId: A GUID that identifies the SSS partition.

3.1.4.19.2.2 GetUserApplicationsResponse

The result data for a **GetUserApplications** WSDL operation.

```
<xs:element name="GetUserApplicationsResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element
xmlns:q25="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="GetUserApplicationsResult"
type="q25:ArrayOfTargetApplication"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

3.1.4.20 IsMasterSecretKeyPopulated

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

```
<wsdl:operation name="IsMasterSecretKeyPopulated">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
```

```
erviceApplication/IsMasterSecretKeyPopulated"
message="tns:ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_InputMessage"/>
    <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IsMasterSecretKeyPopulatedResponse"
message="tns:ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_OutputMessage"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_InputMessage and the
protocol server MUST respond with an
ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_OutputMessage.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9.
If the following error condition is encountered, the protocol server MUST respond with exactly one
error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
SecureStoreServiceFault	The caller fails an implementation specific authorization check for determining whether the master secret key exists.

3.1.4.20.1   Messages

3.1.4.20.1.1 ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_InputMessage

The requested WSDL message for a **IsMasterSecretKeyPopulated** WSDL operation.

The SOAP action value is:

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

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

3.1.4.20.1.2 ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_OutputMessage

The response WSDL message for a **IsMasterSecretKeyPopulated** method.

The SOAP action value is:

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

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

3.1.4.20.2   Elements

3.1.4.20.2.1   IsMasterSecretKeyPopulated

The input data for a **IsMasterSecretKeyPopulated** WSDL operation.

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

3.1.4.20.2.2   IsMasterSecretKeyPopulatedResponse

The result data for a **IsMasterSecretKeyPopulated** WSDL operation.

```
<xs:element name="IsMasterSecretKeyPopulatedResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="1" maxOccurs="1" name="IsMasterSecretKeyPopulatedResult"
type="xs:boolean"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

3.1.4.21   IssueTicket

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

```
<wsdl:operation name="IssueTicket">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IssueTicket"
message="tns:ISecureStoreServiceApplication_IssueTicket_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IssueTicketResponse"
message="tns:ISecureStoreServiceApplication_IssueTicket_OutputMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IssueTicketSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_IssueTicket_SecureStoreServiceFaultFault_FaultMes
sage"/>
</wsdl:operation>
```

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

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

3.1.4.21.1 Messages

3.1.4.21.1.1 ISecureStoreServiceApplication_IssueTicket_InputMessage

The requested WSDL message for a **IssueTicket** WSDL operation.

The SOAP action value is:

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

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

3.1.4.21.1.2 ISecureStoreServiceApplication_IssueTicket_OutputMessage

The response WSDL message for a **IssueTicket** method.

The SOAP action value is:

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

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

3.1.4.21.2 Elements

3.1.4.21.2.1 IssueTicket

The input data for a **IssueTicket** WSDL operation.

```
<xs:element name="IssueTicket">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q35="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q35:guid"/>
```

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

rawPartitionId: A GUID that identifies the SSS partition in which the SSS ticket is to be issued.

3.1.4.21.2.2 IssueTicketResponse

The result data for a **IssueTicket** WSDL operation.

```
<xs:element name="IssueTicketResponse">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="1" maxOccurs="1" name="IssueTicketResult" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

3.1.4.22 RedeemTicket

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

```
<wsdl:operation name="RedeemTicket">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicket"
message="tns:ISecureStoreServiceApplication_RedeemTicket_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketResponse"
message="tns:ISecureStoreServiceApplication_RedeemTicket_OutputMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_RedeemTicket_SecureStoreServiceFaultFault_FaultMe
ssage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_RedeemTicket_SecureStoreServiceCredentialsNotFoun
dFaultFault_FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketArgumentNullExceptionFault" name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_RedeemTicket_ArgumentNullExceptionFault_FaultMess
age"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
```

```
message="tns:ISecureStoreServiceApplication_RedeemTicket_SecureStoreServiceTargetApplicationN
otFoundFaultFault_FaultMessage"/>
   <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_RedeemTicket_ArgumentExceptionFault_FaultMessage"
/>
</wsdl:operation>
```

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9.
If more than one error condition is encountered, the protocol server MUST respond with exactly one
error complex type, determined in an implementation-specific manner.

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

3.1.4.22.1 Messages

3.1.4.22.1.1 ISecureStoreServiceApplication_RedeemTicket_InputMessage

The requested WSDL message for a **RedeemTicket** WSDL operation.

The SOAP action value is:

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

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

3.1.4.22.1.2 ISecureStoreServiceApplication_RedeemTicket_OutputMessage

The response WSDL message for a **RedeemTicket** method.

The SOAP action value is:

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

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

3.1.4.22.2 Elements

3.1.4.22.2.1 RedeemTicket

The input data for a **RedeemTicket** WSDL operation.

```
<xs:element name="RedeemTicket">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q36="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q36:guid"/>
      <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string"/>
      <xs:element minOccurs="1" maxOccurs="1" name="base64EncodedTicket" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

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

3.1.4.22.2.2 RedeemTicketResponse

The result data for a **RedeemTicket** WSDL operation.

```
<xs:element name="RedeemTicketResponse">
```

```
      <xs:complexType>
        <xs:sequence>
          <xs:element
xmlns:q37="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="RedeemTicketResult"
type="q37:ArrayOfSerializableSecureStoreCredential"/>
        </xs:sequence>
      </xs:complexType>
</xs:element>
```

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

3.1.4.23   SetChangeKeyPassphrase

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

```
<wsdl:operation name="SetChangeKeyPassphrase">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetChangeKeyPassphrase"
message="tns:ISecureStoreServiceApplication_SetChangeKeyPassphrase_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetChangeKeyPassphraseResponse"
message="tns:ISecureStoreServiceApplication_SetChangeKeyPassphrase_OutputMessage"/>
</wsdl:operation>
```

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9. If the following error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

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

3.1.4.23.1   Messages

3.1.4.23.1.1   ISecureStoreServiceApplication_SetChangeKeyPassphrase_InputMessage

The requested WSDL message for a **SetChangeKeyPassphrase** WSDL operation.

The SOAP action value is:

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

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

3.1.4.23.1.2 ISecureStoreServiceApplication_SetChangeKeyPassphrase_OutputMessage

The response WSDL message for a **SetChangeKeyPassphrase** method.

The SOAP action value is:

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

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

3.1.4.23.2 Elements

3.1.4.23.2.1 SetChangeKeyPassphrase

The input data for a **SetChangeKeyPassphrase** WSDL operation.

```
<xs:element name="SetChangeKeyPassphrase">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="1" maxOccurs="1" name="passPhraseHash" type="xs:base64Binary"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

3.1.4.23.2.2 SetChangeKeyPassphraseResponse

The result data for a **SetChangeKeyPassphrase** WSDL operation.

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

3.1.4.24 SetCredentials

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

```
<wsdl:operation name="SetCredentials">
```

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

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

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9.
If more than one error condition is encountered, the protocol server MUST respond with exactly one
error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the specified **applicationId** parameter is 0 or greater than 256.
SecureStoreServiceFault	The specified **rawPartitionId** parameter is NULL or an implementation specific validation of **rawPartitionId** failed.
SecureStoreServiceFault	The target application identified by the specified **applicationId** parameter is a group target application.
SecureStoreServiceFault	The specified **credentials** parameter is NULL, or its count is 0 or greater than 10.
SecureStoreServiceFault	The protocol server does not have a master secret key.

Error Complex Type	Condition
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the **applicationId** parameter cannot be found in the SSS store.

3.1.4.24.1 Messages

3.1.4.24.1.1 ISecureStoreServiceApplication_SetCredentials_InputMessage

The requested WSDL message for a **SetCredentials** WSDL operation.

The SOAP action value is:

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

The SOAP body contains a **SetCredentials** element.

3.1.4.24.1.2 ISecureStoreServiceApplication_SetCredentials_OutputMessage

The response WSDL message for a **SetCredentials** method.

The SOAP action value is:

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

The SOAP body contains a **SetCredentialsResponse** element.

3.1.4.24.2 Elements

3.1.4.24.2.1 SetCredentials

The input data for a **SetCredentials** WSDL operation.

```
<xs:element name="SetCredentials">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q42="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q42:guid"/>
      <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string"/>
      <xs:element
xmlns:q43="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="credentials"
type="q43:ArrayOfSerializableSecureStoreCredential"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

credentials: An [ArrayOfSerializableSecureStoreCredential](#) object that specifies credentials for an SSS user. Its count MUST be between 1 and 10, inclusive.

3.1.4.24.2.2 SetCredentialsResponse

The result data for a **SetCredentials** WSDL operation.

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

3.1.4.25 SetGroupCredentials

This operation is used to set credentials for the specified group target application in the specified SSS partition. The caller MUST be an administrator of the specified group target application.

```
<wsdl:operation name="SetGroupCredentials">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentials"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsResponse"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_OutputMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_ArgumentNullExceptionFault_Fa
ultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_SecureStoreServiceFaultFault_
FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_SecureStoreServiceTargetAppli
cationNotFoundFaultFault_FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_ArgumentExceptionFault_FaultM
essage"/>
</wsdl:operation>
```

The protocol client sends an **ISecureStoreServiceApplication_SetGroupCredentials_InputMessage** request message and

the protocol server responds with an
ISecureStoreServiceApplication_SetGroupCredentials_OutputMessage response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9.
If more than one error condition is encountered, the protocol server MUST respond with exactly one
error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the specified **applicationId** parameter is 0 or greater than 256.
SecureStoreServiceFault	The caller is not an administrator of the specified group target application.
SecureStoreServiceFault	The specified **rawPartitionId** parameter is NULL or an implementation specific validation of **rawPartitionId** failed.
SecureStoreServiceFault	The target application identified by the specified **applicationId** parameter is an individual target application.
SecureStoreServiceFault	The specified **credentials** parameter is NULL, or its count is 0 or greater than 10.
SecureStoreServiceFault	The protocol server does not have a master secret key.
SecureStoreServiceTargetApplicationNotFoundFault	The group target application specified by the **applicationId** parameter cannot be found in the SSS store.

3.1.4.25.1   Messages

3.1.4.25.1.1   ISecureStoreServiceApplication_SetGroupCredentials_InputMessage

The requested WSDL message for a **SetGroupCredentials** WSDL operation.

The SOAP action value is:

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

The SOAP body contains a **SetGroupCredentials** element.

3.1.4.25.1.2
ISecureStoreServiceApplication_SetGroupCredentials_OutputMessage

The response WSDL message for a **SetGroupCredentials** method.

The SOAP action value is:

The SOAP body contains a **SetGroupCredentialsResponse** element.

3.1.4.25.2   Elements

3.1.4.25.2.1   SetGroupCredentials

The input data for a **SetGroupCredentials** WSDL operation.

```
<xs:element name="SetGroupCredentials">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q29="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q29:guid"/>
      <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string"/>
      <xs:element
xmlns:q30="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="credentials"
type="q30:ArrayOfSerializableSecureStoreCredential"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

credentials: An [ArrayOfSerializableSecureStoreCredential](#) object that specifies credentials for a group target application. Its count MUST be between 1 and 10, inclusive.

3.1.4.25.2.2   SetGroupCredentialsResponse

The result data for a **SetGroupCredentials** WSDL operation.

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

3.1.4.26   SetMasterSecretKey

This operation is used to retrieve the encrypted master secret key from the SSS store and decrypt using the specified passphrase hash as the key using an implementation specific algorithm. The plain text master secret key is maintained locally by the protocol server for encrypting and decrypting credentials.

```
<wsdl:operation name="SetMasterSecretKey">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
```

```
erviceApplication/SetMasterSecretKey"
message="tns:ISecureStoreServiceApplication_SetMasterSecretKey_InputMessage"/>
   <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetMasterSecretKeyResponse"
message="tns:ISecureStoreServiceApplication_SetMasterSecretKey_OutputMessage"/>
   <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetMasterSecretKeySecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_SetMasterSecretKey_SecureStoreServiceFaultFault_F
aultMessage"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_SetMasterSecretKey_InputMessage request message and
the protocol server MUST respond with an
ISecureStoreServiceApplication_SetMasterSecretKey_OutputMessage message.

- The protocol server MUST use the given byte array to perform implementation-specific decryption
  on the encrypted master secret key in the SSS store and store the decrypted key on the protocol
  server.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9.
If more than one error condition is encountered, the protocol server MUST respond with exactly one
error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
SecureStoreServiceFault	The caller failed an implementation specific authorization check for setting the decrypted master secret key.
SecureStoreServiceFault	The protocol server cannot retrieve the master secret key from the SSS store.

3.1.4.26.1   Messages

3.1.4.26.1.1   ISecureStoreServiceApplication_SetMasterSecretKey_InputMessage

The requested WSDL message for a **SetMasterSecretKey** WSDL operation.

The SOAP action value is:

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

The SOAP body contains a **SetMasterSecretKey** element.

3.1.4.26.1.2   ISecureStoreServiceApplication_SetMasterSecretKey_OutputMessage

The response WSDL message for a **SetMasterSecretKey** method.

The SOAP action value is:

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

The SOAP body contains a **SetMasterSecretKeyResponse** element.

3.1.4.26.2   Elements

3.1.4.26.2.1   SetMasterSecretKey

The input data for a **SetMasterSecretKey** WSDL operation.

```
<xs:element name="SetMasterSecretKey">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="1" maxOccurs="1" name="passPhraseHash" type="xs:base64Binary"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

3.1.4.26.2.2   SetMasterSecretKeyResponse

The result data for a **SetMasterSecretKey** WSDL operation.

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

3.1.4.27   SetUserCredentials

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

```
<wsdl:operation name="SetUserCredentials">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentials"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsResponse"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_OutputMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_ArgumentExceptionFault_FaultMe
ssage"/>
```

```
   <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_ArgumentNullExceptionFault_Fau
ltMessage"/>
   <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_SecureStoreServiceFaultFault_F
aultMessage"/>
   <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_SecureStoreServiceTargetApplic
ationNotFoundFaultFault_FaultMessage"/>
</wsdl:operation>
```

The protocol client sends an
ISecureStoreServiceApplication_SetUserCredentials_InputMessage request message and
the protocol server responds with an
ISecureStoreServiceApplication_SetUserCredentials_OutputMessage response message.

If any one of the conditions in the following table is met, the protocol server MUST respond with a
SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9.
If more than one error condition is encountered, the protocol server MUST respond with exactly one
error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The length of the specified **applicationId** parameter is 0 or greater than 256.
SecureStoreServiceFault	The caller is not an administrator of the specified individual target application.
SecureStoreServiceFault	The specified **rawPartitionId** parameter is NULL or an implementation specific validation of **rawPartitionId** failed.
SecureStoreServiceFault	The target application identified by the specified **applicationId** parameter is a group target application.
SecureStoreServiceFault	The specified **credentials** parameter is NULL, or its count is 0 or greater than 10.
SecureStoreServiceFault	The protocol server does not have a master secret key.
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the **applicationId** parameter cannot be found in the SSS store.

3.1.4.27.1 Messages

3.1.4.27.1.1 ISecureStoreServiceApplication_SetUserCredentials_InputMessage

The requested WSDL message for a **SetUserCredentials** WSDL operation.

The SOAP action value is:

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

The SOAP body contains a **SetUserCredentials** element.

3.1.4.27.1.2 ISecureStoreServiceApplication_SetUserCredentials_OutputMessage

The response WSDL message for a **SetUserCredentials** method.

The SOAP action value is:

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

The SOAP body contains a **SetUserCredentialsResponse** element.

3.1.4.27.2 Elements

3.1.4.27.2.1 SetUserCredentials

The input data for a **SetUserCredentials** WSDL operation.

```
<xs:element name="SetUserCredentials">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q26="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q26:guid"/>
      <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string"/>
      <xs:element
xmlns:q27="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="claim" type="q27:SecureStoreServiceClaim"/>
      <xs:element
xmlns:q28="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="credentials"
type="q28:ArrayOfSerializableSecureStoreCredential"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

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

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

credentials: An [ArrayOfSerializableSecureStoreCredential](#) object that specifies credentials for an SSS user. The count of credentials MUST be between 1 and 10, inclusive.

3.1.4.27.2.2 SetUserCredentialsResponse

The result data for a **SetUserCredentials** WSDL operation.

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

3.1.4.28 UpdateApplication

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

```
<wsdl:operation name="UpdateApplication">
  <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplication"
message="tns:ISecureStoreServiceApplication_UpdateApplication_InputMessage"/>
  <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationResponse"
message="tns:ISecureStoreServiceApplication_UpdateApplication_OutputMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_UpdateApplication_SecureStoreServiceTargetApplica
tionNotFoundFaultFault_FaultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_UpdateApplication_ArgumentNullExceptionFault_Faul
tMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_UpdateApplication_SecureStoreServiceFaultFault_Fa
ultMessage"/>
  <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_UpdateApplication_ArgumentExceptionFault_FaultMes
sage"/>
</wsdl:operation>
```

The protocol client sends a **ISecureStoreServiceApplication_UpdateApplication_InputMessage** request message and the protocol server MUST respond with a **ISecureStoreServiceApplication_UpdateApplication_OutputMessage** response message, as follows:

- The protocol client MUST specify a target application, the SSS partition of the target application, a list of target application fields and the claim (2) sets associated with this target application.

- The protocol client MUST NOT change target application name, change the number of target application fields, change name or change type of the target application field.

- When changing target application type, if the specified existing target application is an individual target application, the updated target application MUST also be an individual target application; if the specified existing target application is a group target application, the updated target application MUST also be a group target application.

- The protocol server MUST store the values of the target application friendlyName, contactEmail, credentialManagementUrl, ticketTimeout, credentialType, administrators and target application field masked flag with the protocol client specified values.

If any one of the conditions in the following table is met, the protocol server MUST respond with a SOAP fault containing the corresponding error complex type, serialized as specified in section 2.2.9. If more than one error condition is encountered, the protocol server MUST respond with exactly one error complex type, determined in an implementation-specific manner.

Error Complex Type	Condition
ArgumentException	The **administratorClaims** member in the specified **applicationClaims** parameter is NULL or empty.
ArgumentException	The **contactEmail** member of the **application** parameter is not a valid e-mail address or its length is greater than 128.
ArgumentException	The **applicationId** member of the **application** parameter is 0 or greater than 256.
ArgumentException	The **friendlyName** member of the **application** parameter is 0 or greater than 256.
ArgumentException	The **type** member of the **application** parameter is not a valid TargetApplicationType.
ArgumentException	The **credentialManagementUrl** member of the **application** parameter is not a valid URL or its length is greater than 2084.
SecureStoreServiceFault	The protocol server does not have a master secret key.
SecureStoreServiceFault	The specified **rawPartitionId** parameter is NULL or an implementation specific validation of **rawPartitionId** failed.
SecureStoreServiceFault	One or more target application field's name or **credentialType** member in the specified **applicationFields** parameter does not match with that of the existing target application fields.
SecureStoreServiceFault	The number of target application fields in the specified **applicationFields** parameter does not match the existing number of target application fields.

Error Complex Type	Condition
SecureStoreServiceFault	Change target application type between group target application and individual target application is not allowed.
SecureStoreServiceFault	The caller is not an administrator of the specified target application.
SecureStoreServiceTargetApplicationNotFoundFault	The target application specified by the **applicationId** parameter cannot be found in the SSS store.

3.1.4.28.1 Messages

3.1.4.28.1.1 ISecureStoreServiceApplication_UpdateApplication_InputMessage

The requested WSDL message for a **UpdateApplication** WSDL operation.

The SOAP action value is:

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

The SOAP body contains a **UpdateApplication** element.

3.1.4.28.1.2 ISecureStoreServiceApplication_UpdateApplication_OutputMessage

The response WSDL message for a **UpdateApplication** method.

The SOAP action value is:

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

The SOAP body contains a **UpdateApplicationResponse** element.

3.1.4.28.2 Elements

3.1.4.28.2.1 UpdateApplication

The input data for a **UpdateApplication** WSDL operation.

```
<xs:element name="UpdateApplication">
  <xs:complexType>
    <xs:sequence>
      <xs:element xmlns:q5="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q5:guid"/>
      <xs:element
xmlns:q6="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="1" maxOccurs="1" name="application" type="q6:TargetApplication"/>
      <xs:element
xmlns:q7="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="1" maxOccurs="1" name="applicationFields"
type="q7:ArrayOfTargetApplicationField"/>
```

```
      <xs:element
xmlns:q8="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="1" maxOccurs="1" name="applicationClaims" type="q8:TargetApplicationClaims"/>
      </xs:sequence>
    </xs:complexType>
</xs:element>
```

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

application: target application information.

applicationFields: List of target application fields.

applicationClaims: claims (2) associated with the target application.

3.1.4.28.2.2 UpdateApplicationResponse

The result data for a **UpdateApplication** WSDL operation.

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

3.1.5 Timer Events

None.

3.1.6 Other Local Events

None.

4   Protocol Examples

The following examples describe the process of communication between the protocol server and protocol client. In conjunction with the protocol specification in this document, this information is intended to provide a comprehensive view on how the protocol client operates with the protocol server when executing such an operation. The examples in this section manipulate target application and user claims for target application. However, the principals illustrated apply equally to other protocols described in this document.

4.1   Obtaining Information About the Applications in a Partition

This example describes the requests that are made to get all the target applications in a given partition. The server protocol will respond with a list that contains the target application name, contact e-mail, target application friendly name and type of application.

The protocol client calls **GetApplications** method on a protocol server named "server.contoso.com".

Protocol request:

```
<Message>
   <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
      <Method>POST</Method>
      <QueryString></QueryString>
      <WebHeaders>
         <Content-Length>104184</Content-Length>
         <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
         <Expect>100-continue</Expect>
         <Host>server.contoso.com:32843</Host>
      </WebHeaders>
   </HttpRequest>
   <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
      <s:Header>
         <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/GetApplications</a:Action>
         <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:de926b3e-2a5d-47b9-9756-
33aa6c83079a</a:MessageID>
         <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
            <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
         </a:ReplyTo>
         <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
         <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
            <u:Timestamp u:Id="uuid-39b1ee97-aa35-461f-8ae4-133166c01323-14604"
xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
               <u:Created>2009-05-29T03:30:34.120Z</u:Created>
               <u:Expires>2009-05-29T03:35:34.120Z</u:Expires>
            </u:Timestamp>
```

```
            <saml:Assertion MajorVersion="1" MinorVersion="1" AssertionID="_25c147ea-3b68-
4edd-af84-f8bf4c0a004e" Issuer="STS" IssueInstant="2009-05-29T03:30:34.085Z"
xmlns:saml="urn:oasis:names:tc:SAML:1.0:assertion">
                <saml:Conditions NotBefore="2009-05-29T03:30:34.070Z" NotOnOrAfter="2009-05-
29T13:30:34.070Z">
                    <saml:AudienceRestrictionCondition>

<saml:Audience>http://server.contoso.com:32843/ad004cd209134aecaf4d241a7f56e3ce/SecureStoreSe
rvice.svc</saml:Audience>
                    </saml:AudienceRestrictionCondition>
                </saml:Conditions>
                <saml:AttributeStatement>
                    <saml:Subject>
                        <saml:SubjectConfirmation>
                        <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:holder-of-
key</saml:ConfirmationMethod>
                        <KeyInfo xmlns="http://www.w3.org/2000/09/xmldsig#">
                            <e:EncryptedKey xmlns:e="http://www.w3.org/2001/04/xmlenc#">
                                <e:EncryptionMethod
Algorithm="http://www.w3.org/2001/04/xmlenc#rsa-oaep-mgf1p">
                                    <DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"></DigestMethod>
                                </e:EncryptionMethod>
                                <KeyInfo>
                                    <o:SecurityTokenReference xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                                        <X509Data>
                                            <X509IssuerSerial>
                                            <X509IssuerName>CN=localhost, OU=SharePoint,
O=Contoso</X509IssuerName>

<X509SerialNumber>63097498714032793087967156244734152726</X509SerialNumber>
                                            </X509IssuerSerial>
                                        </X509Data>
                                    </o:SecurityTokenReference>
                                </KeyInfo>
                                <e:CipherData>
                                    <e:CipherValue><!-- Removed--></e:CipherValue>
                                </e:CipherData>
                            </e:EncryptedKey>
                        </KeyInfo>
                        </saml:SubjectConfirmation>
                    </saml:Subject>
                    <saml:Attribute AttributeName="primarysid"
AttributeNamespace="http://schemas.microsoft.com/ws/2008/06/identity/claims"
a:OriginalIssuer="Windows" xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
                        <saml:AttributeValue>
                            <!-- Removed-->
                        </saml:AttributeValue>
                    </saml:Attribute>
                    <saml:Attribute AttributeName="primarygroupsid"
AttributeNamespace="http://schemas.microsoft.com/ws/2008/06/identity/claims"
a:OriginalIssuer="Windows" xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
                        <saml:AttributeValue>
                            <!-- Removed-->
                        </saml:AttributeValue>
                    </saml:Attribute>
                    <saml:Attribute AttributeName="groupsid"
AttributeNamespace="http://schemas.microsoft.com/ws/2008/06/identity/claims"
a:OriginalIssuer="Windows" xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
```

```
                           <saml:AttributeValue>
                               <!-- Removed-->
                           </saml:AttributeValue>
                       </saml:Attribute>
                       <saml:Attribute AttributeName="userlogonname"
AttributeNamespace="http://schemas.microsoft.com/sharepoint/2009/08/claims"
a:OriginalIssuer="Windows" xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
                           <saml:AttributeValue>
                               <!-- Removed-->
                           </saml:AttributeValue>
                       </saml:Attribute>
                       <saml:Attribute AttributeName="userid"
AttributeNamespace="http://schemas.microsoft.com/sharepoint/2009/08/claims"
a:OriginalIssuer="SecurityTokenService"
xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
                           <saml:AttributeValue>
                               <!-- Removed-->
                           </saml:AttributeValue>
                       </saml:Attribute>
                       <saml:Attribute AttributeName="identityprovider"
AttributeNamespace="http://schemas.microsoft.com/sharepoint/2009/08/claims">
                           <saml:AttributeValue>
                               <!-- Removed-->
                           </saml:AttributeValue>
                       </saml:Attribute>
                       <saml:Attribute AttributeName="farmid"
AttributeNamespace="http://schemas.microsoft.com/sharepoint/2009/08/claims"
a:OriginalIssuer="ClaimProvider:System"
xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
                           <saml:AttributeValue>
                               <!-- Removed-->
                           </saml:AttributeValue>
                       </saml:Attribute>
                       <saml:Attribute AttributeName="handle"
AttributeNamespace="http://schemas.microsoft.com/sharepoint/2009/08/claims/windowstoken"
a:OriginalIssuer="ClaimProvider:System"
xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
                           <saml:AttributeValue>
                               <!-- Removed-->
                           </saml:AttributeValue>
                       </saml:Attribute>
                       <saml:Attribute AttributeName="processid"
AttributeNamespace="http://sharepoint.microsoft.com/claims/2009/01/windowstoken"
a:OriginalIssuer="ClaimProvider:System"
xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
                           <saml:AttributeValue>
                               <!-- Removed-->
                           </saml:AttributeValue>
                       </saml:Attribute>
                       <saml:Attribute AttributeName="processidentitylogonname"
AttributeNamespace="http://schemas.microsoft.com/sharepoint/2009/08/claims"
a:OriginalIssuer="ClaimProvider:System"
xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
                           <saml:AttributeValue>
                               <!-- Removed-->
                           </saml:AttributeValue>
                       </saml:Attribute>
                       <saml:Attribute AttributeName="processidentitysid"
AttributeNamespace="http://schemas.microsoft.com/sharepoint/2009/08/claims"
a:OriginalIssuer="ClaimProvider:System"
xmlns:a="http://schemas.microsoft.com/ws/2008/06/identity">
```

```
                    <saml:AttributeValue>
                        <!-- Removed-->
                    </saml:AttributeValue>
                </saml:Attribute>
                <saml:Attribute AttributeName="name"
  AttributeNamespace="http://schemas.xmlsoap.org/ws/2005/05/identity/claims">
                    <saml:AttributeValue>
                        <!-- Removed-->
                    </saml:AttributeValue>
                </saml:Attribute>
                <saml:Attribute AttributeName="actingas"
  AttributeNamespace="http://schemas.microsoft.com/ws/2008/06/identity/claims">
                    <saml:AttributeValue>
                        <!-- Removed-->
                    </saml:AttributeValue>
                </saml:Attribute>
            </saml:AttributeStatement>
            <ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
                <ds:SignedInfo>
                    <ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-
  c14n#"></ds:CanonicalizationMethod>
                    <ds:SignatureMethod Algorithm="http://www.w3.org/2000/09/xmldsig#rsa-
  sha1"></ds:SignatureMethod>
                    <ds:Reference URI="#_25c147ea-3b68-4edd-af84-f8bf4c0a004e">
                        <ds:Transforms>
                            <ds:Transform
  Algorithm="http://www.w3.org/2000/09/xmldsig#enveloped-signature"></ds:Transform>
                            <ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-
  c14n#"></ds:Transform>
                        </ds:Transforms>
                        <ds:DigestMethod
  Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"></ds:DigestMethod>
                        <ds:DigestValue><!-- Removed--></ds:DigestValue>
                    </ds:Reference>
                </ds:SignedInfo>
                <ds:SignatureValue><!-- Removed--></ds:SignatureValue>
                <KeyInfo xmlns="http://www.w3.org/2000/09/xmldsig#">
                    <X509Data>
                        <X509Certificate><!-- Removed--></X509Certificate>
                    </X509Data>
                </KeyInfo>
            </ds:Signature>
        </saml:Assertion>
        <c:DerivedKeyToken u:Id="_0" xmlns:c="http://schemas.xmlsoap.org/ws/2005/02/sc"
  xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
            <o:SecurityTokenReference>
                <o:KeyIdentifier ValueType="http://docs.oasis-open.org/wss/oasis-wss-saml-
  token-profile-1.0#SAMLAssertionID">_25c147ea-3b68-4edd-af84-f8bf4c0a004e</o:KeyIdentifier>
            </o:SecurityTokenReference>
            <c:Offset>0</c:Offset>
            <c:Length>24</c:Length>
            <c:Nonce>
                <!-- Removed-->
            </c:Nonce>
        </c:DerivedKeyToken>
        <c:DerivedKeyToken u:Id="_1" xmlns:c="http://schemas.xmlsoap.org/ws/2005/02/sc"
  xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
            <o:SecurityTokenReference>
                <o:KeyIdentifier ValueType="http://docs.oasis-open.org/wss/oasis-wss-saml-
  token-profile-1.0#SAMLAssertionID">_25c147ea-3b68-4edd-af84-f8bf4c0a004e</o:KeyIdentifier>
```

```
                </o:SecurityTokenReference>
                <c:Nonce>
                    <!-- Removed-->
                </c:Nonce>
            </c:DerivedKeyToken>
            <e:ReferenceList xmlns:e="http://www.w3.org/2001/04/xmlenc#">
                <e:DataReference URI="#_3"></e:DataReference>
                <e:DataReference URI="#_8"></e:DataReference>
            </e:ReferenceList>
            <Signature xmlns="http://www.w3.org/2000/09/xmldsig#">
                <SignedInfo>
                    <CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></CanonicalizationMethod>
                    <SignatureMethod Algorithm="http://www.w3.org/2000/09/xmldsig#hmac-
sha1"></SignatureMethod>
                    <Reference URI="#_2">
                        <Transforms>
                            <Transform Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></Transform>
                        </Transforms>
                        <DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"></DigestMethod>
                        <DigestValue><!-- Removed--></DigestValue>
                    </Reference>
                    <Reference URI="#_4">
                        <Transforms>
                            <Transform Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></Transform>
                        </Transforms>
                        <DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"></DigestMethod>
                        <DigestValue><!-- Removed--></DigestValue>
                    </Reference>
                    <Reference URI="#_5">
                        <Transforms>
                            <Transform Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></Transform>
                        </Transforms>
                        <DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"></DigestMethod>
                        <DigestValue><!-- Removed--></DigestValue>
                    </Reference>
                    <Reference URI="#_6">
                        <Transforms>
                            <Transform Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></Transform>
                        </Transforms>
                        <DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"></DigestMethod>
                        <DigestValue><!-- Removed--></DigestValue>
                    </Reference>
                    <Reference URI="#_7">
                        <Transforms>
                            <Transform Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></Transform>
                        </Transforms>
                        <DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"></DigestMethod>
                        <DigestValue><!-- Removed--></DigestValue>
                    </Reference>
```

```
                <Reference URI="#uuid-39b1ee97-aa35-461f-8ae4-133166c01323-14604">
                    <Transforms>
                        <Transform Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></Transform>
                    </Transforms>
                    <DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"></DigestMethod>
                    <DigestValue><!-- Removed--></DigestValue>
                </Reference>
            </SignedInfo>
            <SignatureValue><!-- Removed--></SignatureValue>
            <KeyInfo>
                <o:SecurityTokenReference xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                    <o:Reference URI="#_0"></o:Reference>
                </o:SecurityTokenReference>
            </KeyInfo>
        </Signature>
    </o:Security>
  </s:Header>
  <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
        <GetApplications
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
            <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
        </GetApplications>
    </s:Body>
  </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/GetApplicationsResponse</a:Action>
        </s:Header>
        <s:Body>
            <GetApplicationsResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <GetApplicationsResult
xmlns:d4p1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Serve
r" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                    <d4p1:TargetApplication>
                        <d4p1:appId>MyTargetApplication</d4p1:appId>
                        <d4p1:contactEmail>contactAdmin@contoso.com</d4p1:contactEmail>

<d4p1:credentialManagementUrl>http://contoso.com/credentials.aspx</d4p1:credentialManagementU
rl>
                        <d4p1:friendlyName>My Target Application</d4p1:friendlyName>
                        <d4p1:ticketTimeout>2</d4p1:ticketTimeout>
                        <d4p1:type>Individual</d4p1:type>
                    </d4p1:TargetApplication>
                </GetApplicationsResult>
            </GetApplicationsResponse>
```

```
            </s:Body>
        </s:Envelope>
    </Message>
```

4.2 Obtaining Information About an Application

This example describes the requests that are made to get the details of the target application with the target application name "MyTargetApplication". Note that the details does not contain the fields information and the application claims information. Refer to the proper examples to get the application fields and the application claims.

The protocol client calls **GetApplication** method on a protocol server named "server.contoso.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
        <Method>POST</Method>
        <QueryString></QueryString>
        <WebHeaders>
            <Content-Length>104223</Content-Length>
            <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
            <Expect>100-continue</Expect>
            <Host>server.contoso.com:32843</Host>
        </WebHeaders>
    </HttpRequest>
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/GetApplication</a:Action>
            <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:21123c2a-f2ed-467e-8275-
95a963debae7</a:MessageID>
            <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
                <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
            </a:ReplyTo>
            <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
            <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                <!-- This section is same as the preceding Example 1. -->
            </o:Security>
        </s:Header>
        <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
            <GetApplication
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
                <applicationId>MyTargetApplication</applicationId>
            </GetApplication>
```

```
        </s:Body>
    </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/GetApplicationResponse</a:Action>
        </s:Header>
        <s:Body>
            <GetApplicationResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <GetApplicationResult
xmlns:d4p1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Serve
r" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                    <d4p1:appId>targetapp</d4p1:appId>
                    <d4p1:contactEmail>contactAdmin@contoso.com</d4p1:contactEmail>

<d4p1:credentialManagementUrl>http://contoso.com/credentials.aspx</d4p1:credentialManagementU
rl>
                    <d4p1:friendlyName>Display Name23</d4p1:friendlyName>
                    <d4p1:ticketTimeout>2</d4p1:ticketTimeout>
<d4p1:type>Individual</d4p1:type>
                </GetApplicationResult>
            </GetApplicationResponse>
        </s:Body>
    </s:Envelope>
</Message>
```

4.3 Retrieving the Application Fields of an Application

This example describes the requests that are made to get the application fields of the target application with the target application name "MyTargetApplication".

The protocol client calls **GetApplicationFields** method on a protocol server named "server.contoso.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
        <Method>POST</Method>
        <QueryString></QueryString>
        <WebHeaders>
            <Content-Length>104253</Content-Length>
            <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
            <Expect>100-continue</Expect>
            <Host>server.contoso.com:32843</Host>
        </WebHeaders>
    </HttpRequest>
```

```
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
        <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/GetApplicationFields</a:Action>
        <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:05218963-5188-4af7-8f0b-
d54600d768ba</a:MessageID>
        <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
            <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
        </a:ReplyTo>
        <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
        <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
            <!-- This section is same as the preceding Example 1. -->
        </o:Security>
        </s:Header>
        <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
        <GetApplicationFields
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
            <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
            <applicationId> MyTargetApplication</applicationId>
        </GetApplicationFields>
        </s:Body>
    </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
        <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/GetApplicationFieldsResponse</a:Action>
        </s:Header>
        <s:Body>
        <GetApplicationFieldsResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
            <GetApplicationFieldsResult
xmlns:d4p1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Serve
r" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                <d4p1:TargetApplicationField>
                <d4p1:credentialType>UserName</d4p1:credentialType>
                <d4p1:masked>false</d4p1:masked>
                <d4p1:name>User Name</d4p1:name>
                </d4p1:TargetApplicationField>
                <d4p1:TargetApplicationField>
                <d4p1:credentialType>Password</d4p1:credentialType>
                <d4p1:masked>true</d4p1:masked>
                <d4p1:name>Password</d4p1:name>
```

```
                </d4p1:TargetApplicationField>
            </GetApplicationFieldsResult>
        </GetApplicationFieldsResponse>
      </s:Body>
    </s:Envelope>
</Message>
```

4.4   Retrieving the Application Claims of an Application

This example describes the requests that are made to get the application claims of the target application with the target application name "MyTargetApplication".

The protocol client calls **GetApplicationClaims** method on a protocol server named "server.contoso.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
        <Method>POST</Method>
        <QueryString></QueryString>
        <WebHeaders>
            <Content-Length>104253</Content-Length>
            <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
            <Expect>100-continue</Expect>
            <Host>server.contoso.com:32843</Host>
        </WebHeaders>
    </HttpRequest>
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
          <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/GetApplicationClaims</a:Action>
          <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:3c0494a3-bea5-497f-b78d-
2f7514bbfaa4</a:MessageID>
          <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
              <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
          </a:ReplyTo>
          <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
          <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
              <!-- This section is same as the preceding Example 1. -->
          </o:Security>
        </s:Header>
        <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
          <GetApplicationClaims
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
              <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
              <applicationId> MyTargetApplication</applicationId>
```

```
            </GetApplicationClaims>
        </s:Body>
    </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/GetApplicationClaimsResponse</a:Action>
        </s:Header>
        <s:Body>
            <GetApplicationClaimsResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <GetApplicationClaimsResult
xmlns:d4p1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Serve
r" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                    <d4p1:administratorClaims>
                    <d4p1:SecureStoreServiceClaim>
                    <d4p1:claimIssuer>localhost</d4p1:claimIssuer>

<d4p1:claimType>http://schemas.microsoft.com/sharepoint/2009/08/claims/userlogonname</d4p1:cl
aimType>
                    <d4p1:claimValue>CONTOSO\john</d4p1:claimValue>
                    </d4p1:SecureStoreServiceClaim>
                    </d4p1:administratorClaims>
                    <d4p1:groupClaims i:nil="true"></d4p1:groupClaims>
                    <d4p1:ticketRedeemerClaims i:nil="true"></d4p1:ticketRedeemerClaims>
                </GetApplicationClaimsResult>
            </GetApplicationClaimsResponse>
        </s:Body>
    </s:Envelope>
</Message>
```

4.5   Deleting an Application

This example describes the requests that are made to delete the target application with the target
application name "MyTargetApplication".

The protocol client calls **DeleteApplication** method on a protocol server named
"server.contoso.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
        <Method>POST</Method>
        <QueryString></QueryString>
        <WebHeaders>
            <Content-Length>104249</Content-Length>
            <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
            <Expect>100-continue</Expect>
```

```
            <Host>server.contoso.com:32843</Host>
        </WebHeaders>
    </HttpRequest>
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/DeleteApplication</a:Action>
            <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:923d106c-d787-4f71-a9a9-
6d93dda1bc7d</a:MessageID>
            <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
                <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
            </a:ReplyTo>
            <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
            <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                <!-- This section is same as the preceding Example 1. -->
            </o:Security>
        </s:Header>
        <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
            <DeleteApplication
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
                <applicationId>MyTargetApplication</applicationId>
            </DeleteApplication>
        </s:Body>
    </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/DeleteApplicationResponse</a:Action>
        </s:Header>
        <s:Body>
            <DeleteApplicationResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/"></DeleteApplicati
onResponse>
        </s:Body>
    </s:Envelope>
</Message>
```

4.6 Setting Up User Credentials for an Application

This example describes the requests that are made to set the credentials for user "CONTOSO\john" in the target application with target application name "MyTargetApplication".

The protocol client calls **SetUserCredentials** method on a protocol server named "server.contoso.com".

Protocol request:

```
<Message>
   <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
      <Method>POST</Method>
      <QueryString></QueryString>
      <WebHeaders>
         <Content-Length>105337</Content-Length>
         <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
         <Expect>100-continue</Expect>
         <Host>server.contoso.com:32843</Host>
      </WebHeaders>
   </HttpRequest>
   <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
      <s:Header>
         <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/SetUserCredentials</a:Action>
         <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:0ab86b6b-1e32-4fa7-8fef-
6a63cc2df4fb</a:MessageID>
         <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
            <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
         </a:ReplyTo>
         <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
         <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
            <!-- This section is same as the preceding Example 1. -->
         </o:Security>
      </s:Header>
      <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
         <SetUserCredentials
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
            <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
            <applicationId> MyTargetApplication</applicationId>
            <claim
xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
               <a:claimIssuer>localhost</a:claimIssuer>

<a:claimType>http://schemas.microsoft.com/sharepoint/2009/08/claims/userlogonname</a:claimTyp
e>
               <a:claimValue>CONTOSO\john</a:claimValue>
            </claim>
```

```
            <credentials
xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                <a:SerializableSecureStoreCredential>
                    <a:credential>U29tZVVzZXI=</a:credential>
                    <a:credentialType>UserName</a:credentialType>
                </a:SerializableSecureStoreCredential>
                <a:SerializableSecureStoreCredential>
                    <a:credential>VG9wU2VjcmV0</a:credential>
                    <a:credentialType>Password</a:credentialType>
                </a:SerializableSecureStoreCredential>
            </credentials>
        </SetUserCredentials>
    </s:Body>
    </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/SetUserCredentialsResponse</a:Action>
        </s:Header>
        <s:Body>
            <SetUserCredentialsResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/"></SetUserCredenti
alsResponse>
        </s:Body>
    </s:Envelope>
</Message>
```

4.7   Updating Application Information

This example describes the requests that are made to update the information of the target
application with the target application name "MyTargetApplication".

The protocol client calls **UpdateApplication** method on a protocol server named
"server.contoso.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
        <Method>POST</Method>
        <QueryString></QueryString>
        <WebHeaders>
            <Content-Length>106489</Content-Length>
            <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
            <Expect>100-continue</Expect>
            <Host>server.contoso.com:32843</Host>
        </WebHeaders>
```

```
        </HttpRequest>
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/UpdateApplication</a:Action>
            <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:7aa44ab6-f5e3-49d1-88f0-
0abe0a286a24</a:MessageID>
            <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
                <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
            </a:ReplyTo>
            <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
            <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                <!-- This section is same as the preceding Example 1. -->
            </o:Security>
        </s:Header>
        <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
            <UpdateApplication
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
                <application
xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                    <a:appId>MyGroupTargetApplication</a:appId>
                    <a:contactEmail>contactAdmin@contoso.com</a:contactEmail>

<a:credentialManagementUrl>https://credentials.aspx/</a:credentialManagementUrl>
                    <a:friendlyName>My Group Target Application</a:friendlyName>
                    <a:ticketTimeout>2</a:ticketTimeout>
                    <a:type>Group</a:type>
                </application>
                <applicationFields
xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                    <a:TargetApplicationField>
                        <a:credentialType>UserName</a:credentialType>
                        <a:masked>false</a:masked>
                        <a:name>User Name</a:name>
                    </a:TargetApplicationField>
                    <a:TargetApplicationField>
                        <a:credentialType>Password</a:credentialType>
                        <a:masked>true</a:masked>
                        <a:name>Password</a:name>
                    </a:TargetApplicationField>
                </applicationFields>
                <applicationClaims
xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                    <a:administratorClaims>
                        <a:SecureStoreServiceClaim>
                            <a:claimIssuer>localhost</a:claimIssuer>
```

```
<a:claimType>http://schemas.microsoft.com/sharepoint/2009/08/claims/userlogonname</a:claimTyp
e>
                        <a:claimValue>CONTOSO\john</a:claimValue>
                    </a:SecureStoreServiceClaim>
                </a:administratorClaims>
                <a:groupClaims>
                    <a:SecureStoreServiceClaim>
                        <a:claimIssuer>localhost</a:claimIssuer>

<a:claimType>http://schemas.microsoft.com/sharepoint/2009/08/claims/userlogonname</a:claimTyp
e>
                        <a:claimValue>CONTOSO\john</a:claimValue>
                    </a:SecureStoreServiceClaim>
                </a:groupClaims>
                <a:ticketRedeemerClaims i:nil="true"></a:ticketRedeemerClaims>
            </applicationClaims>
        </UpdateApplication>
    </s:Body>
  </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
      <s:Header>
        <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/UpdateApplicationResponse</a:Action>
      </s:Header>
      <s:Body>
        <UpdateApplicationResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/"></UpdateApplicati
onResponse>
      </s:Body>
    </s:Envelope>
</Message>
```

4.8   Setting Group Credentials for an Application

This example describes the requests that are made to set the group credentials for the target
application with the target application name "MyGroupTargetApplication".

The protocol client calls **SetGroupCredentials** method on a protocol server named
"server.contoso.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
      <Method>POST</Method>
      <QueryString></QueryString>
      <WebHeaders>
        <Content-Length>104930</Content-Length>
```

```
            <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
            <Expect>100-continue</Expect>
            <Host>server.contoso.com:32843</Host>
        </WebHeaders>
    </HttpRequest>
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/SetGroupCredentials</a:Action>
            <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:223d40a3-7a44-462f-a0aa-
4a59ec8ca559</a:MessageID>
            <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
                <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
            </a:ReplyTo>
            <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
            <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                <!-- This section is same as the preceding Example 1. -->
            </o:Security>
        </s:Header>
        <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
            <SetGroupCredentials
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
                <applicationId>MyGroupTargetApplication</applicationId>
                <credentials
xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                    <a:SerializableSecureStoreCredential>
                        <a:credential>U29tZVVzZXI=</a:credential>
                        <a:credentialType>UserName</a:credentialType>
                    </a:SerializableSecureStoreCredential>
                    <a:SerializableSecureStoreCredential>
                        <a:credential>VG9wU2VjcmV0</a:credential>
                        <a:credentialType>Password</a:credentialType>
                    </a:SerializableSecureStoreCredential>
                </credentials>
            </SetGroupCredentials>
        </s:Body>
    </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
```

```
            <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/SetGroupCredentialsResponse</a:Action>
        </s:Header>
        <s:Body>
            <SetGroupCredentialsResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/"></SetGroupCredent
ialsResponse>
        </s:Body>
    </s:Envelope>
</Message>
```

4.9 Creating an Application in a Partition

This example describes the requests that are made to create a new target application in the specified partition. In this case, the target application is an individual type with two fields: "user name" and "password".

The protocol client calls **CreateApplication** method on a protocol server named "server.contoso.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
        <Method>POST</Method>
        <QueryString></QueryString>
        <WebHeaders>
            <Content-Length>106169</Content-Length>
            <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
            <Expect>100-continue</Expect>
            <Host>server.contoso.com:32843</Host>
        </WebHeaders>
    </HttpRequest>
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/CreateApplication</a:Action>
            <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:c1f5c1b9-b2ef-4dce-9256-
9dd8a6fc4725</a:MessageID>
            <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
                <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
            </a:ReplyTo>
            <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
            <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                <!-- This section is same as the preceding Example 1. -->
            </o:Security>
        </s:Header>
```

```
        <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
          <CreateApplication
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
            <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
            <application
xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
              <a:appId>MyTargetApplication</a:appId>
              <a:contactEmail>contactAdmin@contoso.com</a:contactEmail>

<a:credentialManagementUrl>https://credentials.aspx/</a:credentialManagementUrl>
              <a:friendlyName>Target Application Display Name</a:friendlyName>
              <a:ticketTimeout>2</a:ticketTimeout>
              <a:type>Individual</a:type>
            </application>
            <applicationFields
xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
              <a:TargetApplicationField>
                <a:credentialType>UserName</a:credentialType>
                <a:masked>false</a:masked>
                <a:name>User Name</a:name>
              </a:TargetApplicationField>
              <a:TargetApplicationField>
                <a:credentialType>Password</a:credentialType>
                <a:masked>true</a:masked>
                <a:name>Password</a:name>
              </a:TargetApplicationField>
            </applicationFields>
            <applicationClaims
xmlns:a="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
              <a:administratorClaims>
                <a:SecureStoreServiceClaim>
                  <a:claimIssuer>localhost</a:claimIssuer>

<a:claimType>http://schemas.microsoft.com/sharepoint/2009/08/claims/userlogonname</a:claimTyp
e>
                  <a:claimValue>CONTOSO\john</a:claimValue>
                </a:SecureStoreServiceClaim>
              </a:administratorClaims>
              <a:groupClaims i:nil="true"></a:groupClaims>
              <a:ticketRedeemerClaims i:nil="true"></a:ticketRedeemerClaims>
            </applicationClaims>
          </CreateApplication>
        </s:Body>
    </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
      <s:Header>
        <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/CreateApplicationResponse</a:Action>
```

```
        </s:Header>
    <s:Body>
        <CreateApplicationResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/"></CreateApplicati
onResponse>
        </s:Body>
    </s:Envelope>
</Message>
```

4.10 Retrieving the Credentials of the Current User

This example describes the requests that are made to get the credentials associated with the current user. The credentials are stored in the target application with the target application name "MyTargetApplication". In this example the current user is "CONTOSO\john".

The protocol client calls **GetCredentials** method on a protocol server named "server.contoso.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
        <Method>POST</Method>
        <QueryString></QueryString>
        <WebHeaders>
            <Content-Length>104277</Content-Length>
            <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
            <Expect>100-continue</Expect>
            <Host>server.contoso.com:32843</Host>
        </WebHeaders>
    </HttpRequest>
    <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/GetCredentials</a:Action>
            <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:28742171-803c-42e3-86e4-
0a5c9ec5bbd9</a:MessageID>
            <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
                <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
            </a:ReplyTo>
            <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
            <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                <!-- This section is same as the preceding Example 1. -->
            </o:Security>
        </s:Header>
        <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
            <GetRestrictedCredentials
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
```

```
            <applicationId>MyTargetApplication</applicationId>
        </GetRestrictedCredentials>
    </s:Body>
  </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
      <s:Header>
        <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/GetCredentialsResponse</a:Action>
      </s:Header>
      <s:Body>
        <GetCredentialsResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
          <GetCredentialsResult
xmlns:d4p1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Serve
r" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
              <d4p1:SerializableSecureStoreCredential>
              <d4p1:credential>SomeUser1</d4p1:credential>
              <d4p1:credentialType>UserName</d4p1:credentialType>
              </d4p1:SerializableSecureStoreCredential>
              <d4p1:SerializableSecureStoreCredential>
              <d4p1:credential>TopSecretPassword</d4p1:credential>
              <d4p1:credentialType>Password</d4p1:credentialType>
              </d4p1:SerializableSecureStoreCredential>
          </GetCredentialsResult>
        </GetCredentialsResponse>
      </s:Body>
    </s:Envelope>
</Message>
```

4.11   Retrieving the Credentials of the Current User of a Restricted Application

This example describes the requests that are made to get the credentials stored in the restricted target application with the target application name "WindowsTargetApplication". The server protocol will respond with the credentials associated with the current user, in this case the current user is "CONTOSO\john".

The protocol client calls **GetRestrictedCredentials** method on a protocol server named "server.example.com".

Protocol request:

```
<Message>
    <HttpRequest
xmlns="http://schemas.microsoft.com/2004/06/ServiceModel/Management/MessageTrace">
      <Method>POST</Method>
      <QueryString></QueryString>
      <WebHeaders>
        <Content-Length>104277</Content-Length>
```

```
                <Content-Type>application/soap+xml; charset=utf-8</Content-Type>
                <Expect>100-continue</Expect>
                <Host>server.contoso.com:32843</Host>
            </WebHeaders>
        </HttpRequest>
        <s:Envelope xmlns:s="http://www.w3.org/2003/05/soap-envelope">
            <s:Header>
                <a:Action s:mustUnderstand="1" u:Id="_4" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://schemas.microsoft.com/sharepoint/2009/0
6/securestoreservice/ISecureStoreServiceApplication/GetRestrictedCredentials</a:Action>
                <a:MessageID u:Id="_5" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">urn:uuid:28742171-803c-42e3-86e4-
0a5c9ec5bbd9</a:MessageID>
                <a:ReplyTo u:Id="_6" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-
wss-wssecurity-utility-1.0.xsd" xmlns:a="http://www.w3.org/2005/08/addressing">
                    <a:Address>http://www.w3.org/2005/08/addressing/anonymous</a:Address>
                </a:ReplyTo>
                <a:To s:mustUnderstand="1" u:Id="_7" xmlns:u="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:a="http://www.w3.org/2005/08/addressing">http://server.contoso.com:32843/ad004cd209134a
ecaf4d241a7f56e3ce/SecureStoreService.svc</a:To>
                <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
                    <!-- This section is same as the preceding Example 1. -->
                </o:Security>
            </s:Header>
            <s:Body u:Id="_2" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-utility-1.0.xsd">
                <GetRestrictedCredentials
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                    <rawPartitionId>0c37852b-34d0-418e-91c6-2ac25af4be5b</rawPartitionId>
                    <applicationId>WindowsTargetApplication</applicationId>
                </GetRestrictedCredentials>
            </s:Body>
        </s:Envelope>
</Message>
```

The protocol server then responds with the following:

```
<Message>
    <s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing"
xmlns:s="http://www.w3.org/2003/05/soap-envelope">
        <s:Header>
            <a:Action
s:mustUnderstand="1">http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecu
reStoreServiceApplication/GetRestrictedCredentialsResponse</a:Action>
        </s:Header>
        <s:Body>
            <GetRestrictedCredentialsResponse
xmlns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/">
                <GetRestrictedCredentialsResult
xmlns:d4p1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Serve
r" xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
                    <d4p1:SerializableSecureStoreCredential>
                    <d4p1:credential>CONTOSO\User1</d4p1:credential>
                    <d4p1:credentialType>WindowsUserName</d4p1:credentialType>
```

```
                </d4p1:SerializableSecureStoreCredential>
                <d4p1:SerializableSecureStoreCredential>
                <d4p1:credential>TopSecretPassword</d4p1:credential>
                <d4p1:credentialType>WindowsPassword</d4p1:credentialType>
                </d4p1:SerializableSecureStoreCredential>
            </GetRestrictedCredentialsResult>
          </GetRestrictedCredentialsResponse>
        </s:Body>
      </s:Envelope>
    </Message>
```

5 Security

5.1 Security Considerations for Implementers

Because the information handled by this protocol can contain highly sensitive information, both the protocol server and the protocol client need to be consumed in environments that are appropriately secured. To protect the message, HTTPS can be used.

5.2 Index of Security Parameters

None.

6   Appendix A: Full WSDL

```xml
<?xml version="1.0" encoding="utf-8"?>
<wsdl:definitions xmlns:wsx="http://schemas.xmlsoap.org/ws/2004/09/mex"
xmlns:wsa10="http://www.w3.org/2005/08/addressing"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsdl/contract"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd" xmlns:wsp="http://www.w3.org/ns/ws-policy"
xmlns:wsap="http://schemas.xmlsoap.org/ws/2004/08/addressing/policy"
xmlns:tns="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wsam="http://www.w3.org/2007/05/addressing/metadata"
xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
targetNamespace="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
  <wsdl:types>
    <xs:schema elementFormDefault="qualified"
targetNamespace="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
      <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/" />
      <xs:import
namespace="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" />
      <xs:element name="GetChangeMasterSecretKeyToken">
        <xs:complexType>
          <xs:sequence />
        </xs:complexType>
      </xs:element>
      <xs:element name="GetChangeMasterSecretKeyTokenResponse">
        <xs:complexType>
          <xs:sequence>
            <xs:element minOccurs="0" name="GetChangeMasterSecretKeyTokenResult"
nillable="true" type="xs:string" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="ChangeMasterSecretKey">
        <xs:complexType>
          <xs:sequence>
            <xs:element minOccurs="1" maxOccurs="1" name="token" type="xs:string" />
            <xs:element minOccurs="1" maxOccurs="1" name="passPhraseHash"
type="xs:base64Binary" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="IsMasterSecretKeyPopulated">
        <xs:complexType>
          <xs:sequence />
        </xs:complexType>
      </xs:element>
      <xs:element name="IsMasterSecretKeyPopulatedResponse">
        <xs:complexType>
          <xs:sequence>
            <xs:element minOccurs="1" maxOccurs="1"  name="IsMasterSecretKeyPopulatedResult"
type="xs:boolean" />
          </xs:sequence>
```

```xml
        </xs:complexType>
      </xs:element>
      <xs:element name="SetMasterSecretKey">
        <xs:complexType>
          <xs:sequence>
            <xs:element minOccurs="1" maxOccurs="1" name="passPhraseHash"
  type="xs:base64Binary" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="SetMasterSecretKeyResponse">
        <xs:complexType>
          <xs:sequence />
        </xs:complexType>
      </xs:element>
      <xs:element name="SetChangeKeyPassphrase">
        <xs:complexType>
          <xs:sequence>
            <xs:element minOccurs="1" maxOccurs="1" name="passPhraseHash"
  type="xs:base64Binary" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="SetChangeKeyPassphraseResponse">
        <xs:complexType>
          <xs:sequence />
        </xs:complexType>
      </xs:element>
      <xs:element name="CreateApplication">
        <xs:complexType>
          <xs:sequence>
            <xs:element xmlns:q1="http://schemas.microsoft.com/2003/10/Serialization/"
  minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q1:guid" />
            <xs:element
  xmlns:q2="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
  minOccurs="1" maxOccurs="1" name="application" type="q2:TargetApplication" />
            <xs:element
  xmlns:q3="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
  minOccurs="1" maxOccurs="1" name="applicationFields" type="q3:ArrayOfTargetApplicationField"
  />
            <xs:element
  xmlns:q4="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
  minOccurs="1" maxOccurs="1" name="applicationClaims" type="q4:TargetApplicationClaims" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="CreateApplicationResponse">
        <xs:complexType>
          <xs:sequence />
        </xs:complexType>
      </xs:element>
      <xs:element name="UpdateApplication">
        <xs:complexType>
          <xs:sequence>
            <xs:element xmlns:q5="http://schemas.microsoft.com/2003/10/Serialization/"
  minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q5:guid" />
            <xs:element
  xmlns:q6="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
  minOccurs="1" maxOccurs="1" name="application" type="q6:TargetApplication" />
```

```xml
              <xs:element
xmlns:q7="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="1" maxOccurs="1" name="applicationFields" type="q7:ArrayOfTargetApplicationField"
/>
              <xs:element
xmlns:q8="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
minOccurs="1" maxOccurs="1" name="applicationClaims" type="q8:TargetApplicationClaims" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="UpdateApplicationResponse">
          <xs:complexType>
            <xs:sequence />
          </xs:complexType>
        </xs:element>
        <xs:element name="DeleteApplication">
          <xs:complexType>
            <xs:sequence>
              <xs:element xmlns:q9="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q9:guid" />
              <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="DeleteApplicationResponse">
          <xs:complexType>
            <xs:sequence />
          </xs:complexType>
        </xs:element>
        <xs:element name="GetApplicationClaims">
          <xs:complexType>
            <xs:sequence>
              <xs:element xmlns:q10="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q10:guid" />
              <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="GetApplicationClaimsResponse">
          <xs:complexType>
            <xs:sequence>
              <xs:element
xmlns:q11="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="GetApplicationClaimsResult"
type="q11:TargetApplicationClaims" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="GetApplicationGroupClaims">
          <xs:complexType>
            <xs:sequence>
              <xs:element xmlns:q12="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q12:guid" />
              <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="GetApplicationGroupClaimsResponse">
          <xs:complexType>
            <xs:sequence>
```

```
                <xs:element
xmlns:q13="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="GetApplicationGroupClaimsResult"
type="q13:ArrayOfSecureStoreServiceClaim" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="GetApplicationAdministratorClaims">
          <xs:complexType>
            <xs:sequence>
              <xs:element xmlns:q14="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q14:guid" />
              <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="GetApplicationAdministratorClaimsResponse">
          <xs:complexType>
            <xs:sequence>
              <xs:element
xmlns:q15="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="GetApplicationAdministratorClaimsResult"
type="q15:ArrayOfSecureStoreServiceClaim" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="GetApplicationTicketRedeemerClaims">
          <xs:complexType>
            <xs:sequence>
              <xs:element xmlns:q16="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q16:guid" />
              <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="GetApplicationTicketRedeemerClaimsResponse">
          <xs:complexType>
            <xs:sequence>
              <xs:element
xmlns:q17="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="GetApplicationTicketRedeemerClaimsResult"
type="q17:ArrayOfSecureStoreServiceClaim" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="GetApplication">
          <xs:complexType>
            <xs:sequence>
              <xs:element xmlns:q18="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q18:guid" />
              <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="GetApplicationResponse">
          <xs:complexType>
            <xs:sequence>
              <xs:element
xmlns:q19="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="GetApplicationResult"  type="q19:TargetApplication" />
```

```
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="GetApplicationFields">
        <xs:complexType>
          <xs:sequence>
            <xs:element xmlns:q20="http://schemas.microsoft.com/2003/10/Serialization/"
  minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q20:guid" />
              <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="GetApplicationFieldsResponse">
        <xs:complexType>
          <xs:sequence>
            <xs:element
  xmlns:q21="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
  " minOccurs="1" maxOccurs="1" name="GetApplicationFieldsResult"
  type="q21:ArrayOfTargetApplicationField" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="GetApplications">
        <xs:complexType>
          <xs:sequence>
            <xs:element xmlns:q22="http://schemas.microsoft.com/2003/10/Serialization/"
  minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q22:guid" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="GetApplicationsResponse">
        <xs:complexType>
          <xs:sequence>
            <xs:element
  xmlns:q23="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
  " minOccurs="1" maxOccurs="1" name="GetApplicationsResult"
  type="q23:ArrayOfTargetApplication" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="GetUserApplications">
        <xs:complexType>
          <xs:sequence>
            <xs:element xmlns:q24="http://schemas.microsoft.com/2003/10/Serialization/"
  minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q24:guid" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="GetUserApplicationsResponse">
        <xs:complexType>
          <xs:sequence>
            <xs:element
  xmlns:q25="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
  " minOccurs="1" maxOccurs="1" name="GetUserApplicationsResult"
  type="q25:ArrayOfTargetApplication" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="SetUserCredentials">
        <xs:complexType>
```

```
              <xs:sequence>
                <xs:element xmlns:q26="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q26:guid" />
                <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string" />
                <xs:element
xmlns:q27="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="claim" type="q27:SecureStoreServiceClaim" />
                <xs:element
xmlns:q28="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="credentials"
type="q28:ArrayOfSerializableSecureStoreCredential" />
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element name="SetUserCredentialsResponse">
            <xs:complexType>
              <xs:sequence />
            </xs:complexType>
          </xs:element>
          <xs:element name="SetGroupCredentials">
            <xs:complexType>
              <xs:sequence>
                <xs:element xmlns:q29="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q29:guid" />
                <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string" />
                <xs:element
xmlns:q30="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="credentials"
type="q30:ArrayOfSerializableSecureStoreCredential" />
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element name="SetGroupCredentialsResponse">
            <xs:complexType>
              <xs:sequence />
            </xs:complexType>
          </xs:element>
          <xs:element name="DeleteUserCredentials">
            <xs:complexType>
              <xs:sequence>
                <xs:element xmlns:q31="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q31:guid" />
                <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string" />
                <xs:element
xmlns:q32="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="claim" type="q32:SecureStoreServiceClaim" />
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element name="DeleteUserCredentialsResponse">
            <xs:complexType>
              <xs:sequence />
            </xs:complexType>
          </xs:element>
          <xs:element name="DeleteAllUserCredentials">
            <xs:complexType>
              <xs:sequence>
                <xs:element xmlns:q33="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q33:guid" />
```

```xml
                  <xs:element
xmlns:q34="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="claim" type="q34:SecureStoreServiceClaim" />
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element name="DeleteAllUserCredentialsResponse">
            <xs:complexType>
              <xs:sequence />
            </xs:complexType>
          </xs:element>
          <xs:element name="IssueTicket">
            <xs:complexType>
              <xs:sequence>
                <xs:element xmlns:q35="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q35:guid" />
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element name="IssueTicketResponse">
            <xs:complexType>
              <xs:sequence>
                <xs:element minOccurs="1" maxOccurs="1" name="IssueTicketResult" type="xs:string"
/>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element name="RedeemTicket">
            <xs:complexType>
              <xs:sequence>
                <xs:element xmlns:q36="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q36:guid" />
                <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string" />
                <xs:element minOccurs="1" maxOccurs="1" name="base64EncodedTicket"
type="xs:string" />
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element name="RedeemTicketResponse">
            <xs:complexType>
              <xs:sequence>
                <xs:element
xmlns:q37="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="RedeemTicketResult"
type="q37:ArrayOfSerializableSecureStoreCredential" />
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element name="GetCredentials">
            <xs:complexType>
              <xs:sequence>
                <xs:element xmlns:q38="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q38:guid" />
                <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string" />
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element name="GetCredentialsResponse">
            <xs:complexType>
              <xs:sequence>
```

```
            <xs:element
xmlns:q39="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="0" name="GetCredentialsResult" nillable="true"
type="q39:ArrayOfSerializableSecureStoreCredential" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="GetRestrictedCredentials">
        <xs:complexType>
          <xs:sequence>
            <xs:element xmlns:q40="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q40:guid" />
            <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="GetRestrictedCredentialsResponse">
        <xs:complexType>
          <xs:sequence>
            <xs:element
xmlns:q41="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="0" name="GetRestrictedCredentialsResult" nillable="true"
type="q41:ArrayOfSerializableSecureStoreCredential" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="SetCredentials">
        <xs:complexType>
          <xs:sequence>
            <xs:element xmlns:q42="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q42:guid" />
            <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string" />
            <xs:element
xmlns:q43="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" minOccurs="1" maxOccurs="1" name="credentials"
type="q43:ArrayOfSerializableSecureStoreCredential" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="SetCredentialsResponse">
        <xs:complexType>
          <xs:sequence />
        </xs:complexType>
      </xs:element>
      <xs:element name="DeleteCredentials">
        <xs:complexType>
          <xs:sequence>
            <xs:element xmlns:q44="http://schemas.microsoft.com/2003/10/Serialization/"
minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q44:guid" />
            <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="DeleteCredentialsResponse">
        <xs:complexType>
          <xs:sequence />
        </xs:complexType>
      </xs:element>
      <xs:element name="GetUserApplication">
        <xs:complexType>
```

```xml
            <xs:sequence>
              <xs:element xmlns:q45="http://schemas.microsoft.com/2003/10/Serialization/"
  minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q45:guid" />
              <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="GetUserApplicationResponse">
          <xs:complexType>
            <xs:sequence>
              <xs:element
  xmlns:q46="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
  " minOccurs="1" name="GetUserApplicationResult" type="q46:TargetApplication" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="GetUserApplicationFields">
          <xs:complexType>
            <xs:sequence>
              <xs:element xmlns:q47="http://schemas.microsoft.com/2003/10/Serialization/"
  minOccurs="1" maxOccurs="1" name="rawPartitionId" type="q47:guid" />
              <xs:element minOccurs="1" maxOccurs="1" name="applicationId" type="xs:string" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="GetUserApplicationFieldsResponse">
          <xs:complexType>
            <xs:sequence>
              <xs:element
  xmlns:q48="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
  " minOccurs="1" name="GetUserApplicationFieldsResult"
  type="q48:ArrayOfTargetApplicationField" />
            </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>
    <xs:schema
xmlns:tns="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" elementFormDefault="qualified"
targetNamespace="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.
Server" xmlns:xs="http://www.w3.org/2001/XMLSchema">
      <xs:import
namespace="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Secu
reStore" />
      <xs:complexType name="SecureStoreServiceFault">
        <xs:sequence>
          <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string" />
        </xs:sequence>
      </xs:complexType>
      <xs:element name="SecureStoreServiceFault" nillable="true"
type="tns:SecureStoreServiceFault" />
      <xs:complexType name="TargetApplication">
        <xs:sequence>
          <xs:element name="appId" nillable="true" type="xs:string" />
          <xs:element name="contactEmail" nillable="true" type="xs:string" />
          <xs:element name="credentialManagementUrl" nillable="true" type="xs:anyURI" />
          <xs:element name="friendlyName" nillable="true" type="xs:string" />
          <xs:element name="ticketTimeout" type="xs:int" />
          <xs:element
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Secur
eStore" name="type" type="q1:TargetApplicationType" />
        </xs:sequence>
      </xs:complexType>
      <xs:element name="TargetApplication" nillable="true" type="tns:TargetApplication" />
      <xs:complexType name="ArrayOfTargetApplicationField">
        <xs:sequence>
          <xs:element minOccurs="0" maxOccurs="unbounded" name="TargetApplicationField"
nillable="true" type="tns:TargetApplicationField" />
        </xs:sequence>
      </xs:complexType>
      <xs:element name="ArrayOfTargetApplicationField" nillable="true"
type="tns:ArrayOfTargetApplicationField" />
      <xs:complexType name="TargetApplicationField">
        <xs:sequence>
```

```
        <xs:element
xmlns:q2="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Secur
eStore" name="credentialType" type="q2:SecureStoreCredentialType" />
        <xs:element name="masked" type="xs:boolean" />
        <xs:element name="name" nillable="true" type="xs:string" />
      </xs:sequence>
    </xs:complexType>
    <xs:element name="TargetApplicationField" nillable="true"
type="tns:TargetApplicationField" />
    <xs:complexType name="TargetApplicationClaims">
      <xs:sequence>
        <xs:element name="administratorClaims" nillable="true"
type="tns:ArrayOfSecureStoreServiceClaim" />
        <xs:element name="groupClaims" nillable="true"
type="tns:ArrayOfSecureStoreServiceClaim" />
        <xs:element name="ticketRedeemerClaims" nillable="true"
type="tns:ArrayOfSecureStoreServiceClaim" />
      </xs:sequence>
    </xs:complexType>
    <xs:element name="TargetApplicationClaims" nillable="true"
type="tns:TargetApplicationClaims" />
    <xs:complexType name="ArrayOfSecureStoreServiceClaim">
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded" name="SecureStoreServiceClaim"
nillable="true" type="tns:SecureStoreServiceClaim" />
      </xs:sequence>
    </xs:complexType>
    <xs:element name="ArrayOfSecureStoreServiceClaim" nillable="true"
type="tns:ArrayOfSecureStoreServiceClaim" />
    <xs:complexType name="SecureStoreServiceClaim">
      <xs:sequence>
        <xs:element name="claimIssuer" nillable="true" type="xs:string" />
        <xs:element name="claimType" nillable="true" type="xs:string" />
        <xs:element name="claimValue" nillable="true" type="xs:string" />
      </xs:sequence>
    </xs:complexType>
    <xs:element name="SecureStoreServiceClaim" nillable="true"
type="tns:SecureStoreServiceClaim" />
    <xs:complexType name="SecureStoreServiceTargetApplicationNotFoundFault">
      <xs:sequence>
        <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string" />
        <xs:element minOccurs="0" name="TargetApplicationId" nillable="true"
type="xs:string" />
      </xs:sequence>
    </xs:complexType>
    <xs:element name="SecureStoreServiceTargetApplicationNotFoundFault" nillable="true"
type="tns:SecureStoreServiceTargetApplicationNotFoundFault" />
    <xs:complexType name="ArrayOfTargetApplication">
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded" name="TargetApplication"
nillable="true" type="tns:TargetApplication" />
      </xs:sequence>
    </xs:complexType>
    <xs:element name="ArrayOfTargetApplication" nillable="true"
type="tns:ArrayOfTargetApplication" />
    <xs:complexType name="ArrayOfSerializableSecureStoreCredential">
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded"
name="SerializableSecureStoreCredential" nillable="true"
type="tns:SerializableSecureStoreCredential" />
```

```
          </xs:sequence>
        </xs:complexType>
        <xs:element name="ArrayOfSerializableSecureStoreCredential" nillable="true"
type="tns:ArrayOfSerializableSecureStoreCredential" />
        <xs:complexType name="SerializableSecureStoreCredential">
          <xs:sequence>
            <xs:element name="credential" nillable="true" type="xs:base64Binary" />
            <xs:element
xmlns:q3="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Secur
eStore" name="credentialType" type="q3:SecureStoreCredentialType" />
          </xs:sequence>
        </xs:complexType>
        <xs:element name="SerializableSecureStoreCredential" nillable="true"
type="tns:SerializableSecureStoreCredential" />
        <xs:complexType name="SecureStoreServiceCredentialsNotFoundFault">
          <xs:sequence>
            <xs:element minOccurs="0" name="CredentialManagementUrl" nillable="true"
type="xs:anyURI" />
            <xs:element minOccurs="0" name="Message" nillable="true" type="xs:string" />
            <xs:element minOccurs="0" name="TargetApplicationId" nillable="true"
type="xs:string" />
          </xs:sequence>
        </xs:complexType>
        <xs:element name="SecureStoreServiceCredentialsNotFoundFault" nillable="true"
type="tns:SecureStoreServiceCredentialsNotFoundFault" />
    </xs:schema>
    <xs:schema
xmlns:tns="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructure.Secu
reStore" elementFormDefault="qualified"
targetNamespace="http://schemas.datacontract.org/2004/07/Microsoft.BusinessData.Infrastructur
e.SecureStore" xmlns:xs="http://www.w3.org/2001/XMLSchema">
        <xs:simpleType name="TargetApplicationType">
          <xs:restriction base="xs:string">
            <xs:enumeration value="Individual" />
            <xs:enumeration value="Group" />
            <xs:enumeration value="IndividualWithTicketing" />
            <xs:enumeration value="GroupWithTicketing" />
            <xs:enumeration value="RestrictedIndividual" />
            <xs:enumeration value="RestrictedGroup" />
          </xs:restriction>
        </xs:simpleType>
        <xs:element name="TargetApplicationType" nillable="true"
type="tns:TargetApplicationType" />
        <xs:simpleType name="SecureStoreCredentialType">
          <xs:restriction base="xs:string">
            <xs:enumeration value="UserName" />
            <xs:enumeration value="Password" />
            <xs:enumeration value="Pin" />
            <xs:enumeration value="Key" />
            <xs:enumeration value="Generic" />
            <xs:enumeration value="WindowsUserName" />
            <xs:enumeration value="WindowsPassword" />
          </xs:restriction>
        </xs:simpleType>
        <xs:element name="SecureStoreCredentialType" nillable="true"
type="tns:SecureStoreCredentialType" />
    </xs:schema>
    <xs:schema xmlns:tns="http://schemas.datacontract.org/2004/07/System"
xmlns:ser="http://schemas.microsoft.com/2003/10/Serialization/"
elementFormDefault="qualified"
```

```
      targetNamespace="http://schemas.datacontract.org/2004/07/System"
    xmlns:xs="http://www.w3.org/2001/XMLSchema">
          <xs:import namespace="http://schemas.microsoft.com/2003/10/Serialization/" />
          <xs:complexType name="ArgumentOutOfRangeException">
            <xs:complexContent mixed="false">
              <xs:extension base="tns:ArgumentException" />
            </xs:complexContent>
          </xs:complexType>
          <xs:element name="ArgumentOutOfRangeException" nillable="true"
    type="tns:ArgumentOutOfRangeException" />
          <xs:complexType name="ArgumentException">
            <xs:complexContent mixed="false">
              <xs:extension base="tns:SystemException" />
            </xs:complexContent>
          </xs:complexType>
          <xs:element name="ArgumentException" nillable="true" type="tns:ArgumentException" />
          <xs:complexType name="SystemException">
            <xs:complexContent mixed="false">
              <xs:extension base="tns:Exception" />
            </xs:complexContent>
          </xs:complexType>
          <xs:element name="SystemException" nillable="true" type="tns:SystemException" />
          <xs:complexType name="Exception">
            <xs:sequence>
              <xs:any minOccurs="0" maxOccurs="unbounded" namespace="##local"
    processContents="skip" />
            </xs:sequence>
            <xs:attribute ref="ser:FactoryType" />
          </xs:complexType>
          <xs:element name="Exception" nillable="true" type="tns:Exception" />
          <xs:complexType name="ArgumentNullException">
            <xs:complexContent mixed="false">
              <xs:extension base="tns:ArgumentException" />
            </xs:complexContent>
          </xs:complexType>
          <xs:element name="ArgumentNullException" nillable="true"
    type="tns:ArgumentNullException" />
        </xs:schema>
      </wsdl:types>
      <wsdl:message
    name="ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_InputMessage">
        <wsdl:part name="parameters" element="tns:GetChangeMasterSecretKeyToken" />
      </wsdl:message>
      <wsdl:message
    name="ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_OutputMessage">
        <wsdl:part name="parameters" element="tns:GetChangeMasterSecretKeyTokenResponse" />
      </wsdl:message>
      <wsdl:message name="ISecureStoreServiceApplication_ChangeMasterSecretKey_InputMessage">
        <wsdl:part name="parameters" element="tns:ChangeMasterSecretKey" />
      </wsdl:message>
      <wsdl:message
    name="ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_InputMessage">
        <wsdl:part name="parameters" element="tns:IsMasterSecretKeyPopulated" />
      </wsdl:message>
      <wsdl:message
    name="ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_OutputMessage">
        <wsdl:part name="parameters" element="tns:IsMasterSecretKeyPopulatedResponse" />
      </wsdl:message>
      <wsdl:message name="ISecureStoreServiceApplication_SetMasterSecretKey_InputMessage">
        <wsdl:part name="parameters" element="tns:SetMasterSecretKey" />
```

```
    </wsdl:message>
    <wsdl:message name="ISecureStoreServiceApplication_SetMasterSecretKey_OutputMessage">
      <wsdl:part name="parameters" element="tns:SetMasterSecretKeyResponse" />
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_SetMasterSecretKey_SecureStoreServiceFaultFault_FaultMes
sage">
      <wsdl:part
xmlns:q1="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q1:SecureStoreServiceFault" />
    </wsdl:message>
    <wsdl:message name="ISecureStoreServiceApplication_SetChangeKeyPassphrase_InputMessage">
      <wsdl:part name="parameters" element="tns:SetChangeKeyPassphrase" />
    </wsdl:message>
    <wsdl:message name="ISecureStoreServiceApplication_SetChangeKeyPassphrase_OutputMessage">
      <wsdl:part name="parameters" element="tns:SetChangeKeyPassphraseResponse" />
    </wsdl:message>
    <wsdl:message name="ISecureStoreServiceApplication_CreateApplication_InputMessage">
      <wsdl:part name="parameters" element="tns:CreateApplication" />
    </wsdl:message>
    <wsdl:message name="ISecureStoreServiceApplication_CreateApplication_OutputMessage">
      <wsdl:part name="parameters" element="tns:CreateApplicationResponse" />
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_CreateApplication_ArgumentOutOfRangeExceptionFault_Fault
Message">
      <wsdl:part xmlns:q2="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q2:ArgumentOutOfRangeException" />
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_CreateApplication_ArgumentNullExceptionFault_FaultMessag
e">
      <wsdl:part xmlns:q3="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q3:ArgumentNullException" />
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_CreateApplication_SecureStoreServiceFaultFault_FaultMess
age">
      <wsdl:part
xmlns:q4="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q4:SecureStoreServiceFault" />
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_CreateApplication_ArgumentExceptionFault_FaultMessage">
      <wsdl:part xmlns:q5="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q5:ArgumentException" />
    </wsdl:message>
    <wsdl:message name="ISecureStoreServiceApplication_UpdateApplication_InputMessage">
      <wsdl:part name="parameters" element="tns:UpdateApplication" />
    </wsdl:message>
    <wsdl:message name="ISecureStoreServiceApplication_UpdateApplication_OutputMessage">
      <wsdl:part name="parameters" element="tns:UpdateApplicationResponse" />
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_UpdateApplication_SecureStoreServiceTargetApplicationNot
FoundFaultFault_FaultMessage">
      <wsdl:part
xmlns:q6="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q6:SecureStoreServiceTargetApplicationNotFoundFault" />
    </wsdl:message>
```

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  <wsdl:message
name="ISecureStoreServiceApplication_UpdateApplication_ArgumentNullExceptionFault_FaultMessag
e">
    <wsdl:part xmlns:q7="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q7:ArgumentNullException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_UpdateApplication_SecureStoreServiceFaultFault_FaultMess
age">
    <wsdl:part
xmlns:q8="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server"
name="detail" element="q8:SecureStoreServiceFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_UpdateApplication_ArgumentExceptionFault_FaultMessage">
    <wsdl:part xmlns:q9="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q9:ArgumentException" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_DeleteApplication_InputMessage">
    <wsdl:part name="parameters" element="tns:DeleteApplication" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_DeleteApplication_OutputMessage">
    <wsdl:part name="parameters" element="tns:DeleteApplicationResponse" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_DeleteApplication_SecureStoreServiceTargetApplicationNot
FoundFaultFault_FaultMessage">
    <wsdl:part
xmlns:q10="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q10:SecureStoreServiceTargetApplicationNotFoundFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_DeleteApplication_ArgumentNullExceptionFault_FaultMessag
e">
    <wsdl:part xmlns:q11="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q11:ArgumentNullException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_DeleteApplication_ArgumentExceptionFault_FaultMessage">
    <wsdl:part xmlns:q12="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q12:ArgumentException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_DeleteApplication_SecureStoreServiceFaultFault_FaultMess
age">
    <wsdl:part
xmlns:q13="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q13:SecureStoreServiceFault" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetApplicationClaims_InputMessage">
    <wsdl:part name="parameters" element="tns:GetApplicationClaims" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetApplicationClaims_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetApplicationClaimsResponse" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationClaims_ArgumentExceptionFault_FaultMessage
">
    <wsdl:part xmlns:q14="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q14:ArgumentException" />
  </wsdl:message>
```

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<wsdl:message
name="ISecureStoreServiceApplication_GetApplicationClaims_SecureStoreServiceTargetApplication
NotFoundFaultFault_FaultMessage">
   <wsdl:part
xmlns:q15="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q15:SecureStoreServiceTargetApplicationNotFoundFault" />
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationClaims_ArgumentNullExceptionFault_FaultMes
sage">
      <wsdl:part xmlns:q16="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q16:ArgumentNullException" />
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationClaims_SecureStoreServiceFaultFault_FaultM
essage">
   <wsdl:part
xmlns:q17="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q17:SecureStoreServiceFault" />
   </wsdl:message>
   <wsdl:message name="ISecureStoreServiceApplication_GetApplicationGroupClaims_InputMessage">
      <wsdl:part name="parameters" element="tns:GetApplicationGroupClaims" />
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationGroupClaims_OutputMessage">
      <wsdl:part name="parameters" element="tns:GetApplicationGroupClaimsResponse" />
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationGroupClaims_SecureStoreServiceTargetApplic
ationNotFoundFaultFault_FaultMessage">
   <wsdl:part
xmlns:q18="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q18:SecureStoreServiceTargetApplicationNotFoundFault" />
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationGroupClaims_ArgumentNullExceptionFault_Fau
ltMessage">
      <wsdl:part xmlns:q19="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q19:ArgumentNullException" />
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationGroupClaims_ArgumentExceptionFault_FaultMe
ssage">
      <wsdl:part xmlns:q20="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q20:ArgumentException" />
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationGroupClaims_SecureStoreServiceFaultFault_F
aultMessage">
   <wsdl:part
xmlns:q21="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q21:SecureStoreServiceFault" />
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationAdministratorClaims_InputMessage">
      <wsdl:part name="parameters" element="tns:GetApplicationAdministratorClaims" />
   </wsdl:message>
   <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationAdministratorClaims_OutputMessage">
      <wsdl:part name="parameters" element="tns:GetApplicationAdministratorClaimsResponse" />
   </wsdl:message>
```

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  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationAdministratorClaims_ArgumentNullExceptionF
ault_FaultMessage">
    <wsdl:part xmlns:q22="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q22:ArgumentNullException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationAdministratorClaims_ArgumentExceptionFault
_FaultMessage">
    <wsdl:part xmlns:q23="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q23:ArgumentException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationAdministratorClaims_SecureStoreServiceTarg
etApplicationNotFoundFaultFault_FaultMessage">
    <wsdl:part
xmlns:q24="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q24:SecureStoreServiceTargetApplicationNotFoundFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationAdministratorClaims_SecureStoreServiceFaul
tFault_FaultMessage">
    <wsdl:part
xmlns:q25="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q25:SecureStoreServiceFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_InputMessage">
    <wsdl:part name="parameters" element="tns:GetApplicationTicketRedeemerClaims" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetApplicationTicketRedeemerClaimsResponse" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_ArgumentNullException
Fault_FaultMessage">
    <wsdl:part xmlns:q26="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q26:ArgumentNullException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_ArgumentExceptionFaul
t_FaultMessage">
    <wsdl:part xmlns:q27="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q27:ArgumentException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_SecureStoreServiceFau
ltFault_FaultMessage">
    <wsdl:part
xmlns:q28="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q28:SecureStoreServiceFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_SecureStoreServiceTar
getApplicationNotFoundFaultFault_FaultMessage">
    <wsdl:part
xmlns:q29="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q29:SecureStoreServiceTargetApplicationNotFoundFault" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetApplication_InputMessage">
    <wsdl:part name="parameters" element="tns:GetApplication" />
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  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetApplication_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetApplicationResponse" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplication_ArgumentExceptionFault_FaultMessage">
    <wsdl:part xmlns:q30="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q30:ArgumentException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplication_SecureStoreServiceFaultFault_FaultMessage
">
    <wsdl:part
xmlns:q31="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q31:SecureStoreServiceFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplication_SecureStoreServiceTargetApplicationNotFou
ndFaultFault_FaultMessage">
    <wsdl:part
xmlns:q32="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q32:SecureStoreServiceTargetApplicationNotFoundFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplication_ArgumentNullExceptionFault_FaultMessage">
    <wsdl:part xmlns:q33="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q33:ArgumentNullException" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetApplicationFields_InputMessage">
    <wsdl:part name="parameters" element="tns:GetApplicationFields" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetApplicationFields_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetApplicationFieldsResponse" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationFields_SecureStoreServiceFaultFault_FaultM
essage">
    <wsdl:part
xmlns:q34="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q34:SecureStoreServiceFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationFields_ArgumentNullExceptionFault_FaultMes
sage">
    <wsdl:part xmlns:q35="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q35:ArgumentNullException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationFields_ArgumentExceptionFault_FaultMessage
">
    <wsdl:part xmlns:q36="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q36:ArgumentException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplicationFields_SecureStoreServiceTargetApplication
NotFoundFaultFault_FaultMessage">
    <wsdl:part
xmlns:q37="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q37:SecureStoreServiceTargetApplicationNotFoundFault" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetApplications_InputMessage">
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    <wsdl:part name="parameters" element="tns:GetApplications" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetApplications_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetApplicationsResponse" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetApplications_SecureStoreServiceFaultFault_FaultMessag
e">
    <wsdl:part
xmlns:q38="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q38:SecureStoreServiceFault" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetUserApplications_InputMessage">
    <wsdl:part name="parameters" element="tns:GetUserApplications" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetUserApplications_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetUserApplicationsResponse" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetUserApplications_SecureStoreServiceFaultFault_FaultMe
ssage">
    <wsdl:part
xmlns:q39="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q39:SecureStoreServiceFault" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_SetUserCredentials_InputMessage">
    <wsdl:part name="parameters" element="tns:SetUserCredentials" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_SetUserCredentials_OutputMessage">
    <wsdl:part name="parameters" element="tns:SetUserCredentialsResponse" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetUserCredentials_ArgumentExceptionFault_FaultMessage">
    <wsdl:part xmlns:q40="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q40:ArgumentException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetUserCredentials_ArgumentNullExceptionFault_FaultMessa
ge">
    <wsdl:part xmlns:q41="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q41:ArgumentNullException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetUserCredentials_SecureStoreServiceFaultFault_FaultMes
sage">
    <wsdl:part
xmlns:q42="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q42:SecureStoreServiceFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetUserCredentials_SecureStoreServiceTargetApplicationNo
tFoundFaultFault_FaultMessage">
    <wsdl:part
xmlns:q43="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q43:SecureStoreServiceTargetApplicationNotFoundFault" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_SetGroupCredentials_InputMessage">
    <wsdl:part name="parameters" element="tns:SetGroupCredentials" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_SetGroupCredentials_OutputMessage">
    <wsdl:part name="parameters" element="tns:SetGroupCredentialsResponse" />
```

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    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_SetGroupCredentials_ArgumentNullExceptionFault_FaultMess
age">
      <wsdl:part xmlns:q44="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q44:ArgumentNullException" />
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_SetGroupCredentials_SecureStoreServiceFaultFault_FaultMe
ssage">
      <wsdl:part
xmlns:q45="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q45:SecureStoreServiceFault" />
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_SetGroupCredentials_SecureStoreServiceTargetApplicationN
otFoundFaultFault_FaultMessage">
      <wsdl:part
xmlns:q46="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q46:SecureStoreServiceTargetApplicationNotFoundFault" />
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_SetGroupCredentials_ArgumentExceptionFault_FaultMessage"
>
      <wsdl:part xmlns:q47="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q47:ArgumentException" />
    </wsdl:message>
    <wsdl:message name="ISecureStoreServiceApplication_DeleteUserCredentials_InputMessage">
      <wsdl:part name="parameters" element="tns:DeleteUserCredentials" />
    </wsdl:message>
    <wsdl:message name="ISecureStoreServiceApplication_DeleteUserCredentials_OutputMessage">
      <wsdl:part name="parameters" element="tns:DeleteUserCredentialsResponse" />
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_DeleteUserCredentials_SecureStoreServiceTargetApplicatio
nNotFoundFaultFault_FaultMessage">
      <wsdl:part
xmlns:q48="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q48:SecureStoreServiceTargetApplicationNotFoundFault" />
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_DeleteUserCredentials_ArgumentNullExceptionFault_FaultMe
ssage">
      <wsdl:part xmlns:q49="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q49:ArgumentNullException" />
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_DeleteUserCredentials_SecureStoreServiceFaultFault_Fault
Message">
      <wsdl:part
xmlns:q50="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q50:SecureStoreServiceFault" />
    </wsdl:message>
    <wsdl:message
name="ISecureStoreServiceApplication_DeleteUserCredentials_SecureStoreServiceCredentialsNotFo
undFaultFault_FaultMessage">
      <wsdl:part
xmlns:q51="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q51:SecureStoreServiceCredentialsNotFoundFault" />
    </wsdl:message>
```

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  <wsdl:message
name="ISecureStoreServiceApplication_DeleteUserCredentials_ArgumentExceptionFault_FaultMessag
e">
    <wsdl:part xmlns:q52="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q52:ArgumentException" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_DeleteAllUserCredentials_InputMessage">
    <wsdl:part name="parameters" element="tns:DeleteAllUserCredentials" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_DeleteAllUserCredentials_OutputMessage">
    <wsdl:part name="parameters" element="tns:DeleteAllUserCredentialsResponse" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_DeleteAllUserCredentials_ArgumentExceptionFault_FaultMes
sage">
    <wsdl:part xmlns:q53="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q53:ArgumentException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_DeleteAllUserCredentials_ArgumentNullExceptionFault_Faul
tMessage">
    <wsdl:part xmlns:q54="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q54:ArgumentNullException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_DeleteAllUserCredentials_SecureStoreServiceFaultFault_Fa
ultMessage">
    <wsdl:part
xmlns:q55="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q55:SecureStoreServiceFault" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_IssueTicket_InputMessage">
    <wsdl:part name="parameters" element="tns:IssueTicket" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_IssueTicket_OutputMessage">
    <wsdl:part name="parameters" element="tns:IssueTicketResponse" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_IssueTicket_SecureStoreServiceFaultFault_FaultMessage">
    <wsdl:part
xmlns:q56="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q56:SecureStoreServiceFault" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_RedeemTicket_InputMessage">
    <wsdl:part name="parameters" element="tns:RedeemTicket" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_RedeemTicket_OutputMessage">
    <wsdl:part name="parameters" element="tns:RedeemTicketResponse" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_RedeemTicket_SecureStoreServiceFaultFault_FaultMessage">
    <wsdl:part
xmlns:q57="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q57:SecureStoreServiceFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_RedeemTicket_SecureStoreServiceCredentialsNotFoundFaultF
ault_FaultMessage">
    <wsdl:part
xmlns:q58="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q58:SecureStoreServiceCredentialsNotFoundFault" />
```

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  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_RedeemTicket_ArgumentNullExceptionFault_FaultMessage">
    <wsdl:part xmlns:q59="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q59:ArgumentNullException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_RedeemTicket_SecureStoreServiceTargetApplicationNotFound
FaultFault_FaultMessage">
    <wsdl:part
xmlns:q60="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q60:SecureStoreServiceTargetApplicationNotFoundFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_RedeemTicket_ArgumentExceptionFault_FaultMessage">
    <wsdl:part xmlns:q61="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q61:ArgumentException" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetCredentials_InputMessage">
    <wsdl:part name="parameters" element="tns:GetCredentials" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetCredentials_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetCredentialsResponse" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetCredentials_ArgumentNullExceptionFault_FaultMessage">
    <wsdl:part xmlns:q62="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q62:ArgumentNullException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetCredentials_SecureStoreServiceFaultFault_FaultMessage
">
    <wsdl:part
xmlns:q63="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q63:SecureStoreServiceFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetCredentials_SecureStoreServiceCredentialsNotFoundFaul
tFault_FaultMessage">
    <wsdl:part
xmlns:q64="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q64:SecureStoreServiceCredentialsNotFoundFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetCredentials_SecureStoreServiceTargetApplicationNotFou
ndFaultFault_FaultMessage">
    <wsdl:part
xmlns:q65="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q65:SecureStoreServiceTargetApplicationNotFoundFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetCredentials_ArgumentExceptionFault_FaultMessage">
    <wsdl:part xmlns:q66="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q66:ArgumentException" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetRestrictedCredentials_InputMessage">
    <wsdl:part name="parameters" element="tns:GetRestrictedCredentials" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetRestrictedCredentials_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetRestrictedCredentialsResponse" />
  </wsdl:message>
```

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  <wsdl:message
name="ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceTargetApplica
tionNotFoundFaultFault_FaultMessage">
    <wsdl:part
xmlns:q67="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q67:SecureStoreServiceTargetApplicationNotFoundFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetRestrictedCredentials_ArgumentNullExceptionFault_Faul
tMessage">
    <wsdl:part xmlns:q68="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q68:ArgumentNullException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceFaultFault_Fa
ultMessage">
    <wsdl:part
xmlns:q69="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q69:SecureStoreServiceFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceCredentialsNo
tFoundFaultFault_FaultMessage">
    <wsdl:part
xmlns:q70="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q70:SecureStoreServiceCredentialsNotFoundFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetRestrictedCredentials_ArgumentExceptionFault_FaultMes
sage">
    <wsdl:part xmlns:q71="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q71:ArgumentException" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_SetCredentials_InputMessage">
    <wsdl:part name="parameters" element="tns:SetCredentials" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_SetCredentials_OutputMessage">
    <wsdl:part name="parameters" element="tns:SetCredentialsResponse" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetCredentials_ArgumentExceptionFault_FaultMessage">
    <wsdl:part xmlns:q72="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q72:ArgumentException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetCredentials_ArgumentNullExceptionFault_FaultMessage">
    <wsdl:part xmlns:q73="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q73:ArgumentNullException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetCredentials_SecureStoreServiceFaultFault_FaultMessage
">
    <wsdl:part
xmlns:q74="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q74:SecureStoreServiceFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_SetCredentials_SecureStoreServiceTargetApplicationNotFou
ndFaultFault_FaultMessage">
    <wsdl:part
xmlns:q75="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q75:SecureStoreServiceTargetApplicationNotFoundFault" />
```

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      </wsdl:message>
      <wsdl:message name="ISecureStoreServiceApplication_DeleteCredentials_InputMessage">
        <wsdl:part name="parameters" element="tns:DeleteCredentials" />
      </wsdl:message>
      <wsdl:message name="ISecureStoreServiceApplication_DeleteCredentials_OutputMessage">
        <wsdl:part name="parameters" element="tns:DeleteCredentialsResponse" />
      </wsdl:message>
      <wsdl:message
  name="ISecureStoreServiceApplication_DeleteCredentials_SecureStoreServiceFaultFault_FaultMess
  age">
        <wsdl:part
  xmlns:q76="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
  " name="detail" element="q76:SecureStoreServiceFault" />
      </wsdl:message>
      <wsdl:message
  name="ISecureStoreServiceApplication_DeleteCredentials_SecureStoreServiceTargetApplicationNot
  FoundFaultFault_FaultMessage">
        <wsdl:part
  xmlns:q77="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
  " name="detail" element="q77:SecureStoreServiceTargetApplicationNotFoundFault" />
      </wsdl:message>
      <wsdl:message
  name="ISecureStoreServiceApplication_DeleteCredentials_ArgumentExceptionFault_FaultMessage">
        <wsdl:part xmlns:q78="http://schemas.datacontract.org/2004/07/System" name="detail"
  element="q78:ArgumentException" />
      </wsdl:message>
      <wsdl:message
  name="ISecureStoreServiceApplication_DeleteCredentials_SecureStoreServiceCredentialsNotFoundF
  aultFault_FaultMessage">
        <wsdl:part
  xmlns:q79="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
  " name="detail" element="q79:SecureStoreServiceCredentialsNotFoundFault" />
      </wsdl:message>
      <wsdl:message
  name="ISecureStoreServiceApplication_DeleteCredentials_ArgumentNullExceptionFault_FaultMessag
  e">
        <wsdl:part xmlns:q80="http://schemas.datacontract.org/2004/07/System" name="detail"
  element="q80:ArgumentNullException" />
      </wsdl:message>
      <wsdl:message name="ISecureStoreServiceApplication_GetUserApplication_InputMessage">
        <wsdl:part name="parameters" element="tns:GetUserApplication" />
      </wsdl:message>
      <wsdl:message name="ISecureStoreServiceApplication_GetUserApplication_OutputMessage">
        <wsdl:part name="parameters" element="tns:GetUserApplicationResponse" />
      </wsdl:message>
      <wsdl:message
  name="ISecureStoreServiceApplication_GetUserApplication_ArgumentExceptionFault_FaultMessage">
        <wsdl:part xmlns:q81="http://schemas.datacontract.org/2004/07/System" name="detail"
  element="q81:ArgumentException" />
      </wsdl:message>
      <wsdl:message
  name="ISecureStoreServiceApplication_GetUserApplication_ArgumentNullExceptionFault_FaultMessa
  ge">
        <wsdl:part xmlns:q82="http://schemas.datacontract.org/2004/07/System" name="detail"
  element="q82:ArgumentNullException" />
      </wsdl:message>
      <wsdl:message
  name="ISecureStoreServiceApplication_GetUserApplication_SecureStoreServiceFaultFault_FaultMes
  sage">
```

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  <wsdl:part
xmlns:q83="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q83:SecureStoreServiceFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetUserApplication_SecureStoreServiceTargetApplicationNo
tFoundFaultFault_FaultMessage">
    <wsdl:part
xmlns:q84="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q84:SecureStoreServiceTargetApplicationNotFoundFault" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetUserApplicationFields_InputMessage">
    <wsdl:part name="parameters" element="tns:GetUserApplicationFields" />
  </wsdl:message>
  <wsdl:message name="ISecureStoreServiceApplication_GetUserApplicationFields_OutputMessage">
    <wsdl:part name="parameters" element="tns:GetUserApplicationFieldsResponse" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetUserApplicationFields_SecureStoreServiceTargetApplica
tionNotFoundFaultFault_FaultMessage">
    <wsdl:part
xmlns:q85="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q85:SecureStoreServiceTargetApplicationNotFoundFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetUserApplicationFields_SecureStoreServiceFaultFault_Fa
ultMessage">
    <wsdl:part
xmlns:q86="http://schemas.datacontract.org/2004/07/Microsoft.Office.SecureStoreService.Server
" name="detail" element="q86:SecureStoreServiceFault" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetUserApplicationFields_ArgumentExceptionFault_FaultMes
sage">
    <wsdl:part xmlns:q87="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q87:ArgumentException" />
  </wsdl:message>
  <wsdl:message
name="ISecureStoreServiceApplication_GetUserApplicationFields_ArgumentNullExceptionFault_Faul
tMessage">
    <wsdl:part xmlns:q88="http://schemas.datacontract.org/2004/07/System" name="detail"
element="q88:ArgumentNullException" />
  </wsdl:message>
  <wsdl:portType name="ISecureStoreServiceApplication">
    <wsdl:operation name="GetChangeMasterSecretKeyToken">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChangeMasterSecretKeyToken"
message="tns:ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetChangeMasterSecretKeyTokenResponse"
message="tns:ISecureStoreServiceApplication_GetChangeMasterSecretKeyToken_OutputMessage" />
    </wsdl:operation>
    <wsdl:operation name="ChangeMasterSecretKey">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/ChangeMasterSecretKey"
message="tns:ISecureStoreServiceApplication_ChangeMasterSecretKey_InputMessage" />
    </wsdl:operation>
    <wsdl:operation name="IsMasterSecretKeyPopulated">
```

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      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IsMasterSecretKeyPopulated"
message="tns:ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IsMasterSecretKeyPopulatedResponse"
message="tns:ISecureStoreServiceApplication_IsMasterSecretKeyPopulated_OutputMessage" />
    </wsdl:operation>
    <wsdl:operation name="SetMasterSecretKey">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetMasterSecretKey"
message="tns:ISecureStoreServiceApplication_SetMasterSecretKey_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetMasterSecretKeyResponse"
message="tns:ISecureStoreServiceApplication_SetMasterSecretKey_OutputMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetMasterSecretKeySecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_SetMasterSecretKey_SecureStoreServiceFaultFault_F
aultMessage" />
    </wsdl:operation>
    <wsdl:operation name="SetChangeKeyPassphrase">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetChangeKeyPassphrase"
message="tns:ISecureStoreServiceApplication_SetChangeKeyPassphrase_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetChangeKeyPassphraseResponse"
message="tns:ISecureStoreServiceApplication_SetChangeKeyPassphrase_OutputMessage" />
    </wsdl:operation>
    <wsdl:operation name="CreateApplication">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplication"
message="tns:ISecureStoreServiceApplication_CreateApplication_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationResponse"
message="tns:ISecureStoreServiceApplication_CreateApplication_OutputMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationArgumentOutOfRangeExceptionFault"
name="ArgumentOutOfRangeExceptionFault"
message="tns:ISecureStoreServiceApplication_CreateApplication_ArgumentOutOfRangeExceptionFaul
t_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_CreateApplication_ArgumentNullExceptionFault_Faul
tMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_CreateApplication_SecureStoreServiceFaultFault_Fa
ultMessage" />
```

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      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/CreateApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_CreateApplication_ArgumentExceptionFault_FaultMes
sage" />
    </wsdl:operation>
    <wsdl:operation name="UpdateApplication">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplication"
message="tns:ISecureStoreServiceApplication_UpdateApplication_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationResponse"
message="tns:ISecureStoreServiceApplication_UpdateApplication_OutputMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_UpdateApplication_SecureStoreServiceTargetApplica
tionNotFoundFaultFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_UpdateApplication_ArgumentNullExceptionFault_Faul
tMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_UpdateApplication_SecureStoreServiceFaultFault_Fa
ultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/UpdateApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_UpdateApplication_ArgumentExceptionFault_FaultMes
sage" />
    </wsdl:operation>
    <wsdl:operation name="DeleteApplication">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplication"
message="tns:ISecureStoreServiceApplication_DeleteApplication_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplicationResponse"
message="tns:ISecureStoreServiceApplication_DeleteApplication_OutputMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplicationSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteApplication_SecureStoreServiceTargetApplica
tionNotFoundFaultFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplicationArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteApplication_ArgumentNullExceptionFault_Faul
tMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
```

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                message="tns:ISecureStoreServiceApplication_DeleteApplication_ArgumentExceptionFault_FaultMes
sage" />
            <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteApplication_SecureStoreServiceFaultFault_Fa
ultMessage" />
        </wsdl:operation>
        <wsdl:operation name="GetApplicationClaims">
            <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaims"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_InputMessage" />
            <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsResponse"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_OutputMessage" />
            <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_ArgumentExceptionFault_Fault
Message" />
            <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_SecureStoreServiceTargetAppl
icationNotFoundFaultFault_FaultMessage" />
            <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_ArgumentNullExceptionFault_F
aultMessage" />
            <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationClaimsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationClaims_SecureStoreServiceFaultFault
_FaultMessage" />
        </wsdl:operation>
        <wsdl:operation name="GetApplicationGroupClaims">
            <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaims"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_InputMessage" />
            <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsResponse"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_OutputMessage" />
            <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsSecureStoreServiceTargetApplicationNotFoundFaultFa
ult" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_SecureStoreServiceTarge
tApplicationNotFoundFaultFault_FaultMessage" />
            <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_ArgumentNullExceptionFa
ult_FaultMessage" />
```

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      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_ArgumentExceptionFault_
FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationGroupClaimsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationGroupClaims_SecureStoreServiceFault
Fault_FaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetApplicationAdministratorClaims">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaims"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_InputMessage"
/>
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaimsResponse"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_OutputMessage"
/>
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaimsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_ArgumentNullExc
eptionFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaimsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_ArgumentExcepti
onFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaimsSecureStoreServiceTargetApplicationNotFoun
dFaultFault" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_SecureStoreServ
iceTargetApplicationNotFoundFaultFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationAdministratorClaimsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationAdministratorClaims_SecureStoreServ
iceFaultFault_FaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetApplicationTicketRedeemerClaims">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaims"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_InputMessage"
/>
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaimsResponse"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_OutputMessage"
/>
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaimsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
```

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message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_ArgumentNullEx
ceptionFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaimsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_ArgumentExcept
ionFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaimsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_SecureStoreSer
viceFaultFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationTicketRedeemerClaimsSecureStoreServiceTargetApplicationNotFou
ndFaultFault" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationTicketRedeemerClaims_SecureStoreSer
viceTargetApplicationNotFoundFaultFault_FaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetApplication">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplication"
message="tns:ISecureStoreServiceApplication_GetApplication_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationResponse"
message="tns:ISecureStoreServiceApplication_GetApplication_OutputMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplication_ArgumentExceptionFault_FaultMessag
e" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplication_SecureStoreServiceFaultFault_Fault
Message" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplication_SecureStoreServiceTargetApplicatio
nNotFoundFaultFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationArgumentNullExceptionFault" name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplication_ArgumentNullExceptionFault_FaultMe
ssage" />
    </wsdl:operation>
    <wsdl:operation name="GetApplicationFields">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFields"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsResponse"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_OutputMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
```

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erviceApplication/GetApplicationFieldsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_SecureStoreServiceFaultFault
_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_ArgumentNullExceptionFault_F
aultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_ArgumentExceptionFault_Fault
Message" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationFieldsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplicationFields_SecureStoreServiceTargetAppl
icationNotFoundFaultFault_FaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetApplications">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplications"
message="tns:ISecureStoreServiceApplication_GetApplications_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationsResponse"
message="tns:ISecureStoreServiceApplication_GetApplications_OutputMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetApplicationsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetApplications_SecureStoreServiceFaultFault_Faul
tMessage" />
    </wsdl:operation>
    <wsdl:operation name="GetUserApplications">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplications"
message="tns:ISecureStoreServiceApplication_GetUserApplications_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationsResponse"
message="tns:ISecureStoreServiceApplication_GetUserApplications_OutputMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplications_SecureStoreServiceFaultFault_
FaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="SetUserCredentials">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentials"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsResponse"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_OutputMessage" />
```

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      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_ArgumentExceptionFault_FaultMe
ssage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_ArgumentNullExceptionFault_Fau
ltMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_SecureStoreServiceFaultFault_F
aultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetUserCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_SetUserCredentials_SecureStoreServiceTargetAppstic
ationNotFoundFaultFault_FaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="SetGroupCredentials">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentials"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsResponse"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_OutputMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_ArgumentNullExceptionFault_Fa
ultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_SecureStoreServiceFaultFault_
FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_SecureStoreServiceTargetAppli
cationNotFoundFaultFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetGroupCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_SetGroupCredentials_ArgumentExceptionFault_FaultM
essage" />
    </wsdl:operation>
    <wsdl:operation name="DeleteUserCredentials">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentials"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
```

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erviceApplication/DeleteUserCredentialsResponse"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_OutputMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_SecureStoreServiceTargetApp
licationNotFoundFaultFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_ArgumentNullExceptionFault_
FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_SecureStoreServiceFaultFaul
t_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_SecureStoreServiceCredentia
lsNotFoundFaultFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteUserCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteUserCredentials_ArgumentExceptionFault_Faul
tMessage" />
    </wsdl:operation>
    <wsdl:operation name="DeleteAllUserCredentials">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteAllUserCredentials"
message="tns:ISecureStoreServiceApplication_DeleteAllUserCredentials_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteAllUserCredentialsResponse"
message="tns:ISecureStoreServiceApplication_DeleteAllUserCredentials_OutputMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteAllUserCredentialsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteAllUserCredentials_ArgumentExceptionFault_F
aultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteAllUserCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteAllUserCredentials_ArgumentNullExceptionFau
lt_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteAllUserCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteAllUserCredentials_SecureStoreServiceFaultF
ault_FaultMessage" />
    </wsdl:operation>
    <wsdl:operation name="IssueTicket">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
```

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erviceApplication/IssueTicket"
message="tns:ISecureStoreServiceApplication_IssueTicket_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IssueTicketResponse"
message="tns:ISecureStoreServiceApplication_IssueTicket_OutputMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/IssueTicketSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_IssueTicket_SecureStoreServiceFaultFault_FaultMes
sage" />
    </wsdl:operation>
    <wsdl:operation name="RedeemTicket">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicket"
message="tns:ISecureStoreServiceApplication_RedeemTicket_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketResponse"
message="tns:ISecureStoreServiceApplication_RedeemTicket_OutputMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_RedeemTicket_SecureStoreServiceFaultFault_FaultMe
ssage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_RedeemTicket_SecureStoreServiceCredentialsNotFoun
dFaultFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketArgumentNullExceptionFault" name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_RedeemTicket_ArgumentNullExceptionFault_FaultMess
age" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_RedeemTicket_SecureStoreServiceTargetApplicationN
otFoundFaultFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/RedeemTicketArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_RedeemTicket_ArgumentExceptionFault_FaultMessage"
/>
    </wsdl:operation>
    <wsdl:operation name="GetCredentials">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentials"
message="tns:ISecureStoreServiceApplication_GetCredentials_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsResponse"
message="tns:ISecureStoreServiceApplication_GetCredentials_OutputMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsArgumentNullExceptionFault" name="ArgumentNullExceptionFault"
```

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message="tns:ISecureStoreServiceApplication_GetCredentials_ArgumentNullExceptionFault_FaultMe
ssage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetCredentials_SecureStoreServiceFaultFault_Fault
Message" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetCredentials_SecureStoreServiceCredentialsNotFo
undFaultFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetCredentials_SecureStoreServiceTargetApplicatio
nNotFoundFaultFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetCredentials_ArgumentExceptionFault_FaultMessag
e" />
    </wsdl:operation>
    <wsdl:operation name="GetRestrictedCredentials">
      <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentials"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_InputMessage" />
      <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsResponse"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_OutputMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFau
lt" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceTarget
ApplicationNotFoundFaultFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_ArgumentNullExceptionFau
lt_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceFaultF
ault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_SecureStoreServiceCreden
tialsNotFoundFaultFault_FaultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetRestrictedCredentialsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetRestrictedCredentials_ArgumentExceptionFault_F
aultMessage" />
```

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      </wsdl:operation>
      <wsdl:operation name="SetCredentials">
        <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentials"
message="tns:ISecureStoreServiceApplication_SetCredentials_InputMessage" />
        <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentialsResponse"
message="tns:ISecureStoreServiceApplication_SetCredentials_OutputMessage" />
        <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_SetCredentials_ArgumentExceptionFault_FaultMessag
e" />
        <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentialsArgumentNullExceptionFault" name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_SetCredentials_ArgumentNullExceptionFault_FaultMe
ssage" />
        <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_SetCredentials_SecureStoreServiceFaultFault_Fault
Message" />
        <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/SetCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_SetCredentials_SecureStoreServiceTargetApplicatio
nNotFoundFaultFault_FaultMessage" />
      </wsdl:operation>
      <wsdl:operation name="DeleteCredentials">
        <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentials"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_InputMessage" />
        <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsResponse"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_OutputMessage" />
        <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_SecureStoreServiceFaultFault_Fa
ultMessage" />
        <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_SecureStoreServiceTargetApplica
tionNotFoundFaultFault_FaultMessage" />
        <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_ArgumentExceptionFault_FaultMes
sage" />
        <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsSecureStoreServiceCredentialsNotFoundFaultFault"
name="SecureStoreServiceCredentialsNotFoundFaultFault"
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              message="tns:ISecureStoreServiceApplication_DeleteCredentials_SecureStoreServiceCredentialsNo
tFoundFaultFault_FaultMessage" />
        <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/DeleteCredentialsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_DeleteCredentials_ArgumentNullExceptionFault_Faul
tMessage" />
      </wsdl:operation>
      <wsdl:operation name="GetUserApplication">
        <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplication"
message="tns:ISecureStoreServiceApplication_GetUserApplication_InputMessage" />
        <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationResponse"
message="tns:ISecureStoreServiceApplication_GetUserApplication_OutputMessage" />
        <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationArgumentExceptionFault" name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetUserApplication_ArgumentExceptionFault_FaultMe
ssage" />
        <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetUserApplication_ArgumentNullExceptionFault_Fau
ltMessage" />
        <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplication_SecureStoreServiceFaultFault_F
aultMessage" />
        <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationSecureStoreServiceTargetApplicationNotFoundFaultFault"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplication_SecureStoreServiceTargetApplic
ationNotFoundFaultFault_FaultMessage" />
      </wsdl:operation>
      <wsdl:operation name="GetUserApplicationFields">
        <wsdl:input
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFields"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_InputMessage" />
        <wsdl:output
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsResponse"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_OutputMessage" />
        <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsSecureStoreServiceTargetApplicationNotFoundFaultFau
lt" name="SecureStoreServiceTargetApplicationNotFoundFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_SecureStoreServiceTarget
ApplicationNotFoundFaultFault_FaultMessage" />
        <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsSecureStoreServiceFaultFault"
name="SecureStoreServiceFaultFault"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_SecureStoreServiceFaultF
ault_FaultMessage" />
```

```
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsArgumentExceptionFault"
name="ArgumentExceptionFault"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_ArgumentExceptionFault_F
aultMessage" />
      <wsdl:fault
wsam:Action="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreS
erviceApplication/GetUserApplicationFieldsArgumentNullExceptionFault"
name="ArgumentNullExceptionFault"
message="tns:ISecureStoreServiceApplication_GetUserApplicationFields_ArgumentNullExceptionFau
lt_FaultMessage" />
    </wsdl:operation>
  </wsdl:portType>
  <wsdl:binding name="CustomBinding_ISecureStoreServiceApplication"
type="tns:ISecureStoreServiceApplication">
    <soap:binding transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="GetChangeMasterSecretKeyToken">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetChangeMasterSecretKeyToken" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" />
      </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="ChangeMasterSecretKey">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/ChangeMasterSecretKey" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
    </wsdl:operation>
    <wsdl:operation name="IsMasterSecretKeyPopulated">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/IsMasterSecretKeyPopulated" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" />
      </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="SetMasterSecretKey">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/SetMasterSecretKey" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
      </wsdl:fault>
    </wsdl:operation>
```

```
      <wsdl:operation name="SetChangeKeyPassphrase">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/SetChangeKeyPassphrase" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" />
      </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="CreateApplication">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/CreateApplication" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="ArgumentOutOfRangeExceptionFault">
        <soap:fault use="literal" name="ArgumentOutOfRangeExceptionFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="UpdateApplication">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/UpdateApplication" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="DeleteApplication">
```

```
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/DeleteApplication" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="GetApplicationClaims">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetApplicationClaims" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="GetApplicationGroupClaims">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetApplicationGroupClaims" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
```

```
        </wsdl:fault>
        <wsdl:fault name="ArgumentNullExceptionFault">
          <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="ArgumentExceptionFault">
          <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceFaultFault">
          <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
        </wsdl:fault>
      </wsdl:operation>
      <wsdl:operation name="GetApplicationAdministratorClaims">
        <soap:operation
 soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
 rviceApplication/GetApplicationAdministratorClaims" style="document" />
        <wsdl:input>
          <soap:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="ArgumentNullExceptionFault">
          <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="ArgumentExceptionFault">
          <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
          <soap:fault use="literal"
 name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceFaultFault">
          <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
        </wsdl:fault>
      </wsdl:operation>
      <wsdl:operation name="GetApplicationTicketRedeemerClaims">
        <soap:operation
 soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
 rviceApplication/GetApplicationTicketRedeemerClaims" style="document" />
        <wsdl:input>
          <soap:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="ArgumentNullExceptionFault">
          <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="ArgumentExceptionFault">
          <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceFaultFault">
          <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
          <soap:fault use="literal"
 name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
        </wsdl:fault>
      </wsdl:operation>
```

```
    <wsdl:operation name="GetApplication">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetApplication" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="GetApplicationFields">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetApplicationFields" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="GetApplications">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetApplications" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
```

```
        </wsdl:fault>
      </wsdl:operation>
      <wsdl:operation name="GetUserApplications">
        <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetUserApplications" style="document" />
        <wsdl:input>
          <soap:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="SecureStoreServiceFaultFault">
          <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
        </wsdl:fault>
      </wsdl:operation>
      <wsdl:operation name="SetUserCredentials">
        <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/SetUserCredentials" style="document" />
        <wsdl:input>
          <soap:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="ArgumentExceptionFault">
          <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="ArgumentNullExceptionFault">
          <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceFaultFault">
          <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
          <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
        </wsdl:fault>
      </wsdl:operation>
      <wsdl:operation name="SetGroupCredentials">
        <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/SetGroupCredentials" style="document" />
        <wsdl:input>
          <soap:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="ArgumentNullExceptionFault">
          <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceFaultFault">
          <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
          <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
        </wsdl:fault>
```

```
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="DeleteUserCredentials">
      <soap:operation
 soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
 rviceApplication/DeleteUserCredentials" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
 name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceCredentialsNotFoundFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceCredentialsNotFoundFaultFault"
 namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="DeleteAllUserCredentials">
      <soap:operation
 soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
 rviceApplication/DeleteAllUserCredentials" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="IssueTicket">
      <soap:operation
 soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
 rviceApplication/IssueTicket" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
```

```
          <soap:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="SecureStoreServiceFaultFault">
          <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
        </wsdl:fault>
      </wsdl:operation>
      <wsdl:operation name="RedeemTicket">
        <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/RedeemTicket" style="document" />
        <wsdl:input>
          <soap:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="SecureStoreServiceFaultFault">
          <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceCredentialsNotFoundFaultFault">
          <soap:fault use="literal" name="SecureStoreServiceCredentialsNotFoundFaultFault"
namespace="" />
        </wsdl:fault>
        <wsdl:fault name="ArgumentNullExceptionFault">
          <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
          <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="ArgumentExceptionFault">
          <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
        </wsdl:fault>
      </wsdl:operation>
      <wsdl:operation name="GetCredentials">
        <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetCredentials" style="document" />
        <wsdl:input>
          <soap:body use="literal" />
        </wsdl:input>
        <wsdl:output>
          <soap:body use="literal" />
        </wsdl:output>
        <wsdl:fault name="ArgumentNullExceptionFault">
          <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceFaultFault">
          <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceCredentialsNotFoundFaultFault">
          <soap:fault use="literal" name="SecureStoreServiceCredentialsNotFoundFaultFault"
namespace="" />
        </wsdl:fault>
        <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
          <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
        </wsdl:fault>
        <wsdl:fault name="ArgumentExceptionFault">
          <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
```

```
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="GetRestrictedCredentials">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/GetRestrictedCredentials" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceCredentialsNotFoundFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceCredentialsNotFoundFaultFault"
namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="SetCredentials">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/SetCredentials" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
      </wsdl:input>
      <wsdl:output>
        <soap:body use="literal" />
      </wsdl:output>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
        <soap:fault use="literal"
name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
      </wsdl:fault>
    </wsdl:operation>
    <wsdl:operation name="DeleteCredentials">
      <soap:operation
soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
rviceApplication/DeleteCredentials" style="document" />
      <wsdl:input>
        <soap:body use="literal" />
```

```
          </wsdl:input>
          <wsdl:output>
            <soap:body use="literal" />
          </wsdl:output>
          <wsdl:fault name="SecureStoreServiceFaultFault">
            <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
          </wsdl:fault>
          <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
            <soap:fault use="literal"
  name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
          </wsdl:fault>
          <wsdl:fault name="ArgumentExceptionFault">
            <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
          </wsdl:fault>
          <wsdl:fault name="SecureStoreServiceCredentialsNotFoundFaultFault">
            <soap:fault use="literal" name="SecureStoreServiceCredentialsNotFoundFaultFault"
  namespace="" />
          </wsdl:fault>
          <wsdl:fault name="ArgumentNullExceptionFault">
            <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
          </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="GetUserApplication">
          <soap:operation
  soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
  rviceApplication/GetUserApplication" style="document" />
          <wsdl:input>
            <soap:body use="literal" />
          </wsdl:input>
          <wsdl:output>
            <soap:body use="literal" />
          </wsdl:output>
          <wsdl:fault name="ArgumentExceptionFault">
            <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
          </wsdl:fault>
          <wsdl:fault name="ArgumentNullExceptionFault">
            <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
          </wsdl:fault>
          <wsdl:fault name="SecureStoreServiceFaultFault">
            <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
          </wsdl:fault>
          <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
            <soap:fault use="literal"
  name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
          </wsdl:fault>
        </wsdl:operation>
        <wsdl:operation name="GetUserApplicationFields">
          <soap:operation
  soapAction="http://schemas.microsoft.com/sharepoint/2009/06/securestoreservice/ISecureStoreSe
  rviceApplication/GetUserApplicationFields" style="document" />
          <wsdl:input>
            <soap:body use="literal" />
          </wsdl:input>
          <wsdl:output>
            <soap:body use="literal" />
          </wsdl:output>
          <wsdl:fault name="SecureStoreServiceTargetApplicationNotFoundFaultFault">
            <soap:fault use="literal"
  name="SecureStoreServiceTargetApplicationNotFoundFaultFault" namespace="" />
          </wsdl:fault>
```

```
      <wsdl:fault name="SecureStoreServiceFaultFault">
        <soap:fault use="literal" name="SecureStoreServiceFaultFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentExceptionFault">
        <soap:fault use="literal" name="ArgumentExceptionFault" namespace="" />
      </wsdl:fault>
      <wsdl:fault name="ArgumentNullExceptionFault">
        <soap:fault use="literal" name="ArgumentNullExceptionFault" namespace="" />
      </wsdl:fault>
    </wsdl:operation>
  </wsdl:binding>
</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® SharePoint® 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.

9 Index