

KMIP Symmetric Key Foundry for FIPS 140-2 Profile Version 1.0

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Related work:

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- *Key Management Interoperability Protocol Specification Version 1.1.* ~~Latest version.~~ Edited by Robert Haas and Indra Fitzgerald. 24 January 2013. OASIS Standard. <http://docs.oasis-open.org/kmip/spec/v1.1/os/kmip-spec-v1.1-os.html>.
- *Key Management Interoperability Protocol Specification Version 1.2.* Edited by Kiran Thota and Kelley Burgin. Latest version: <http://docs.oasis-open.org/kmip/spec/v1.2/kmip-spec-v1.2.html>.

Abstract:

Describes a profile for a KMIP server creating FIPS140-2 approved symmetric key algorithms based on requests received from a KMIP client.

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This document was last revised or approved by the OASIS Key Management Interoperability Protocol (KMIP) TC on the above date. The level of approval is also listed above. Check the "Latest version" location noted above for possible later revisions of this document.

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1 Introduction

For normative definition of the elements of KMIP see the [KMIP Specification](#) [KMIP-SPEC] and the [KMIP Profiles](#) [KMIP-PROF].

~~Illustrative guidance for the implementation of KMIP clients and servers is provided in the [KMIP Usage Guide](#) [KMIP-UG].~~

This profile defines the necessary KMIP functionality that a KMIP ~~server~~[implementations](#) conforming to this profile SHALL support in order to interoperate in conformance with this profile.

1.1 Terminology

The key words “MUST”, “MUST NOT”, “REQUIRED”, “SHALL”, “SHALL NOT”, “SHOULD”, “SHOULD NOT”, “RECOMMENDED”, “MAY”, and “OPTIONAL” in this document are to be interpreted as described in [RFC2119].

1.2 Normative References

- [RFC2119] Bradner, S., “Key words for use in RFCs to Indicate Requirement Levels”, BCP 14, RFC 2119, March 1997. <http://www.ietf.org/rfc/rfc2119.txt>.
- ~~[KMIP-ENCODE] [KMIP Additional Message Encodings Version 1.0](#)~~
~~[URL](#) [RFC2119] Bradner, S., “Key words for use in RFCs to Indicate Requirement Levels”, BCP 14, RFC 2119, March 1997.~~
- ~~[RFC2246] — T. Dierks and C. Allen, *The TLS Protocol, Version 1.0*, IETF RFC 2246, Jan 1999,~~
~~Candidate OASIS Standard 01. [DD MMM YYYY](#).~~
- [KMIP-SPEC] One or more of [KMIP-SPEC-1_0], [KMIP-SPEC-1_1], [KMIP-SPEC-1_2]
- [KMIP-SPEC-1_0] *Key Management Interoperability Protocol Specification Version 1.0*
<http://docs.oasis-open.org/kmip/spec/v1.0/os/kmip-spec-1.0-os.doc>
OASIS Standard, October 2010.
- [KMIP-SPEC-1_1] *Key Management Interoperability Protocol Specification Version 1.1*.
<http://docs.oasis-open.org/kmip/spec/v1.1/os/kmip-spec-v1.1-os.doc>
OASIS Standard. 24 January 2013.
- [KMIP-SPEC-1_2] *Key Management Interoperability Protocol Specification Version 1.2*.
[URL](#)
Candidate OASIS Standard 01. [DD MMM YYYY](#).
- [KMIP-PROF] One or more of [KMIP-PROF-1_0], [KMIP-PROF-1_1], [KMIP-PROF-1_2]
- [KMIP-PROF-1_0] *Key Management Interoperability Protocol ~~Usage Guide~~[Profiles](#) Version 1.0*.
<http://docs.oasis-open.org/kmip/profiles/v1.0/os/kmip-profiles-1.0-os.doc>
OASIS Standard. 1 October 2010.
- [KMIP-PROF-1_1] *Key Management Interoperability Protocol ~~Usage Guide~~[Profiles](#) Version 1.1*.
<http://docs.oasis-open.org/kmip/profiles/v1.1/os/kmip-profiles-v1.1-os.doc>
OASIS Standard 01. 24 January 2013.
- [KMIP-PROF-1_2] *Key Management Interoperability Protocol ~~Usage Guide~~[Profiles](#) Version 1.2*.
[URL](#)
Candidate OASIS Standard 01. [DD MMM YYYY](#).

1.3 Non-Normative References

- ~~[KMIP-UG] — One or more of [KMIP-UG-1_0], [KMIP-UG-1_1], [KMIP-UG-1_2]~~
- ~~[KMIP-UG-1_0] — *Key Management Interoperability Protocol Usage Guide Version 1.0*,
Committee Note Draft, 1 December 2011~~

45 ~~[KMIP-UG-1_1] — Key Management Interoperability Protocol Usage Guide Version 1.1.~~
46 ~~Committee Note 01, 27 July 2012.~~
47 ~~[KMIP-UG-1_2] — Key Management Interoperability Protocol Usage Guide Version 1.2.~~
48 ~~Committee Note Draft, DD MMM YYYY.~~
49
50 ~~[KMIP-TC-1_1] — Key Management Interoperability Protocol Test Cases Version 1.1., Committee~~
51 ~~Note 01, 27 July 2012.~~
52 ~~[KMIP-TC-1_2] — Key Management Interoperability Protocol Test Cases Version 1.2.~~
53 ~~, Committee Note Draft, DD MMM YYYY.~~
54 ~~[KMIP-UC] — Key Management Interoperability Protocol Use Cases Version 1.0., Committee~~
55 ~~Specification, 15 June 2010.~~

2 Symmetric Key Foundry (FIPS140) Profiles

The Symmetric Key Foundry (FIPS140) Profile is a KMIP server responding to KMIP client requests to create symmetric keys using FIPS 140-2 approved algorithms. ~~Level 2 section title~~

2.1 Authentication Suite

Implementations conformant to this profile SHALL support at least one of the Authentication Suites defined within ~~section 3 of [KMIP-PROF]. The establishment of the trust relationship between the KMIP client and the KMIP server is the same as the defined base profiles [KMIP-PROF].~~

2.2 Baseline

2.2 Basic Symmetric Key Foundry (FIPS140) Client Profile

KMIP clients conformant to this profile: ~~under [KMIP-SPEC-1_0]:~~

~~1. SHALL conform to the [KMIP-SPEC-1_0]~~

~~KMIP clients conformant to this profile under [KMIP-SPEC-1_1]:~~

~~2. SHALL conform to the *Baseline Client Clause* of [KMIP-PROF-1_1]~~

~~KMIP clients conformant to this profile under [KMIP-SPEC-1_2]:~~

~~4-3. SHALL conform to the *Baseline Client* profile in of [KMIP-PROF] and [KMIP-SPEC-1_2]~~

~~KMIP clients conformant to this profile:~~

~~2-4. MAY support any clause within [KMIP-SPEC] provided it does not conflict with any other clause within this section 1.1~~

~~5. MAY support extensions outside the scope of this standard (e.g., vendor extensions, conformance clauses) that do not contradict any KMIP requirements.~~

2.3 Intermediate Symmetric Key Foundry (FIPS140) Client Profile

~~KMIP clients conformant to this profile under [KMIP-SPEC-1_0]:~~

~~1. SHALL conform to the [KMIP-SPEC-1_0]~~

~~KMIP clients conformant to this profile under [KMIP-SPEC-1_1]:~~

~~2. SHALL conform to the *Baseline Client Clause* of [KMIP-PROF-1_1]~~

~~KMIP clients conformant to this profile under [KMIP-SPEC-1_2]:~~

~~3. SHALL conform to the *Baseline Client* of [KMIP-PROF-1_2]~~

~~KMIP clients conformant to this profile:~~

~~4. MAY support any clause within [KMIP-SPEC] provided it does not conflict with any other clause within this section 2.3~~

~~5. MAY support extensions outside the scope of this standard (e.g., vendor extensions, conformance clauses) that do not contradict any KMIP requirements.~~

2.4 Advanced Symmetric Key Foundry (FIPS140) Client Profile

~~KMIP clients conformant to this profile under [KMIP-SPEC-1_0]:~~

~~1. SHALL conform to the [KMIP-SPEC-1_0]~~

~~KMIP clients conformant to this profile under [KMIP-SPEC-1_1]:~~

~~2. SHALL conform to the *Baseline Client Clause* of [KMIP-PROF-1_1]~~

93 KMIP clients conformant to this profile under [KMIP-SPEC-1_2]:

94 3. SHALL conform to the *Baseline Client* of [KMIP-PROF-1_2]

95 KMIP clients conformant to this profile:

96 4. MAY support any clause within [KMIP-SPEC] provided it does not conflict with any other clause
97 within this section 2.4

98 5. MAY support extensions outside the scope of this standard (e.g., vendor extensions,
99 conformance clauses) that do not contradict any KMIP requirements.

100 2.5 Symmetric Key Foundry (FIPS140) Server Profile

101 KMIP servers conformant to this profile: under [KMIP-SPEC-1_0]:

102 1. SHALL conform to the [KMIP-SPEC-1_0]

103 KMIP servers conformant to this profile under [KMIP-SPEC-1_1]:

104 ~~4.2. SHALL conform to the *Baseline Server* profile in Clause of [KMIP-PROF] and [KMIP-SPEC] and~~
105 ~~1_1]~~

106 KMIP servers conformant to this profile under [KMIP-SPEC-1_2]:

107 3. SHALL conform to the *Baseline Server* of [KMIP-PROF-1_2]

108 KMIP servers conformant to this profile:

109 ~~2.4.~~ SHALL support the following *Objects* [KMIP-SPEC]

- 110 a. *Symmetric Key* [KMIP-SPEC]
- 111 b. *Key Format Type* [KMIP-SPEC]

112 ~~3.5.~~ SHALL support the following *Attributes* [KMIP-SPEC]

- 113 a. *Cryptographic Algorithm* [KMIP-SPEC]
- 114 b. *Cryptographic Length* [KMIP-SPEC] with values:
 - 115 i. 168 (3DES)
 - 116 ii. 128 (AES)
 - 117 iii. 192 (AES)
 - 118 iv. 256 (AES)
- 119 c. *Object Type* [KMIP-SPEC]
- 120 d. *Process Start Date* [KMIP-SPEC]
- 121 e. *Process Stop Date* [KMIP-SPEC]

122 ~~4.6.~~ SHALL support the following *Client-to-Server* [KMIP-SPEC] operations:

- 123 a. *Create* [KMIP-SPEC]

124 ~~5.7.~~ SHALL support the following *Message Encoding* [KMIP-SPEC]:

- 125 a. *Cryptographic Algorithm* [KMIP-SPEC] with values:
 - 126 i. 3DES
 - 127 ii. AES
- 128 b. *Object Type* [KMIP-SPEC] with value:
 - 129 i. Symmetric Key
- 130 c. *Key Format Type* [KMIP-SPEC] with value:
 - 131 i. Raw
 - 132 ii. Transparent Symmetric Key

133 ~~2. SHALL support all Mandatory Test Cases, returning results in accordance with the test cases.~~

134 ~~6.8.~~ MAY support any clause within [KMIP-SPEC] provided it does not conflict with any other clause
135 within this section 2.5~~2.2~~

136 | ~~3.1. MAY support extensions outside the scope of this standard (e.g., vendor extensions,~~
137 | ~~conformance clauses) that do not contradict any KMIP requirements.~~
138 | 9. MAY support extensions outside the scope of this standard (e.g., vendor extensions,
139 | conformance clauses) that do not contradict any KMIP requirements.

3 Symmetric Key Foundry (FIPS140) Profile - Test Cases

~~This section documents the test cases for a KMIP server creating FIPS140-2 approved symmetric key algorithms based on requests received from a KMIP client.~~

~~The test cases define a number of request-response pairs for KMIP operations. Each test case is provided in the XML format specified in [KMIP-ENCODE] intended to be both human-readable and usable by automated tools. The time sequence (starting from 0) for each request-response pair is noted and line numbers are provided for ease of cross-reference for a given test sequence.~~

~~Each test case has a unique label (the section name) which includes indication of mandatory (-M-) or optional (-O-) status and the protocol version major and minor numbers as part of the identifier.~~

~~The test cases may depend on a specific configuration of a KMIP client and server being configured in a manner consistent with the test case assumptions.~~

~~Where possible the flow of unique identifiers between tests, the date-time values, and other dynamic items are indicated using symbolic identifiers – in actual request and response messages these dynamic values will be filled in with valid values.~~

~~Note: the values for time stamps the returned items and the custom attributes are illustrative. Actual values from a real server system will vary.~~

3.1 ~~Mandatory Test Cases KMIP 1.0~~

~~This section documents the test cases that a client or server conformant to the Symmetric Key Foundry (FIPS140) Profile SHALL support under KMIP Specification 1.0. system may vary as specified in section 4.13~~

3.1 Mandatory Test Cases KMIP v1.0 - Basic

3.1.1 SKFF-M-1-10

Create, Destroy AES-128

```
# TIME 0
0001 <RequestMessage>
0002   <RequestHeader>
0003     <ProtocolVersion>
0004       <ProtocolVersionMajor type="Integer" value="1"/>
0005       <ProtocolVersionMinor type="Integer" value="0"/>
0006     </ProtocolVersion>
0007     <BatchCount type="Integer" value="1"/>
0008   </RequestHeader>
0009   <BatchItem>
0010     <Operation type="Enumeration" value="Create"/>
0011     <RequestPayload>
0012       <ObjectType type="Enumeration" value="SymmetricKey"/>
0013       <TemplateAttribute>
0014         <Attribute>
0015           <AttributeName type="TextString" value="Cryptographic
Algorithm"/>
0016           <AttributeValue type="Enumeration" value="AES"/>
0017         </Attribute>
0018         <Attribute>
0019           <AttributeName type="TextString" value="Cryptographic
```

0020	Length"/>
0021	<AttributeValue type="Integer" value="128"/>
0022	</Attribute>
0023	<Attribute>
0024	<AttributeName type="TextString" value="Cryptographic
0025	Usage Mask"/>
0026	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0027	</Attribute>
0028	</TemplateAttribute>
0029	</RequestPayload>
0030	</BatchItem>
0031	</RequestMessage>
0032	</ResponseMessage>
0033	<ResponseHeader>
0034	<ProtocolVersion>
0035	<ProtocolVersionMajor type="Integer" value="1"/>
0036	<ProtocolVersionMinor type="Integer" value="0"/>
0037	</ProtocolVersion>
0038	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0039	<BatchCount type="Integer" value="1"/>
0040	</ResponseHeader>
0041	<BatchItem>
0042	<Operation type="Enumeration" value="Create"/>
0043	<ResultStatus type="Enumeration" value="Success"/>
0044	<ResponsePayload>
0045	<ObjectType type="Enumeration" value="SymmetricKey"/>
0046	<UniqueIdentifier type="TextString"
0047	value="\$UNIQUE_IDENTIFIER_0"/>
0048	</ResponsePayload>
0049	</BatchItem>
0050	</ResponseMessage>
0051	# TIME 1
0052	<RequestMessage>
0053	<RequestHeader>
0054	<ProtocolVersion>
0055	<ProtocolVersionMajor type="Integer" value="1"/>
0056	<ProtocolVersionMinor type="Integer" value="0"/>
0057	</ProtocolVersion>
0058	<BatchCount type="Integer" value="1"/>
0059	</RequestHeader>
0060	<BatchItem>
0061	<Operation type="Enumeration" value="Destroy"/>
0062	<RequestPayload>
0063	<UniqueIdentifier type="TextString"
0064	value="\$UNIQUE_IDENTIFIER_0"/>
0065	</RequestPayload>
0066	</BatchItem>
0067	</RequestMessage>
0068	<ResponseMessage>
0069	<ResponseHeader>
0070	<ProtocolVersion>
0071	<ProtocolVersionMajor type="Integer" value="1"/>
0072	<ProtocolVersionMinor type="Integer" value="0"/>
	</ProtocolVersion>
	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
	<BatchCount type="Integer" value="1"/>
	</ResponseHeader>
	<BatchItem>

0073	<Operation type="Enumeration" value="Destroy"/>
0074	<ResultStatus type="Enumeration" value="Success"/>
0075	<ResponsePayload>
0076	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0077	</ResponsePayload>
0078	</BatchItem>
0079	</ResponseMessage>

164

165 3.1.2 SKFF-M-2-10

166 Create, Destroy AES-192

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="0"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0016	<AttributeValue type="Enumeration" value="AES"/>
0017	</Attribute>
0018	<Attribute>
0019	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0020	<AttributeValue type="Integer" value="192"/>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Cryptographic
	Usage Mask"/>
0024	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0025	</Attribute>
0026	</TemplateAttribute>
0027	</RequestPayload>
0028	</BatchItem>
0029	</RequestMessage>
0030	<ResponseMessage>
0031	<ResponseHeader>
0032	<ProtocolVersion>
0033	<ProtocolVersionMajor type="Integer" value="1"/>
0034	<ProtocolVersionMinor type="Integer" value="0"/>
0035	</ProtocolVersion>
0036	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0037	<BatchCount type="Integer" value="1"/>
0038	</ResponseHeader>
0039	<BatchItem>
0040	<Operation type="Enumeration" value="Create"/>

0041	<ResultStatus type="Enumeration" value="Success"/>
0042	<ResponsePayload>
0043	<ObjectType type="Enumeration" value="SymmetricKey"/>
0044	<UniqueIdentifier type="TextString"
0045	value="\$UNIQUE_IDENTIFIER_0"/>
0046	</ResponsePayload>
0047	</BatchItem>
0048	</ResponseMessage>
0048	# TIME 1
0049	<RequestMessage>
0050	<RequestHeader>
0051	<ProtocolVersion>
0052	<ProtocolVersionMajor type="Integer" value="1"/>
0053	<ProtocolVersionMinor type="Integer" value="0"/>
0054	</ProtocolVersion>
0055	<BatchCount type="Integer" value="1"/>
0056	</RequestHeader>
0057	<BatchItem>
0058	<Operation type="Enumeration" value="Destroy"/>
0059	<RequestPayload>
0060	<UniqueIdentifier type="TextString"
0061	value="\$UNIQUE_IDENTIFIER_0"/>
0062	</RequestPayload>
0063	</BatchItem>
0064	</RequestMessage>
0065	<ResponseMessage>
0066	<ResponseHeader>
0067	<ProtocolVersion>
0068	<ProtocolVersionMajor type="Integer" value="1"/>
0069	<ProtocolVersionMinor type="Integer" value="0"/>
0070	</ProtocolVersion>
0071	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0072	<BatchCount type="Integer" value="1"/>
0073	</ResponseHeader>
0074	<BatchItem>
0075	<Operation type="Enumeration" value="Destroy"/>
0076	<ResultStatus type="Enumeration" value="Success"/>
0077	<ResponsePayload>
0078	<UniqueIdentifier type="TextString"
0079	value="\$UNIQUE_IDENTIFIER_0"/>
	</ResponsePayload>
	</BatchItem>
	</ResponseMessage>

167

168 3.1.3 SKFF-M-3-10

169 Create, Destroy AES-256

0001	# TIME 0
0002	<RequestMessage>
0003	<RequestHeader>
0004	<ProtocolVersion>
0005	<ProtocolVersionMajor type="Integer" value="1"/>
0006	<ProtocolVersionMinor type="Integer" value="0"/>
0007	</ProtocolVersion>
0008	<BatchCount type="Integer" value="1"/>
	</RequestHeader>

0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
0016	Algorithm"/>
0017	<AttributeValue type="Enumeration" value="AES"/>
0018	</Attribute>
0019	<Attribute>
0020	<AttributeName type="TextString" value="Cryptographic
0021	Length"/>
0022	<AttributeValue type="Integer" value="256"/>
0023	</Attribute>
0024	<Attribute>
0025	<AttributeName type="TextString" value="Cryptographic
0026	Usage Mask"/>
0027	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0028	</Attribute>
0029	</TemplateAttribute>
0030	</RequestPayload>
0031	</BatchItem>
0032	</RequestMessage>
0033	<ResponseMessage>
0034	<ResponseHeader>
0035	<ProtocolVersion>
0036	<ProtocolVersionMajor type="Integer" value="1"/>
0037	<ProtocolVersionMinor type="Integer" value="0"/>
0038	</ProtocolVersion>
0039	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0040	<BatchCount type="Integer" value="1"/>
0041	</ResponseHeader>
0042	<BatchItem>
0043	<Operation type="Enumeration" value="Create"/>
0044	<ResultStatus type="Enumeration" value="Success"/>
0045	<ResponsePayload>
0046	<ObjectType type="Enumeration" value="SymmetricKey"/>
0047	<UniqueIdentifier type="TextString"
0048	value="\$UNIQUE_IDENTIFIER_0"/>
0049	</ResponsePayload>
0050	</BatchItem>
0051	</ResponseMessage>
0052	# TIME 1
0053	<RequestMessage>
0054	<RequestHeader>
0055	<ProtocolVersion>
0056	<ProtocolVersionMajor type="Integer" value="1"/>
0057	<ProtocolVersionMinor type="Integer" value="0"/>
0058	</ProtocolVersion>
0059	<BatchCount type="Integer" value="1"/>
0060	</RequestHeader>
	<BatchItem>
	<Operation type="Enumeration" value="Destroy"/>
	<RequestPayload>
	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
	</RequestPayload>

0061	</BatchItem>
0062	</RequestMessage>
0063	<ResponseMessage>
0064	<ResponseHeader>
0065	<ProtocolVersion>
0066	<ProtocolVersionMajor type="Integer" value="1"/>
0067	<ProtocolVersionMinor type="Integer" value="0"/>
0068	</ProtocolVersion>
0069	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0070	<BatchCount type="Integer" value="1"/>
0071	</ResponseHeader>
0072	<BatchItem>
0073	<Operation type="Enumeration" value="Destroy"/>
0074	<ResultStatus type="Enumeration" value="Success"/>
0075	<ResponsePayload>
0076	<UniqueIdentifier type="TextString"
0077	value="\$UNIQUE_IDENTIFIER_0"/>
0078	</ResponsePayload>
0079	</BatchItem>
0079	</ResponseMessage>

170

171 3.1.4 SKFF-M-4-10

172 Create, Destroy DES3-168

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="0"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
0016	Algorithm"/>
0017	<AttributeValue type="Enumeration" value="DES3"/>
0018	</Attribute>
0019	<Attribute>
0020	<AttributeName type="TextString" value="Cryptographic
0021	Length"/>
0022	<AttributeValue type="Integer" value="168"/>
0023	</Attribute>
0024	<Attribute>
0025	<AttributeName type="TextString" value="Cryptographic
0026	Usage Mask"/>
0027	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0028	</Attribute>
0028	</TemplateAttribute>
0028	</RequestPayload>
0028	</BatchItem>

0029	</RequestMessage>
0030	<ResponseMessage>
0031	<ResponseHeader>
0032	<ProtocolVersion>
0033	<ProtocolVersionMajor type="Integer" value="1"/>
0034	<ProtocolVersionMinor type="Integer" value="0"/>
0035	</ProtocolVersion>
0036	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0037	<BatchCount type="Integer" value="1"/>
0038	</ResponseHeader>
0039	<BatchItem>
0040	<Operation type="Enumeration" value="Create"/>
0041	<ResultStatus type="Enumeration" value="Success"/>
0042	<ResponsePayload>
0043	<ObjectType type="Enumeration" value="SymmetricKey"/>
0044	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0045	</ResponsePayload>
0046	</BatchItem>
0047	</ResponseMessage>
# TIME 1	
0048	<RequestMessage>
0049	<RequestHeader>
0050	<ProtocolVersion>
0051	<ProtocolVersionMajor type="Integer" value="1"/>
0052	<ProtocolVersionMinor type="Integer" value="0"/>
0053	</ProtocolVersion>
0054	<BatchCount type="Integer" value="1"/>
0055	</RequestHeader>
0056	<BatchItem>
0057	<Operation type="Enumeration" value="Destroy"/>
0058	<RequestPayload>
0059	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0060	</RequestPayload>
0061	</BatchItem>
0062	</RequestMessage>
0063	<ResponseMessage>
0064	<ResponseHeader>
0065	<ProtocolVersion>
0066	<ProtocolVersionMajor type="Integer" value="1"/>
0067	<ProtocolVersionMinor type="Integer" value="0"/>
0068	</ProtocolVersion>
0069	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0070	<BatchCount type="Integer" value="1"/>
0071	</ResponseHeader>
0072	<BatchItem>
0073	<Operation type="Enumeration" value="Destroy"/>
0074	<ResultStatus type="Enumeration" value="Success"/>
0075	<ResponsePayload>
0076	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0077	</ResponsePayload>
0078	</BatchItem>
0079	</ResponseMessage>

173 3.2 Mandatory Test Cases KMIP v1.0 – Intermediate

174 3.1.53.2.1 SKFF-M-5-10

175 Create, Locate, Get, Destroy, Locate AES-128

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="0"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-M-5-10"/>
0018	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0019	</AttributeValue>
0020	</Attribute>
0021	<Attribute>
0022	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0023	<AttributeValue type="Enumeration" value="AES"/>
0024	</Attribute>
0025	<Attribute>
0026	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0027	<AttributeValue type="Integer" value="128"/>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic
	Usage Mask"/>
0031	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0032	</Attribute>
0033	<Attribute>
0034	<AttributeName type="TextString" value="Contact
	Information"/>
0035	<AttributeValue type="TextString" value="Joe"/>
0036	</Attribute>
0037	</TemplateAttribute>
0038	</RequestPayload>
0039	</BatchItem>
0040	</RequestMessage>
0041	<ResponseMessage>
0042	<ResponseHeader>
0043	<ProtocolVersion>
0044	<ProtocolVersionMajor type="Integer" value="1"/>
0045	<ProtocolVersionMinor type="Integer" value="0"/>
0046	</ProtocolVersion>

0047	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0048	<BatchCount type="Integer" value="1"/>
0049	</ResponseHeader>
0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0056	</ResponsePayload>
0057	</BatchItem>
0058	</ResponseMessage>
# TIME 1	
0059	<RequestMessage>
0060	<RequestHeader>
0061	<ProtocolVersion>
0062	<ProtocolVersionMajor type="Integer" value="1"/>
0063	<ProtocolVersionMinor type="Integer" value="0"/>
0064	</ProtocolVersion>
0065	<BatchCount type="Integer" value="1"/>
0066	</RequestHeader>
0067	<BatchItem>
0068	<Operation type="Enumeration" value="Locate"/>
0069	<RequestPayload>
0070	<Attribute>
0071	<AttributeName type="TextString" value="Object Type"/>
0072	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0073	</Attribute>
0074	<Attribute>
0075	<AttributeName type="TextString" value="Name"/>
0076	<AttributeValue>
0077	<NameValue type="TextString" value="SKFF-M-5-10"/>
0078	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0079	</AttributeValue>
0080	</Attribute>
0081	</RequestPayload>
0082	</BatchItem>
0083	</RequestMessage>
0084	<ResponseMessage>
0085	<ResponseHeader>
0086	<ProtocolVersion>
0087	<ProtocolVersionMajor type="Integer" value="1"/>
0088	<ProtocolVersionMinor type="Integer" value="0"/>
0089	</ProtocolVersion>
0090	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0091	<BatchCount type="Integer" value="1"/>
0092	</ResponseHeader>
0093	<BatchItem>
0094	<Operation type="Enumeration" value="Locate"/>
0095	<ResultStatus type="Enumeration" value="Success"/>
0096	<ResponsePayload>
0097	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0098	</ResponsePayload>
0099	</BatchItem>
0100	</ResponseMessage>

0101	# TIME 2
0102	<RequestMessage>
0103	<RequestHeader>
0104	<ProtocolVersion>
0105	<ProtocolVersionMajor type="Integer" value="1"/>
0106	<ProtocolVersionMinor type="Integer" value="0"/>
0107	</ProtocolVersion>
0108	<BatchCount type="Integer" value="1"/>
0109	</RequestHeader>
0110	<BatchItem>
0111	<Operation type="Enumeration" value="Get"/>
0112	<RequestPayload>
0113	<UniqueIdentifier type="TextString"
0114	value="\$UNIQUE_IDENTIFIER_0"/>
0115	</RequestPayload>
0116	</BatchItem>
0117	</RequestMessage>
0118	<ResponseMessage>
0119	<ResponseHeader>
0120	<ProtocolVersion>
0121	<ProtocolVersionMajor type="Integer" value="1"/>
0122	<ProtocolVersionMinor type="Integer" value="0"/>
0123	</ProtocolVersion>
0124	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0125	<BatchCount type="Integer" value="1"/>
0126	</ResponseHeader>
0127	<BatchItem>
0128	<Operation type="Enumeration" value="Get"/>
0129	<ResultStatus type="Enumeration" value="Success"/>
0130	<ResponsePayload>
0131	<ObjectType type="Enumeration" value="SymmetricKey"/>
0132	<UniqueIdentifier type="TextString"
0133	value="\$UNIQUE_IDENTIFIER_0"/>
0134	<SymmetricKey>
0135	<KeyBlock>
0136	<KeyFormatType type="Enumeration" value="Raw"/>
0137	<KeyValue>
0138	<KeyMaterial type="ByteString"
0139	value="ff52f70583d7321722c6d4e5e4605071"/>
0140	</KeyValue>
0141	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0142	<CryptographicLength type="Integer" value="128"/>
0143	</KeyBlock>
0144	</SymmetricKey>
0145	</ResponsePayload>
0146	</BatchItem>
0147	</ResponseMessage>
0148	# TIME 3
0149	<RequestMessage>
0150	<RequestHeader>
0151	<ProtocolVersion>
0152	<ProtocolVersionMajor type="Integer" value="1"/>
0153	<ProtocolVersionMinor type="Integer" value="0"/>
0154	</ProtocolVersion>
0155	<BatchCount type="Integer" value="1"/>
0156	</RequestHeader>
0157	<BatchItem>
0158	<Operation type="Enumeration" value="Destroy"/>

0154	<RequestPayload>
0155	<UniqueIdentifier type="TextString"
0156	value="\$UNIQUE_IDENTIFIER_0"/>
0157	</RequestPayload>
0158	</BatchItem>
0159	</RequestMessage>
0159	<ResponseMessage>
0160	<ResponseHeader>
0161	<ProtocolVersion>
0162	<ProtocolVersionMajor type="Integer" value="1"/>
0163	<ProtocolVersionMinor type="Integer" value="0"/>
0164	</ProtocolVersion>
0165	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0166	<BatchCount type="Integer" value="1"/>
0167	</ResponseHeader>
0168	<BatchItem>
0169	<Operation type="Enumeration" value="Destroy"/>
0170	<ResultStatus type="Enumeration" value="Success"/>
0171	<ResponsePayload>
0172	<UniqueIdentifier type="TextString"
0173	value="\$UNIQUE_IDENTIFIER_0"/>
0174	</ResponsePayload>
0175	</BatchItem>
0176	</ResponseMessage>
0176	# TIME 4
0177	<RequestMessage>
0178	<RequestHeader>
0179	<ProtocolVersion>
0180	<ProtocolVersionMajor type="Integer" value="1"/>
0181	<ProtocolVersionMinor type="Integer" value="0"/>
0182	</ProtocolVersion>
0183	<BatchCount type="Integer" value="1"/>
0184	</RequestHeader>
0185	<BatchItem>
0186	<Operation type="Enumeration" value="Locate"/>
0187	<RequestPayload>
0188	<Attribute>
0189	<AttributeName type="TextString" value="Unique Identifier"/>
0190	<AttributeValue type="TextString"
0191	value="\$UNIQUE_IDENTIFIER_0"/>
0192	</Attribute>
0193	</RequestPayload>
0194	</BatchItem>
0195	</RequestMessage>
0196	<ResponseMessage>
0197	<ResponseHeader>
0198	<ProtocolVersion>
0199	<ProtocolVersionMajor type="Integer" value="1"/>
0200	<ProtocolVersionMinor type="Integer" value="0"/>
0201	</ProtocolVersion>
0202	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0203	<BatchCount type="Integer" value="1"/>
0204	</ResponseHeader>
0205	<BatchItem>
0206	<Operation type="Enumeration" value="Locate"/>
0207	<ResultStatus type="Enumeration" value="Success"/>
0208	<ResponsePayload>
0209	</ResponsePayload>

0208	</BatchItem>
0209	</ResponseMessage>

176

177 **3.1.63.2.2 SKFF-M-6-10**

178 Create, Locate, Get, Destroy, Locate AES-192

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="0"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-M-6-10"/>
0018	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0019	</AttributeValue>
0020	</Attribute>
0021	<Attribute>
0022	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0023	<AttributeValue type="Enumeration" value="AES"/>
0024	</Attribute>
0025	<Attribute>
0026	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0027	<AttributeValue type="Integer" value="192"/>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic
	Usage Mask"/>
0031	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0032	</Attribute>
0033	<Attribute>
0034	<AttributeName type="TextString" value="Contact
	Information"/>
0035	<AttributeValue type="TextString" value="Joe"/>
0036	</Attribute>
0037	</TemplateAttribute>
0038	</RequestPayload>
0039	</BatchItem>
0040	</RequestMessage>
0041	<ResponseMessage>
0042	<ResponseHeader>
0043	<ProtocolVersion>
0044	<ProtocolVersionMajor type="Integer" value="1"/>

0045	<ProtocolVersionMinor type="Integer" value="0"/>
0046	</ProtocolVersion>
0047	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0048	<BatchCount type="Integer" value="1"/>
0049	</ResponseHeader>
0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0056	</ResponsePayload>
0057	</BatchItem>
0058	</ResponseMessage>
# TIME 1	
0059	<RequestMessage>
0060	<RequestHeader>
0061	<ProtocolVersion>
0062	<ProtocolVersionMajor type="Integer" value="1"/>
0063	<ProtocolVersionMinor type="Integer" value="0"/>
0064	</ProtocolVersion>
0065	<BatchCount type="Integer" value="1"/>
0066	</RequestHeader>
0067	<BatchItem>
0068	<Operation type="Enumeration" value="Locate"/>
0069	<RequestPayload>
0070	<Attribute>
0071	<AttributeName type="TextString" value="Object Type"/>
0072	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0073	</Attribute>
0074	<Attribute>
0075	<AttributeName type="TextString" value="Name"/>
0076	<AttributeValue>
0077	<NameValue type="TextString" value="SKFF-M-6-10"/>
0078	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0079	</AttributeValue>
0080	</Attribute>
0081	</RequestPayload>
0082	</BatchItem>
0083	</RequestMessage>
0084	<ResponseMessage>
0085	<ResponseHeader>
0086	<ProtocolVersion>
0087	<ProtocolVersionMajor type="Integer" value="1"/>
0088	<ProtocolVersionMinor type="Integer" value="0"/>
0089	</ProtocolVersion>
0090	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0091	<BatchCount type="Integer" value="1"/>
0092	</ResponseHeader>
0093	<BatchItem>
0094	<Operation type="Enumeration" value="Locate"/>
0095	<ResultStatus type="Enumeration" value="Success"/>
0096	<ResponsePayload>
0097	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0098	</ResponsePayload>

0099	</BatchItem>
0100	</ResponseMessage>
0101	# TIME 2
0102	<RequestMessage>
0103	<RequestHeader>
0104	<ProtocolVersion>
0105	<ProtocolVersionMajor type="Integer" value="1"/>
0106	<ProtocolVersionMinor type="Integer" value="0"/>
0107	</ProtocolVersion>
0108	<BatchCount type="Integer" value="1"/>
0109	</BatchCount>
0110	<Operation type="Enumeration" value="Get"/>
0111	<RequestPayload>
0112	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0113	</RequestPayload>
0114	</BatchItem>
0115	</RequestMessage>
0116	<ResponseMessage>
0117	<ResponseHeader>
0118	<ProtocolVersion>
0119	<ProtocolVersionMajor type="Integer" value="1"/>
0120	<ProtocolVersionMinor type="Integer" value="0"/>
0121	</ProtocolVersion>
0122	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0123	<BatchCount type="Integer" value="1"/>
0124	</BatchCount>
0125	<Operation type="Enumeration" value="Get"/>
0126	<ResultStatus type="Enumeration" value="Success"/>
0127	<ResponsePayload>
0128	<ObjectType type="Enumeration" value="SymmetricKey"/>
0129	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0130	<SymmetricKey>
0131	<KeyBlock>
0132	<KeyFormatType type="Enumeration" value="Raw"/>
0133	<KeyValue>
0134	<KeyMaterial type="ByteString" value="ae2443611895beb460237aa0a86eld097d77e33307a8aaff"/>
0135	</KeyMaterial>
0136	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0137	<CryptographicLength type="Integer" value="192"/>
0138	</CryptographicLength>
0139	</KeyBlock>
0140	</SymmetricKey>
0141	</ResponsePayload>
0142	</BatchItem>
0143	</ResponseMessage>
0144	# TIME 3
0145	<RequestMessage>
0146	<RequestHeader>
0147	<ProtocolVersion>
0148	<ProtocolVersionMajor type="Integer" value="1"/>
0149	<ProtocolVersionMinor type="Integer" value="0"/>
0150	</ProtocolVersion>
0151	<BatchCount type="Integer" value="1"/>

0152	<BatchItem>
0153	<Operation type="Enumeration" value="Destroy"/>
0154	<RequestPayload>
0155	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0156	</RequestPayload>
0157	</BatchItem>
0158	</RequestMessage>
0159	<ResponseMessage>
0160	<ResponseHeader>
0161	<ProtocolVersion>
0162	<ProtocolVersionMajor type="Integer" value="1"/>
0163	<ProtocolVersionMinor type="Integer" value="0"/>
0164	</ProtocolVersion>
0165	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0166	<BatchCount type="Integer" value="1"/>
0167	</ResponseHeader>
0168	<BatchItem>
0169	<Operation type="Enumeration" value="Destroy"/>
0170	<ResultStatus type="Enumeration" value="Success"/>
0171	<ResponsePayload>
0172	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0173	</ResponsePayload>
0174	</BatchItem>
0175	</ResponseMessage>
	# TIME 4
0176	<RequestMessage>
0177	<RequestHeader>
0178	<ProtocolVersion>
0179	<ProtocolVersionMajor type="Integer" value="1"/>
0180	<ProtocolVersionMinor type="Integer" value="0"/>
0181	</ProtocolVersion>
0182	<BatchCount type="Integer" value="1"/>
0183	</RequestHeader>
0184	<BatchItem>
0185	<Operation type="Enumeration" value="Locate"/>
0186	<RequestPayload>
0187	<Attribute>
0188	<AttributeName type="TextString" value="Unique Identifier"/>
0189	<AttributeValue type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0190	</Attribute>
0191	</RequestPayload>
0192	</BatchItem>
0193	</RequestMessage>
0194	<ResponseMessage>
0195	<ResponseHeader>
0196	<ProtocolVersion>
0197	<ProtocolVersionMajor type="Integer" value="1"/>
0198	<ProtocolVersionMinor type="Integer" value="0"/>
0199	</ProtocolVersion>
0200	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0201	<BatchCount type="Integer" value="1"/>
0202	</ResponseHeader>
0203	<BatchItem>
0204	<Operation type="Enumeration" value="Locate"/>
0205	<ResultStatus type="Enumeration" value="Success"/>

0206	<ResponsePayload>
0207	</ResponsePayload>
0208	</BatchItem>
0209	</ResponseMessage>

179

180 **3.4.73.2.3 SKFF-M-7-10**

181 Create, Locate, Get, Destroy, Locate AES-256

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="0"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-M-7-10"/>
0018	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0019	</AttributeValue>
0020	</Attribute>
0021	<Attribute>
0022	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0023	<AttributeValue type="Enumeration" value="AES"/>
0024	</Attribute>
0025	<Attribute>
0026	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0027	<AttributeValue type="Integer" value="256"/>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic
	Usage Mask"/>
0031	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0032	</Attribute>
0033	<Attribute>
0034	<AttributeName type="TextString" value="Contact
	Information"/>
0035	<AttributeValue type="TextString" value="Joe"/>
0036	</Attribute>
0037	</TemplateAttribute>
0038	</RequestPayload>
0039	</BatchItem>
0040	</RequestMessage>
0041	<ResponseMessage>
0042	<ResponseHeader>

0043	<ProtocolVersion>
0044	<ProtocolVersionMajor type="Integer" value="1"/>
0045	<ProtocolVersionMinor type="Integer" value="0"/>
0046	</ProtocolVersion>
0047	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0048	<BatchCount type="Integer" value="1"/>
0049	</ResponseHeader>
0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0056	</ResponsePayload>
0057	</BatchItem>
0058	</ResponseMessage>
# TIME 1	
0059	<RequestMessage>
0060	<RequestHeader>
0061	<ProtocolVersion>
0062	<ProtocolVersionMajor type="Integer" value="1"/>
0063	<ProtocolVersionMinor type="Integer" value="0"/>
0064	</ProtocolVersion>
0065	<BatchCount type="Integer" value="1"/>
0066	</RequestHeader>
0067	<BatchItem>
0068	<Operation type="Enumeration" value="Locate"/>
0069	<RequestPayload>
0070	<Attribute>
0071	<AttributeName type="TextString" value="Object Type"/>
0072	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0073	</Attribute>
0074	<Attribute>
0075	<AttributeName type="TextString" value="Name"/>
0076	<AttributeValue>
0077	<NameValue type="TextString" value="SKFF-M-7-10"/>
0078	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0079	</AttributeValue>
0080	</Attribute>
0081	</RequestPayload>
0082	</BatchItem>
0083	</RequestMessage>
0084	<ResponseMessage>
0085	<ResponseHeader>
0086	<ProtocolVersion>
0087	<ProtocolVersionMajor type="Integer" value="1"/>
0088	<ProtocolVersionMinor type="Integer" value="0"/>
0089	</ProtocolVersion>
0090	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0091	<BatchCount type="Integer" value="1"/>
0092	</ResponseHeader>
0093	<BatchItem>
0094	<Operation type="Enumeration" value="Locate"/>
0095	<ResultStatus type="Enumeration" value="Success"/>
0096	<ResponsePayload>
0097	<UniqueIdentifier type="TextString"

0098	value="\$UNIQUE_IDENTIFIER_0"/>
0099	</ResponsePayload>
0100	</BatchItem>
	</ResponseMessage>
0101	# TIME 2
0102	<RequestMessage>
0103	<RequestHeader>
0104	<ProtocolVersion>
0105	<ProtocolVersionMajor type="Integer" value="1"/>
0106	<ProtocolVersionMinor type="Integer" value="0"/>
0107	</ProtocolVersion>
0108	<BatchCount type="Integer" value="1"/>
0109	</BatchCount>
0110	<BatchItem>
0111	<Operation type="Enumeration" value="Get"/>
0112	<RequestPayload>
0113	<UniqueIdentifier type="TextString"
0114	value="\$UNIQUE_IDENTIFIER_0"/>
0115	</UniqueIdentifier>
0116	</RequestPayload>
0117	</BatchItem>
0118	</RequestMessage>
0119	<ResponseMessage>
0120	<ResponseHeader>
0121	<ProtocolVersion>
0122	<ProtocolVersionMajor type="Integer" value="1"/>
0123	<ProtocolVersionMinor type="Integer" value="0"/>
0124	</ProtocolVersion>
0125	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0126	<BatchCount type="Integer" value="1"/>
0127	</BatchCount>
0128	<ResponseHeader>
0129	<BatchItem>
0130	<Operation type="Enumeration" value="Get"/>
0131	<ResultStatus type="Enumeration" value="Success"/>
0132	<ResponsePayload>
0133	<ObjectType type="Enumeration" value="SymmetricKey"/>
0134	<UniqueIdentifier type="TextString"
0135	value="\$UNIQUE_IDENTIFIER_0"/>
0136	</UniqueIdentifier>
0137	<SymmetricKey>
0138	<KeyBlock>
0139	<KeyFormatType type="Enumeration" value="Raw"/>
0140	<KeyValue>
0141	<KeyMaterial type="ByteString"
0142	value="f88b2ddae98a018dc3b73df2b06895e548af3e1f93d66e40ea807b9078de0b18"/>
0143	</KeyMaterial>
0144	</KeyValue>
0145	</KeyBlock>
0146	</SymmetricKey>
0147	</ResponsePayload>
0148	</BatchItem>
	</ResponseMessage>
0149	# TIME 3
0150	<RequestMessage>
0151	<RequestHeader>
0152	<ProtocolVersion>
0153	<ProtocolVersionMajor type="Integer" value="1"/>
0154	<ProtocolVersionMinor type="Integer" value="0"/>

0149	</ProtocolVersion>
0150	<BatchCount type="Integer" value="1"/>
0151	</RequestHeader>
0152	<BatchItem>
0153	<Operation type="Enumeration" value="Destroy"/>
0154	<RequestPayload>
0155	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0156	</RequestPayload>
0157	</BatchItem>
0158	</RequestMessage>
0159	<ResponseMessage>
0160	<ResponseHeader>
0161	<ProtocolVersion>
0162	<ProtocolVersionMajor type="Integer" value="1"/>
0163	<ProtocolVersionMinor type="Integer" value="0"/>
0164	</ProtocolVersion>
0165	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0166	<BatchCount type="Integer" value="1"/>
0167	</ResponseHeader>
0168	<BatchItem>
0169	<Operation type="Enumeration" value="Destroy"/>
0170	<ResultStatus type="Enumeration" value="Success"/>
0171	<ResponsePayload>
0172	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0173	</ResponsePayload>
0174	</BatchItem>
0175	</ResponseMessage>
	# TIME 4
0176	<RequestMessage>
0177	<RequestHeader>
0178	<ProtocolVersion>
0179	<ProtocolVersionMajor type="Integer" value="1"/>
0180	<ProtocolVersionMinor type="Integer" value="0"/>
0181	</ProtocolVersion>
0182	<BatchCount type="Integer" value="1"/>
0183	</RequestHeader>
0184	<BatchItem>
0185	<Operation type="Enumeration" value="Locate"/>
0186	<RequestPayload>
0187	<Attribute>
0188	<AttributeName type="TextString" value="Unique Identifier"/>
0189	<AttributeValue type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0190	</Attribute>
0191	</RequestPayload>
0192	</BatchItem>
0193	</RequestMessage>
0194	<ResponseMessage>
0195	<ResponseHeader>
0196	<ProtocolVersion>
0197	<ProtocolVersionMajor type="Integer" value="1"/>
0198	<ProtocolVersionMinor type="Integer" value="0"/>
0199	</ProtocolVersion>
0200	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0201	<BatchCount type="Integer" value="1"/>
0202	</ResponseHeader>

0203	<BatchItem>
0204	<Operation type="Enumeration" value="Locate"/>
0205	<ResultStatus type="Enumeration" value="Success"/>
0206	<ResponsePayload>
0207	</ResponsePayload>
0208	</BatchItem>
0209	</ResponseMessage>

182

183 **3.1.83.2.4 SKFF-M-8-10**

184 Create, Locate, Get, Destroy, Locate DES3-168

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="0"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-M-8-10"/>
0018	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0019	</AttributeValue>
0020	</Attribute>
0021	<Attribute>
0022	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0023	<AttributeValue type="Enumeration" value="DES3"/>
0024	</Attribute>
0025	<Attribute>
0026	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0027	<AttributeValue type="Integer" value="168"/>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic
	Usage Mask"/>
0031	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0032	</Attribute>
0033	<Attribute>
0034	<AttributeName type="TextString" value="Contact
	Information"/>
0035	<AttributeValue type="TextString" value="Joe"/>
0036	</Attribute>
0037	</TemplateAttribute>
0038	</RequestPayload>
0039	</BatchItem>

0040	</RequestMessage>
0041	<ResponseMessage>
0042	<ResponseHeader>
0043	<ProtocolVersion>
0044	<ProtocolVersionMajor type="Integer" value="1"/>
0045	<ProtocolVersionMinor type="Integer" value="0"/>
0046	</ProtocolVersion>
0047	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0048	<BatchCount type="Integer" value="1"/>
0049	</ResponseHeader>
0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0056	</ResponsePayload>
0057	</BatchItem>
0058	</ResponseMessage>
# TIME 1	
0059	<RequestMessage>
0060	<RequestHeader>
0061	<ProtocolVersion>
0062	<ProtocolVersionMajor type="Integer" value="1"/>
0063	<ProtocolVersionMinor type="Integer" value="0"/>
0064	</ProtocolVersion>
0065	<BatchCount type="Integer" value="1"/>
0066	</RequestHeader>
0067	<BatchItem>
0068	<Operation type="Enumeration" value="Locate"/>
0069	<RequestPayload>
0070	<Attribute>
0071	<AttributeName type="TextString" value="Object Type"/>
0072	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0073	</Attribute>
0074	<Attribute>
0075	<AttributeName type="TextString" value="Name"/>
0076	<AttributeValue>
0077	<NameValue type="TextString" value="SKFF-M-8-10"/>
0078	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0079	</AttributeValue>
0080	</Attribute>
0081	</RequestPayload>
0082	</BatchItem>
0083	</RequestMessage>
0084	<ResponseMessage>
0085	<ResponseHeader>
0086	<ProtocolVersion>
0087	<ProtocolVersionMajor type="Integer" value="1"/>
0088	<ProtocolVersionMinor type="Integer" value="0"/>
0089	</ProtocolVersion>
0090	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0091	<BatchCount type="Integer" value="1"/>
0092	</ResponseHeader>
0093	<BatchItem>
0094	<Operation type="Enumeration" value="Locate"/>

0095	<ResultStatus type="Enumeration" value="Success"/>
0096	<ResponsePayload>
0097	<UniqueIdentifier type="TextString"
0098	value="\$UNIQUE_IDENTIFIER_0"/>
0099	</ResponsePayload>
0100	</BatchItem>
	</ResponseMessage>
	# TIME 2
0101	<RequestMessage>
0102	<RequestHeader>
0103	<ProtocolVersion>
0104	<ProtocolVersionMajor type="Integer" value="1"/>
0105	<ProtocolVersionMinor type="Integer" value="0"/>
0106	</ProtocolVersion>
0107	<BatchCount type="Integer" value="1"/>
0108	</RequestHeader>
0109	<BatchItem>
0110	<Operation type="Enumeration" value="Get"/>
0111	<RequestPayload>
0112	<UniqueIdentifier type="TextString"
0113	value="\$UNIQUE_IDENTIFIER_0"/>
0114	</RequestPayload>
0115	</BatchItem>
	</RequestMessage>
0116	<ResponseMessage>
0117	<ResponseHeader>
0118	<ProtocolVersion>
0119	<ProtocolVersionMajor type="Integer" value="1"/>
0120	<ProtocolVersionMinor type="Integer" value="0"/>
0121	</ProtocolVersion>
0122	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0123	<BatchCount type="Integer" value="1"/>
0124	</ResponseHeader>
0125	<BatchItem>
0126	<Operation type="Enumeration" value="Get"/>
0127	<ResultStatus type="Enumeration" value="Success"/>
0128	<ResponsePayload>
0129	<ObjectType type="Enumeration" value="SymmetricKey"/>
0130	<UniqueIdentifier type="TextString"
0131	value="\$UNIQUE_IDENTIFIER_0"/>
0132	<SymmetricKey>
0133	<KeyBlock>
0134	<KeyFormatType type="Enumeration" value="Raw"/>
0135	<KeyValue>
0136	<KeyMaterial type="ByteString"
0137	value="7367578051012a6d134a855e25c8cd5e4ca131455729d3c8"/>
0138	</KeyMaterial>
0139	</KeyBlock>
0140	</SymmetricKey>
0141	</ResponsePayload>
0142	</BatchItem>
0143	</ResponseMessage>
	# TIME 3
0144	<RequestMessage>
0145	<RequestHeader>
0146	<ProtocolVersion>

0147	<ProtocolVersionMajor type="Integer" value="1"/>
0148	<ProtocolVersionMinor type="Integer" value="0"/>
0149	</ProtocolVersion>
0150	<BatchCount type="Integer" value="1"/>
0151	</RequestHeader>
0152	<BatchItem>
0153	<Operation type="Enumeration" value="Destroy"/>
0154	<RequestPayload>
0155	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0156	</RequestPayload>
0157	</BatchItem>
0158	</RequestMessage>
0159	<ResponseMessage>
0160	<ResponseHeader>
0161	<ProtocolVersion>
0162	<ProtocolVersionMajor type="Integer" value="1"/>
0163	<ProtocolVersionMinor type="Integer" value="0"/>
0164	</ProtocolVersion>
0165	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0166	<BatchCount type="Integer" value="1"/>
0167	</ResponseHeader>
0168	<BatchItem>
0169	<Operation type="Enumeration" value="Destroy"/>
0170	<ResultStatus type="Enumeration" value="Success"/>
0171	<ResponsePayload>
0172	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0173	</ResponsePayload>
0174	</BatchItem>
0175	</ResponseMessage>
	# TIME 4
0176	<RequestMessage>
0177	<RequestHeader>
0178	<ProtocolVersion>
0179	<ProtocolVersionMajor type="Integer" value="1"/>
0180	<ProtocolVersionMinor type="Integer" value="0"/>
0181	</ProtocolVersion>
0182	<BatchCount type="Integer" value="1"/>
0183	</RequestHeader>
0184	<BatchItem>
0185	<Operation type="Enumeration" value="Locate"/>
0186	<RequestPayload>
0187	<Attribute>
0188	<AttributeName type="TextString" value="Unique Identifier"/>
0189	<AttributeValue type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0190	</Attribute>
0191	</RequestPayload>
0192	</BatchItem>
0193	</RequestMessage>
0194	<ResponseMessage>
0195	<ResponseHeader>
0196	<ProtocolVersion>
0197	<ProtocolVersionMajor type="Integer" value="1"/>
0198	<ProtocolVersionMinor type="Integer" value="0"/>
0199	</ProtocolVersion>
0200	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>

```

0201     <BatchCount type="Integer" value="1"/>
0202     </ResponseHeader>
0203     <BatchItem>
0204         <Operation type="Enumeration" value="Locate"/>
0205         <ResultStatus type="Enumeration" value="Success"/>
0206         <ResponsePayload>
0207             </ResponsePayload>
0208         </BatchItem>
0209     </ResponseMessage>

```

3.3 Mandatory Test Cases KMIP v1.0 – Advanced

3.1.93.3.1 SKFF-M-9-10

Create, Get, Activate, Revoke, Locate, Add/Mod/Del Attributes, Destroy AES-128

```

# TIME 0
0001 <RequestMessage>
0002     <RequestHeader>
0003         <ProtocolVersion>
0004             <ProtocolVersionMajor type="Integer" value="1"/>
0005             <ProtocolVersionMinor type="Integer" value="0"/>
0006         </ProtocolVersion>
0007         <BatchCount type="Integer" value="1"/>
0008     </RequestHeader>
0009     <BatchItem>
0010         <Operation type="Enumeration" value="Create"/>
0011         <RequestPayload>
0012             <ObjectType type="Enumeration" value="SymmetricKey"/>
0013             <TemplateAttribute>
0014                 <Attribute>
0015                     <AttributeName type="TextString" value="Cryptographic
Algorithm"/>
0016                     <AttributeValue type="Enumeration" value="AES"/>
0017                 </Attribute>
0018                 <Attribute>
0019                     <AttributeName type="TextString" value="Cryptographic
Length"/>
0020                     <AttributeValue type="Integer" value="128"/>
0021                 </Attribute>
0022                 <Attribute>
0023                     <AttributeName type="TextString" value="Name"/>
0024                     <AttributeValue>
0025                         <NameValue type="TextString" value="SKFF-M-9-10"/>
0026                         <NameType type="Enumeration"
value="UninterpretedTextString"/>
0027                     </AttributeValue>
0028                 </Attribute>
0029                 <Attribute>
0030                     <AttributeName type="TextString" value="Cryptographic
Usage Mask"/>
0031                     <AttributeValue type="Integer" value="Encrypt"/>
0032                 </Attribute>
0033             </TemplateAttribute>
0034         </RequestPayload>
0035     </BatchItem>
0036 </RequestMessage>
0037 <ResponseMessage>

```

0038	<ResponseHeader>
0039	<ProtocolVersion>
0040	<ProtocolVersionMajor type="Integer" value="1"/>
0041	<ProtocolVersionMinor type="Integer" value="0"/>
0042	</ProtocolVersion>
0043	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0044	<BatchCount type="Integer" value="1"/>
0045	</ResponseHeader>
0046	<BatchItem>
0047	<Operation type="Enumeration" value="Create"/>
0048	<ResultStatus type="Enumeration" value="Success"/>
0049	<ResponsePayload>
0050	<ObjectType type="Enumeration" value="SymmetricKey"/>
0051	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0052	</ResponsePayload>
0053	</BatchItem>
0054	</ResponseMessage>
0055	# TIME 1
0056	<RequestMessage>
0057	<RequestHeader>
0058	<ProtocolVersion>
0059	<ProtocolVersionMajor type="Integer" value="1"/>
0060	<ProtocolVersionMinor type="Integer" value="0"/>
0061	</ProtocolVersion>
0062	<BatchCount type="Integer" value="1"/>
0063	</RequestHeader>
0064	<BatchItem>
0065	<Operation type="Enumeration" value="GetAttributes"/>
0066	<RequestPayload>
	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0067	<AttributeName type="TextString" value="State"/>
0068	</RequestPayload>
0069	</BatchItem>
0070	</RequestMessage>
0071	<ResponseMessage>
0072	<ResponseHeader>
0073	<ProtocolVersion>
0074	<ProtocolVersionMajor type="Integer" value="1"/>
0075	<ProtocolVersionMinor type="Integer" value="0"/>
0076	</ProtocolVersion>
0077	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0078	<BatchCount type="Integer" value="1"/>
0079	</ResponseHeader>
0080	<BatchItem>
0081	<Operation type="Enumeration" value="GetAttributes"/>
0082	<ResultStatus type="Enumeration" value="Success"/>
0083	<ResponsePayload>
0084	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0085	<Attribute>
0086	<AttributeName type="TextString" value="State"/>
0087	<AttributeValue type="Enumeration" value="PreActive"/>
0088	</Attribute>
0089	</ResponsePayload>
0090	</BatchItem>
0091	</ResponseMessage>

0092	# TIME 2
0093	<RequestMessage>
0094	<RequestHeader>
0095	<ProtocolVersion>
0096	<ProtocolVersionMajor type="Integer" value="1"/>
0097	<ProtocolVersionMinor type="Integer" value="0"/>
0098	</ProtocolVersion>
0099	<BatchCount type="Integer" value="1"/>
0100	</RequestHeader>
0101	<BatchItem>
0102	<Operation type="Enumeration" value="Activate"/>
0103	<RequestPayload>
0104	<UniqueIdentifier type="TextString"
0105	value="\$UNIQUE_IDENTIFIER_0"/>
0106	</RequestPayload>
0107	</BatchItem>
0108	</RequestMessage>
0109	<ResponseMessage>
0110	<ResponseHeader>
0111	<ProtocolVersion>
0112	<ProtocolVersionMajor type="Integer" value="1"/>
0113	<ProtocolVersionMinor type="Integer" value="0"/>
0114	</ProtocolVersion>
0115	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0116	<BatchCount type="Integer" value="1"/>
0117	</ResponseHeader>
0118	<BatchItem>
0119	<Operation type="Enumeration" value="Activate"/>
0120	<ResultStatus type="Enumeration" value="Success"/>
0121	<ResponsePayload>
0122	<UniqueIdentifier type="TextString"
0123	value="\$UNIQUE_IDENTIFIER_0"/>
0124	</ResponsePayload>
0125	</BatchItem>
0126	</ResponseMessage>
0127	# TIME 3
0128	<RequestMessage>
0129	<RequestHeader>
0130	<ProtocolVersion>
0131	<ProtocolVersionMajor type="Integer" value="1"/>
0132	<ProtocolVersionMinor type="Integer" value="0"/>
0133	</ProtocolVersion>
0134	<BatchCount type="Integer" value="1"/>
0135	</RequestHeader>
0136	<BatchItem>
0137	<Operation type="Enumeration" value="GetAttributes"/>
0138	<RequestPayload>
0139	<UniqueIdentifier type="TextString"
0140	value="\$UNIQUE_IDENTIFIER_0"/>
0141	<AttributeName type="TextString" value="State"/>
0142	</RequestPayload>
0143	</BatchItem>
0144	</RequestMessage>
0145	<ResponseMessage>
0146	<ResponseHeader>
0147	<ProtocolVersion>
0148	<ProtocolVersionMajor type="Integer" value="1"/>
0149	<ProtocolVersionMinor type="Integer" value="0"/>

0145	</ProtocolVersion>
0146	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0147	<BatchCount type="Integer" value="1"/>
0148	</ResponseHeader>
0149	<BatchItem>
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0156	<AttributeValue type="Enumeration" value="Active"/>
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0174	<AttributeValue type="Enumeration" value="SymmetricKey"/>
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0180	<NameType type="Enumeration" value="UninterpretedTextString"/>
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0241	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0242	<CryptographicLength type="Integer" value="128"/>
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	value="KeyCompromise"/>
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	Algorithm"/>
0351	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0352	<AttributeName type="TextString" value="Activation Date"/>
0353	<AttributeName type="TextString" value="Compromise Date"/>
0354	<AttributeName type="TextString" value="Compromise Occurrence
	Date"/>

0355	<AttributeName type="TextString" value="Cryptographic Usage Mask"/>
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0357	<AttributeName type="TextString" value="Initial Date"/>
0358	<AttributeName type="TextString" value="Last Change Date"/>
0359	<AttributeName type="TextString" value="Lease Time"/>
0360	<AttributeName type="TextString" value="Name"/>
0361	<AttributeName type="TextString" value="Revocation Reason"/>
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0451	<AttributeValue type="TextString" value="Value1"/>
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0453	</ResponsePayload>
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0615	</ResponseHeader>
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0664	</ResponsePayload>
0665	</BatchItem>
0666	</ResponseMessage>

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189 3.1.103.3.2 SKFF-M-10-10

190 Create, GetAttributes, Activate, GetAttributes, Locate, Get, Revoke, GetAttributes, GetAttributeList,
191 GetAttributes, AddAttribute, AddAttribute, ModifyAttribute, DeleteAttribute, Get, Destroy AES-128

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0015	<AttributeName type="TextString" value="Cryptographic
0016	Algorithm"/>
0017	<AttributeValue type="Enumeration" value="AES"/>
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0021	Length"/>
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0023	</Attribute>
0024	<Attribute>
0025	<AttributeName type="TextString" value="Name"/>
0026	<AttributeValue>
0027	<NameValue type="TextString" value="SKFF-M-10-10"/>
0028	<NameType type="Enumeration"
0029	value="UninterpretedTextString"/>
0030	</AttributeValue>
0031	</Attribute>
0032	<Attribute>
0033	<AttributeName type="TextString" value="Cryptographic
0034	Usage Mask"/>
0035	<AttributeValue type="Integer" value="Encrypt"/>
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0064	<Operation type="Enumeration" value="GetAttributes"/>
0065	<RequestPayload>
0066	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0067	<AttributeName type="TextString" value="State"/>
0068	</RequestPayload>
0069	</BatchItem>
0070	</RequestMessage>
0071	<ResponseMessage>
0072	<ResponseHeader>
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0077	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0078	<BatchCount type="Integer" value="1"/>
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0080	<BatchItem>
0081	<Operation type="Enumeration" value="GetAttributes"/>
0082	<ResultStatus type="Enumeration" value="Success"/>
0083	<ResponsePayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0085	<Attribute>
0086	<AttributeName type="TextString" value="State"/>
0087	<AttributeValue type="Enumeration" value="PreActive"/>
0088	</Attribute>
0089	</ResponsePayload>
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0091	</ResponseMessage>
0092	# TIME 2
0093	<RequestMessage>
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0101	<BatchItem>
0102	<Operation type="Enumeration" value="Activate"/>
0103	<RequestPayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0105	</BatchItem>
0106	</RequestMessage>
0107	<ResponseMessage>
0108	<ResponseHeader>

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01114	<BatchCount type="Integer" value="1"/>
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01116	<BatchItem>
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01118	<ResultStatus type="Enumeration" value="Success"/>
01119	<ResponsePayload>
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01211	value="\$UNIQUE_IDENTIFIER_0"/>
01212	</ResponsePayload>
01222	</BatchItem>
01233	</ResponseMessage>
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01244	<RequestMessage>
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01311	</RequestHeader>
01322	<BatchItem>
01333	<Operation type="Enumeration" value="GetAttributes"/>
01344	<RequestPayload>
01355	<UniqueIdentifier type="TextString"
01366	value="\$UNIQUE_IDENTIFIER_0"/>
01377	<AttributeName type="TextString" value="State"/>
01388	</RequestPayload>
01399	</BatchItem>
01400	</RequestMessage>
01411	<ResponseMessage>
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01488	<BatchCount type="Integer" value="1"/>
01499	</ResponseHeader>
01500	<BatchItem>
01511	<Operation type="Enumeration" value="GetAttributes"/>
01522	<ResultStatus type="Enumeration" value="Success"/>
01533	<ResponsePayload>
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01555	value="\$UNIQUE_IDENTIFIER_0"/>
01566	<Attribute>
01577	<AttributeName type="TextString" value="State"/>
01588	<AttributeValue type="Enumeration" value="Active"/>
01599	</Attribute>
01600	</ResponsePayload>
01611	</BatchItem>
01622	</ResponseMessage>
# TIME 4	
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0166	</ProtocolVersion>
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0168	</RequestHeader>
0169	<BatchItem>
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0171	<RequestPayload>
0172	<Attribute>
0173	<AttributeName type="TextString" value="Object Type"/>
0174	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0175	</Attribute>
0176	<Attribute>
0177	<AttributeName type="TextString" value="Name"/>
0178	<AttributeValue>
0179	<NameValue type="TextString" value="SKFF-M-10-10"/>
0180	<NameType type="Enumeration"
0181	value="UninterpretedTextString"/>
0182	</AttributeValue>
0183	</Attribute>
0184	</RequestPayload>
0185	</BatchItem>
0186	</RequestMessage>
0187	<ResponseMessage>
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0189	<ProtocolVersion>
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0192	</ProtocolVersion>
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0194	<BatchCount type="Integer" value="1"/>
0195	</ResponseHeader>
0196	<BatchItem>
0197	<Operation type="Enumeration" value="Locate"/>
0198	<ResultStatus type="Enumeration" value="Success"/>
0199	<ResponsePayload>
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0201	value="\$UNIQUE_IDENTIFIER_0"/>
0202	</ResponsePayload>
0203	</BatchItem>
0204	</ResponseMessage>
0205	# TIME 5
0206	<RequestMessage>
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0211	</ProtocolVersion>
0212	<BatchCount type="Integer" value="1"/>
0213	</RequestHeader>
0214	<BatchItem>
0215	<Operation type="Enumeration" value="Get"/>
	<RequestPayload>
	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
	</RequestPayload>

0216	</BatchItem>
0217	</RequestMessage>
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0225	<BatchCount type="Integer" value="1"/>
0226	</ResponseHeader>
0227	<BatchItem>
0228	<Operation type="Enumeration" value="Get"/>
0229	<ResultStatus type="Enumeration" value="Success"/>
0230	<ResponsePayload>
0231	<ObjectType type="Enumeration" value="SymmetricKey"/>
0232	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0233	<SymmetricKey>
0234	<KeyBlock>
0235	<KeyFormatType type="Enumeration" value="Raw"/>
0236	<KeyValue>
0237	<KeyMaterial type="ByteString"
	value="13e1e3d7b4e630dc4582869ce7e8d27e1c5f31fdec2abee1"/>
0238	</KeyValue>
0239	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0240	<CryptographicLength type="Integer" value="192"/>
0241	</KeyBlock>
0242	</SymmetricKey>
0243	</ResponsePayload>
0244	</BatchItem>
0245	</ResponseMessage>
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0246	<RequestMessage>
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0251	</ProtocolVersion>
0252	<BatchCount type="Integer" value="1"/>
0253	</RequestHeader>
0254	<BatchItem>
0255	<Operation type="Enumeration" value="Revoke"/>
0256	<RequestPayload>
0257	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0258	<RevocationReason>
0259	<RevocationReasonCode type="Enumeration"
	value="KeyCompromise"/>
0260	</RevocationReason>
0261	<CompromiseOccurrenceDate type="DateTime" value="1970-01-
	01T00:00:00+00:00"/>
0262	</RequestPayload>
0263	</BatchItem>
0264	</RequestMessage>
0265	<ResponseMessage>
0266	<ResponseHeader>
0267	<ProtocolVersion>

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0271	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0272	<BatchCount type="Integer" value="1"/>
0273	</ResponseHeader>
0274	<BatchItem>
0275	<Operation type="Enumeration" value="Revoke"/>
0276	<ResultStatus type="Enumeration" value="Success"/>
0277	<ResponsePayload>
0278	<UniqueIdentifier type="TextString"
0279	value="\$UNIQUE_IDENTIFIER_0"/>
0280	</ResponsePayload>
0281	</BatchItem>
0281	</ResponseMessage>
# TIME 7	
0282	<RequestMessage>
0283	<RequestHeader>
0284	<ProtocolVersion>
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0287	</ProtocolVersion>
0288	<BatchCount type="Integer" value="1"/>
0289	</RequestHeader>
0290	<BatchItem>
0291	<Operation type="Enumeration" value="GetAttributes"/>
0292	<RequestPayload>
0293	<UniqueIdentifier type="TextString"
0294	value="\$UNIQUE_IDENTIFIER_0"/>
0295	<AttributeName type="TextString" value="State"/>
0296	</RequestPayload>
0297	</BatchItem>
0297	</RequestMessage>
0298	<ResponseMessage>
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0305	<BatchCount type="Integer" value="1"/>
0306	</ResponseHeader>
0307	<BatchItem>
0308	<Operation type="Enumeration" value="GetAttributes"/>
0309	<ResultStatus type="Enumeration" value="Success"/>
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0312	value="\$UNIQUE_IDENTIFIER_0"/>
0313	<Attribute>
0314	<AttributeName type="TextString" value="State"/>
0315	<AttributeValue type="Enumeration" value="Compromised"/>
0316	</Attribute>
0317	</ResponsePayload>
0318	</BatchItem>
0318	</ResponseMessage>
# TIME 8	
0319	<RequestMessage>
0320	<RequestHeader>

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0324	</ProtocolVersion>
0325	<BatchCount type="Integer" value="1"/>
0326	</RequestHeader>
0327	<BatchItem>
0328	<Operation type="Enumeration" value="GetAttributeList"/>
0329	<RequestPayload>
0330	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0331	</RequestPayload>
0332	</BatchItem>
0333	</RequestMessage>
0334	<ResponseMessage>
0335	<ResponseHeader>
0336	<ProtocolVersion>
0337	<ProtocolVersionMajor type="Integer" value="1"/>
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0339	</ProtocolVersion>
0340	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0341	<BatchCount type="Integer" value="1"/>
0342	</ResponseHeader>
0343	<BatchItem>
0344	<Operation type="Enumeration" value="GetAttributeList"/>
0345	<ResultStatus type="Enumeration" value="Success"/>
0346	<ResponsePayload>
0347	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0348	<AttributeName type="TextString" value="Unique Identifier"/>
0349	<AttributeName type="TextString" value="Object Type"/>
0350	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0351	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0352	<AttributeName type="TextString" value="Activation Date"/>
0353	<AttributeName type="TextString" value="Compromise Date"/>
0354	<AttributeName type="TextString" value="Compromise Occurrence
	Date"/>
0355	<AttributeName type="TextString" value="Cryptographic Usage
	Mask"/>
0356	<AttributeName type="TextString" value="Digest"/>
0357	<AttributeName type="TextString" value="Initial Date"/>
0358	<AttributeName type="TextString" value="Last Change Date"/>
0359	<AttributeName type="TextString" value="Lease Time"/>
0360	<AttributeName type="TextString" value="Name"/>
0361	<AttributeName type="TextString" value="Revocation Reason"/>
0362	<AttributeName type="TextString" value="State"/>
0363	</ResponsePayload>
0364	</BatchItem>
0365	</ResponseMessage>
	# TIME 9
0366	<RequestMessage>
0367	<RequestHeader>
0368	<ProtocolVersion>
0369	<ProtocolVersionMajor type="Integer" value="1"/>
0370	<ProtocolVersionMinor type="Integer" value="0"/>
0371	</ProtocolVersion>

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0373	</RequestHeader>
0374	<BatchItem>
0375	<Operation type="Enumeration" value="GetAttributes"/>
0376	<RequestPayload>
0377	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0378	<AttributeName type="TextString" value="State"/>
0379	</RequestPayload>
0380	</BatchItem>
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0382	<ResponseMessage>
0383	<ResponseHeader>
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0389	<BatchCount type="Integer" value="1"/>
0390	</ResponseHeader>
0391	<BatchItem>
0392	<Operation type="Enumeration" value="GetAttributes"/>
0393	<ResultStatus type="Enumeration" value="Success"/>
0394	<ResponsePayload>
0395	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0396	<Attribute>
0397	<AttributeName type="TextString" value="State"/>
0398	<AttributeValue type="Enumeration" value="Compromised"/>
0399	</Attribute>
0400	</ResponsePayload>
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0402	</ResponseMessage>
	# TIME 10
0403	<RequestMessage>
0404	<RequestHeader>
0405	<ProtocolVersion>
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0407	<ProtocolVersionMinor type="Integer" value="0"/>
0408	</ProtocolVersion>
0409	<BatchCount type="Integer" value="2"/>
0410	</RequestHeader>
0411	<BatchItem>
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0413	<UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0414	<RequestPayload>
0415	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0416	<Attribute>
0417	<AttributeName type="TextString" value="x-attribute1"/>
0418	<AttributeValue type="TextString" value="Value1"/>
0419	</Attribute>
0420	</RequestPayload>
0421	</BatchItem>
0422	<BatchItem>
0423	<Operation type="Enumeration" value="AddAttribute"/>
0424	<UniqueBatchItemID type="ByteString" value="9b898dc0577f8080"/>
0425	<RequestPayload>

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	value="\$UNIQUE_IDENTIFIER_0"/>
0427	<Attribute>
0428	<AttributeName type="TextString" value="x-attribute2"/>
0429	<AttributeValue type="TextString" value="Value2"/>
0430	</Attribute>
0431	</RequestPayload>
0432	</BatchItem>
0433	</RequestMessage>
0434	<ResponseMessage>
0435	<ResponseHeader>
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0437	<ProtocolVersionMajor type="Integer" value="1"/>
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0440	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0441	<BatchCount type="Integer" value="2"/>
0442	</ResponseHeader>
0443	<BatchItem>
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0446	<ResultStatus type="Enumeration" value="Success"/>
0447	<ResponsePayload>
0448	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0449	<Attribute>
0450	<AttributeName type="TextString" value="x-attribute1"/>
0451	<AttributeValue type="TextString" value="Value1"/>
0452	</Attribute>
0453	</ResponsePayload>
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0458	<ResultStatus type="Enumeration" value="Success"/>
0459	<ResponsePayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0461	<Attribute>
0462	<AttributeName type="TextString" value="x-attribute2"/>
0463	<AttributeValue type="TextString" value="Value2"/>
0464	</Attribute>
0465	</ResponsePayload>
0466	</BatchItem>
0467	</ResponseMessage>
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0468	<RequestMessage>
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0473	</ProtocolVersion>
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0475	</RequestHeader>
0476	<BatchItem>
0477	<Operation type="Enumeration" value="ModifyAttribute"/>
0478	<UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>
0479	<RequestPayload>

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	value="\$UNIQUE_IDENTIFIER_0"/>
0481	<Attribute>
0482	<AttributeName type="TextString" value="x-attribute1"/>
0483	<AttributeValue type="TextString" value="ModifiedValue1"/>
0484	</Attribute>
0485	</RequestPayload>
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0491	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0492	<Attribute>
0493	<AttributeName type="TextString" value="x-attribute2"/>
0494	<AttributeValue type="TextString" value="ModifiedValue2"/>
0495	</Attribute>
0496	</RequestPayload>
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0498	</RequestMessage>
0499	<ResponseMessage>
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0503	<ProtocolVersionMinor type="Integer" value="0"/>
0504	</ProtocolVersion>
0505	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0506	<BatchCount type="Integer" value="2"/>
0507	</ResponseHeader>
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0510	<UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>
0511	<ResultStatus type="Enumeration" value="Success"/>
0512	<ResponsePayload>
0513	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0514	<Attribute>
0515	<AttributeName type="TextString" value="x-attribute1"/>
0516	<AttributeValue type="TextString" value="ModifiedValue1"/>
0517	</Attribute>
0518	</ResponsePayload>
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0520	<BatchItem>
0521	<Operation type="Enumeration" value="ModifyAttribute"/>
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0523	<ResultStatus type="Enumeration" value="Success"/>
0524	<ResponsePayload>
0525	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0526	<Attribute>
0527	<AttributeName type="TextString" value="x-attribute2"/>
0528	<AttributeValue type="TextString" value="ModifiedValue2"/>
0529	</Attribute>
0530	</ResponsePayload>
0531	</BatchItem>
0532	</ResponseMessage>
	# TIME 12

0533	<RequestMessage>
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0536	<ProtocolVersionMajor type="Integer" value="1"/>
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0540	</RequestHeader>
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0543	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
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0545	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0546	<AttributeName type="TextString" value="x-attribute1"/>
0547	</RequestPayload>
0548	</BatchItem>
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0551	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0552	<RequestPayload>
0553	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0554	<AttributeName type="TextString" value="x-attribute2"/>
0555	</RequestPayload>
0556	</BatchItem>
0557	</RequestMessage>
0558	<ResponseMessage>
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0565	<BatchCount type="Integer" value="2"/>
0566	</ResponseHeader>
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0570	<ResultStatus type="Enumeration" value="Success"/>
0571	<ResponsePayload>
0572	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0573	<Attribute>
0574	<AttributeName type="TextString" value="x-attribute1"/>
0575	<AttributeValue type="TextString" value="ModifiedValue1"/>
0576	</Attribute>
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0581	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0582	<ResultStatus type="Enumeration" value="Success"/>
0583	<ResponsePayload>
0584	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0585	<Attribute>
0586	<AttributeName type="TextString" value="x-attribute2"/>

0587	<AttributeValue type="TextString" value="ModifiedValue2"/>
0588	</Attribute>
0589	</ResponsePayload>
0590	</BatchItem>
0591	</ResponseMessage>
0592	# TIME 13 <RequestMessage>
0593	<RequestHeader>
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0599	</RequestHeader>
0600	<BatchItem>
0601	<Operation type="Enumeration" value="Get"/>
0602	<RequestPayload>
0603	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0604	</RequestPayload>
0605	</BatchItem>
0606	</RequestMessage>
0607	<ResponseMessage>
0608	<ResponseHeader>
0609	<ProtocolVersion>
0610	<ProtocolVersionMajor type="Integer" value="1"/>
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0613	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0614	<BatchCount type="Integer" value="1"/>
0615	</ResponseHeader>
0616	<BatchItem>
0617	<Operation type="Enumeration" value="Get"/>
0618	<ResultStatus type="Enumeration" value="Success"/>
0619	<ResponsePayload>
0620	<ObjectType type="Enumeration" value="SymmetricKey"/>
0621	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0622	<SymmetricKey>
0623	<KeyBlock>
0624	<KeyFormatType type="Enumeration" value="Raw"/>
0625	<KeyValue>
0626	<KeyMaterial type="ByteString" value="13e1e3d7b4e630dc4582869ce7e8d27e1c5f31fdec2abee1"/>
0627	</KeyValue>
0628	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0629	<CryptographicLength type="Integer" value="192"/>
0630	</KeyBlock>
0631	</SymmetricKey>
0632	</ResponsePayload>
0633	</BatchItem>
0634	</ResponseMessage>
0635	# TIME 14 <RequestMessage>
0636	<RequestHeader>
0637	<ProtocolVersion>
0638	<ProtocolVersionMajor type="Integer" value="1"/>
0639	<ProtocolVersionMinor type="Integer" value="0"/>

0640	</ProtocolVersion>
0641	<BatchCount type="Integer" value="1"/>
0642	</RequestHeader>
0643	<BatchItem>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0662	<ResponsePayload>
0663	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0664	</ResponsePayload>
0665	</BatchItem>
0666	</ResponseMessage>

192

193 **3.1.113.3.3 SKFF-M-11-10**

194 Create, GetAttributes, Activate, GetAttributes, Locate, Get, Revoke, GetAttributes, GetAttributeList,
195 GetAttributes, AddAttribute, AddAttribute, ModifyAttribute, DeleteAttribute, Get, Destroy AES-256

	# TIME 0
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0008	</RequestHeader>
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0011	<RequestPayload>
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0013	<TemplateAttribute>
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0015	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0016	<AttributeValue type="Enumeration" value="AES"/>
0017	</Attribute>
0018	<Attribute>
0019	<AttributeName type="TextString" value="Cryptographic
	Length"/>

0020	<AttributeValue type="Integer" value="256"/>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Name"/>
0024	<AttributeValue>
0025	<NameValue type="TextString" value="SKFF-M-11-10"/>
0026	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0027	</AttributeValue>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic
	Usage Mask"/>
0031	<AttributeValue type="Integer" value="Encrypt"/>
0032	</Attribute>
0033	</TemplateAttribute>
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0086	<AttributeName type="TextString" value="State"/>
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0155	<AttributeName type="TextString" value="State"/>
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0174	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0175	</Attribute>
0176	<Attribute>
0177	<AttributeName type="TextString" value="Name"/>
0178	<AttributeValue>
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0180	<NameType type="Enumeration"

0181	value="UninterpretedTextString"/>
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0200	value="\$UNIQUE_IDENTIFIER_0"/>
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0226	</ResponseHeader>
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0232	<UniqueIdentifier type="TextString"
0233	value="\$UNIQUE_IDENTIFIER_0"/>
0233	<SymmetricKey>

0234	<KeyBlock>
0235	<KeyFormatType type="Enumeration" value="Raw"/>
0236	<KeyValue>
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	value="1de10496b0ef4dfa22ed858439c6b57880da74ad7a9eb476bac300a12dd187a2"/>
0238	</KeyValue>
0239	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0240	<CryptographicLength type="Integer" value="256"/>
0241	</KeyBlock>
0242	</SymmetricKey>
0243	</ResponsePayload>
0244	</BatchItem>
0245	</ResponseMessage>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0258	<RevocationReason>
0259	<RevocationReasonCode type="Enumeration"
	value="KeyCompromise"/>
0260	</RevocationReason>
0261	<CompromiseOccurrenceDate type="DateTime" value="1970-01-
	01T00:00:06+00:00"/>
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0263	</BatchItem>
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0275	<Operation type="Enumeration" value="Revoke"/>
0276	<ResultStatus type="Enumeration" value="Success"/>
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0279	</ResponsePayload>
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0298	<ResponseMessage>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0312	<Attribute>
0313	<AttributeName type="TextString" value="State"/>
0314	<AttributeValue type="Enumeration" value="Compromised"/>
0315	</Attribute>
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0318	</ResponseMessage>
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0320	<RequestMessage>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0349	<AttributeName type="TextString" value="Object Type"/>
0350	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0351	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0352	<AttributeName type="TextString" value="Activation Date"/>
0353	<AttributeName type="TextString" value="Compromise Date"/>
0354	<AttributeName type="TextString" value="Compromise Occurrence
	Date"/>
0355	<AttributeName type="TextString" value="Cryptographic Usage
	Mask"/>
0356	<AttributeName type="TextString" value="Digest"/>
0357	<AttributeName type="TextString" value="Initial Date"/>
0358	<AttributeName type="TextString" value="Last Change Date"/>
0359	<AttributeName type="TextString" value="Lease Time"/>
0360	<AttributeName type="TextString" value="Name"/>
0361	<AttributeName type="TextString" value="Revocation Reason"/>
0362	<AttributeName type="TextString" value="State"/>
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0364	</BatchItem>
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	# TIME 9
0366	<RequestMessage>
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0389	<BatchCount type="Integer" value="1"/>
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0396	<Attribute>
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0463	<AttributeValue type="TextString" value="Value2"/>
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# TIME 12	
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0664	</ResponsePayload>
0665	</BatchItem>
0666	</ResponseMessage>

196

197 **3.1.123.3.4 SKFF-M-12-10**

198 Create, GetAttributes, Activate, GetAttributes, Locate, Get, Revoke, GetAttributes, GetAttributeList,
199 GetAttributes, AddAttribute, AddAttribute, ModifyAttribute, DeleteAttribute, Get, Destroy 3DES-168

	# TIME 0
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	Algorithm"/>
0016	<AttributeValue type="Enumeration" value="DES3"/>
0017	</Attribute>
0018	<Attribute>
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	Length"/>
0020	<AttributeValue type="Integer" value="168"/>
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0023	<AttributeName type="TextString" value="Name"/>
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0025	<NameValue type="TextString" value="SKFF-M-12-10"/>
0026	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
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0028	</Attribute>
0029	<Attribute>
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	Usage Mask"/>
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	<AttributeValue type="Enumeration" value="PreActive"/>
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0176	<Attribute>
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0178	<AttributeValue>
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0180	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
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0238	</KeyValue>
0239	<CryptographicAlgorithm type="Enumeration" value="DES3"/>
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0283	<RequestMessage>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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	value="\$UNIQUE IDENTIFIER 0"/>
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0349	<AttributeName type="TextString" value="Object Type"/>
0350	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0351	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0352	<AttributeName type="TextString" value="Activation Date"/>

0353	<AttributeName type="TextString" value="Compromise Date"/>
0354	<AttributeName type="TextString" value="Compromise Occurrence
0355	Date"/>
0356	<AttributeName type="TextString" value="Cryptographic Usage
0357	Mask"/>
0358	<AttributeName type="TextString" value="Digest"/>
0359	<AttributeName type="TextString" value="Initial Date"/>
0360	<AttributeName type="TextString" value="Last Change Date"/>
0361	<AttributeName type="TextString" value="Lease Time"/>
0362	<AttributeName type="TextString" value="Name"/>
0363	<AttributeName type="TextString" value="Revocation Reason"/>
0364	<AttributeName type="TextString" value="State"/>
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	</ResponseMessage>
0366	# TIME 9
0367	<RequestMessage>
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0418	<AttributeValue type="TextString" value="Value1"/>
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0451	<AttributeValue type="TextString" value="Value1"/>
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0459	<ResponsePayload>

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0480	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0481	<Attribute>
0482	<AttributeName type="TextString" value="x-attribute1"/>
0483	<AttributeValue type="TextString" value="ModifiedValue1"/>
0484	</Attribute>
0485	</RequestPayload>
0486	</BatchItem>
0487	<BatchItem>
0488	<Operation type="Enumeration" value="ModifyAttribute"/>
0489	<UniqueBatchItemID type="ByteString" value="33f55c8d7e6cafbf"/>
0490	<RequestPayload>
0491	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0492	<Attribute>
0493	<AttributeName type="TextString" value="x-attribute2"/>
0494	<AttributeValue type="TextString" value="ModifiedValue2"/>
0495	</Attribute>
0496	</RequestPayload>
0497	</BatchItem>
0498	</RequestMessage>
0499	<ResponseMessage>
0500	<ResponseHeader>
0501	<ProtocolVersion>
0502	<ProtocolVersionMajor type="Integer" value="1"/>
0503	<ProtocolVersionMinor type="Integer" value="0"/>
0504	</ProtocolVersion>
0505	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0506	<BatchCount type="Integer" value="2"/>
0507	</ResponseHeader>
0508	<BatchItem>
0509	<Operation type="Enumeration" value="ModifyAttribute"/>
0510	<UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>
0511	<ResultStatus type="Enumeration" value="Success"/>
0512	<ResponsePayload>
0513	<UniqueIdentifier type="TextString"

0514	value="\$UNIQUE_IDENTIFIER_0"/>
0515	<Attribute>
0516	<AttributeName type="TextString" value="x-attribute1"/>
0517	<AttributeValue type="TextString" value="ModifiedValue1"/>
0518	</Attribute>
0519	</ResponsePayload>
0520	</BatchItem>
0521	<Operation type="Enumeration" value="ModifyAttribute"/>
0522	<UniqueBatchItemID type="ByteString" value="33f55c8d7e6cafbf"/>
0523	<ResultStatus type="Enumeration" value="Success"/>
0524	<ResponsePayload>
0525	<UniqueIdentifier type="TextString"
0526	value="\$UNIQUE_IDENTIFIER_0"/>
0527	<Attribute>
0528	<AttributeName type="TextString" value="x-attribute2"/>
0529	<AttributeValue type="TextString" value="ModifiedValue2"/>
0530	</Attribute>
0531	</ResponsePayload>
0532	</BatchItem>
0533	</ResponseMessage>
0534	# TIME 12
0535	<RequestMessage>
0536	<RequestHeader>
0537	<ProtocolVersion>
0538	<ProtocolVersionMajor type="Integer" value="1"/>
0539	<ProtocolVersionMinor type="Integer" value="0"/>
0540	</ProtocolVersion>
0541	<BatchCount type="Integer" value="2"/>
0542	</RequestHeader>
0543	<BatchItem>
0544	<Operation type="Enumeration" value="DeleteAttribute"/>
0545	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0546	<RequestPayload>
0547	<UniqueIdentifier type="TextString"
0548	value="\$UNIQUE_IDENTIFIER_0"/>
0549	<AttributeName type="TextString" value="x-attribute1"/>
0550	</RequestPayload>
0551	</BatchItem>
0552	<BatchItem>
0553	<Operation type="Enumeration" value="DeleteAttribute"/>
0554	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0555	<RequestPayload>
0556	<UniqueIdentifier type="TextString"
0557	value="\$UNIQUE_IDENTIFIER_0"/>
0558	<AttributeName type="TextString" value="x-attribute2"/>
0559	</RequestPayload>
0560	</BatchItem>
0561	</RequestMessage>
0562	<ResponseMessage>
0563	<ResponseHeader>
0564	<ProtocolVersion>
0565	<ProtocolVersionMajor type="Integer" value="1"/>
0566	<ProtocolVersionMinor type="Integer" value="0"/>
	</ProtocolVersion>
	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
	<BatchCount type="Integer" value="2"/>
	</ResponseHeader>

0567	<BatchItem>
0568	<Operation type="Enumeration" value="DeleteAttribute"/>
0569	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0570	<ResultStatus type="Enumeration" value="Success"/>
0571	<ResponsePayload>
0572	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0573	<Attribute>
0574	<AttributeName type="TextString" value="x-attribute1"/>
0575	<AttributeValue type="TextString" value="ModifiedValue1"/>
0576	</Attribute>
0577	</ResponsePayload>
0578	</BatchItem>
0579	<BatchItem>
0580	<Operation type="Enumeration" value="DeleteAttribute"/>
0581	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0582	<ResultStatus type="Enumeration" value="Success"/>
0583	<ResponsePayload>
0584	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0585	<Attribute>
0586	<AttributeName type="TextString" value="x-attribute2"/>
0587	<AttributeValue type="TextString" value="ModifiedValue2"/>
0588	</Attribute>
0589	</ResponsePayload>
0590	</BatchItem>
0591	</ResponseMessage>
	# TIME 13
0592	<RequestMessage>
0593	<RequestHeader>
0594	<ProtocolVersion>
0595	<ProtocolVersionMajor type="Integer" value="1"/>
0596	<ProtocolVersionMinor type="Integer" value="0"/>
0597	</ProtocolVersion>
0598	<BatchCount type="Integer" value="1"/>
0599	</RequestHeader>
0600	<BatchItem>
0601	<Operation type="Enumeration" value="Get"/>
0602	<RequestPayload>
0603	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0604	</RequestPayload>
0605	</BatchItem>
0606	</RequestMessage>
0607	<ResponseMessage>
0608	<ResponseHeader>
0609	<ProtocolVersion>
0610	<ProtocolVersionMajor type="Integer" value="1"/>
0611	<ProtocolVersionMinor type="Integer" value="0"/>
0612	</ProtocolVersion>
0613	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0614	<BatchCount type="Integer" value="1"/>
0615	</ResponseHeader>
0616	<BatchItem>
0617	<Operation type="Enumeration" value="Get"/>
0618	<ResultStatus type="Enumeration" value="Success"/>
0619	<ResponsePayload>
0620	<ObjectType type="Enumeration" value="SymmetricKey"/>

0621	<UniqueIdentifier type="TextString"
0622	value="\$UNIQUE_IDENTIFIER_0"/>
0623	<SymmetricKey>
0624	<KeyBlock>
0625	<KeyFormatType type="Enumeration" value="Raw"/>
0626	<KeyValue>
0627	<KeyMaterial type="ByteString"
0628	value="ea9dc7c4e5d92a3b5bbf0b1c8c136e20eca137a88afb9745"/>
0629	</KeyValue>
0630	<CryptographicAlgorithm type="Enumeration" value="DES3"/>
0631	<CryptographicLength type="Integer" value="168"/>
0632	</KeyBlock>
0633	</SymmetricKey>
0634	</ResponsePayload>
0635	</BatchItem>
0636	</ResponseMessage>
0637	# TIME 14
0638	<RequestMessage>
0639	<RequestHeader>
0640	<ProtocolVersion>
0641	<ProtocolVersionMajor type="Integer" value="1"/>
0642	<ProtocolVersionMinor type="Integer" value="0"/>
0643	</ProtocolVersion>
0644	<BatchCount type="Integer" value="1"/>
0645	</RequestHeader>
0646	<BatchItem>
0647	<Operation type="Enumeration" value="Destroy"/>
0648	<RequestPayload>
0649	<UniqueIdentifier type="TextString"
0650	value="\$UNIQUE_IDENTIFIER_0"/>
0651	</RequestPayload>
0652	</BatchItem>
0653	</RequestMessage>
0654	<ResponseMessage>
0655	<ResponseHeader>
0656	<ProtocolVersion>
0657	<ProtocolVersionMajor type="Integer" value="1"/>
0658	<ProtocolVersionMinor type="Integer" value="0"/>
0659	</ProtocolVersion>
0660	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0661	<BatchCount type="Integer" value="1"/>
0662	</ResponseHeader>
0663	<BatchItem>
0664	<Operation type="Enumeration" value="Destroy"/>
0665	<ResultStatus type="Enumeration" value="Success"/>
0666	<ResponsePayload>
0667	<UniqueIdentifier type="TextString"
0668	value="\$UNIQUE_IDENTIFIER_0"/>
0669	</ResponsePayload>
0670	</BatchItem>
0671	</ResponseMessage>

200

201 3.23.4 Mandatory Test Cases KMIP v1.1-4 - Basic

202 This section documents the test cases that a client or server conformant to the Symmetric Key Foundry
203 (FIPS140) Profile SHALL support under KMIP Specification 1.1.

204
205

3.2.13.4.1 SKFF-M-1-11

Create, Destroy AES-128

	<pre># TIME 0 0001 <RequestMessage> 0002 <RequestHeader> 0003 <ProtocolVersion> 0004 <ProtocolVersionMajor type="Integer" value="1"/> 0005 <ProtocolVersionMinor type="Integer" value="1"/> 0006 </ProtocolVersion> 0007 <BatchCount type="Integer" value="1"/> 0008 </RequestHeader> 0009 <BatchItem> 0010 <Operation type="Enumeration" value="Create"/> 0011 <RequestPayload> 0012 <ObjectType type="Enumeration" value="SymmetricKey"/> 0013 <TemplateAttribute> 0014 <Attribute> 0015 <AttributeName type="TextString" value="Cryptographic Algorithm"/> 0016 <AttributeValue type="Enumeration" value="AES"/> 0017 </Attribute> 0018 <Attribute> 0019 <AttributeName type="TextString" value="Cryptographic Length"/> 0020 <AttributeValue type="Integer" value="128"/> 0021 </Attribute> 0022 <Attribute> 0023 <AttributeName type="TextString" value="Cryptographic Usage Mask"/> 0024 <AttributeValue type="Integer" value="Decrypt Encrypt"/> 0025 </Attribute> 0026 </TemplateAttribute> 0027 </RequestPayload> 0028 </BatchItem> 0029 </RequestMessage></pre>
	<pre><ResponseMessage> 0031 <ResponseHeader> 0032 <ProtocolVersion> 0033 <ProtocolVersionMajor type="Integer" value="1"/> 0034 <ProtocolVersionMinor type="Integer" value="1"/> 0035 </ProtocolVersion> 0036 <TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/> 0037 <BatchCount type="Integer" value="1"/> 0038 </ResponseHeader> 0039 <BatchItem> 0040 <Operation type="Enumeration" value="Create"/> 0041 <ResultStatus type="Enumeration" value="Success"/> 0042 <ResponsePayload> 0043 <ObjectType type="Enumeration" value="SymmetricKey"/> 0044 <UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/> 0045 </ResponsePayload> 0046 </BatchItem> 0047 </ResponseMessage></pre>
	<pre># TIME 1 0048 <RequestMessage> 0049 <RequestHeader></pre>

0050	<ProtocolVersion>
0051	<ProtocolVersionMajor type="Integer" value="1"/>
0052	<ProtocolVersionMinor type="Integer" value="1"/>
0053	</ProtocolVersion>
0054	<BatchCount type="Integer" value="1"/>
0055	</RequestHeader>
0056	<BatchItem>
0057	<Operation type="Enumeration" value="Destroy"/>
0058	<RequestPayload>
0059	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0060	</RequestPayload>
0061	</BatchItem>
0062	</RequestMessage>
0063	<ResponseMessage>
0064	<ResponseHeader>
0065	<ProtocolVersion>
0066	<ProtocolVersionMajor type="Integer" value="1"/>
0067	<ProtocolVersionMinor type="Integer" value="1"/>
0068	</ProtocolVersion>
0069	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0070	<BatchCount type="Integer" value="1"/>
0071	</ResponseHeader>
0072	<BatchItem>
0073	<Operation type="Enumeration" value="Destroy"/>
0074	<ResultStatus type="Enumeration" value="Success"/>
0075	<ResponsePayload>
0076	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0077	</ResponsePayload>
0078	</BatchItem>
0079	</ResponseMessage>

206

207 **3.2.23.4.2 SKFF-M-2-11**

208 Create, Destroy AES-192

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="1"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0016	<AttributeValue type="Enumeration" value="AES"/>
0017	</Attribute>
0018	</Attribute>

0019	<AttributeName type="TextString" value="Cryptographic Length"/>
0020	<AttributeValue type="Integer" value="192"/>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Cryptographic Usage Mask"/>
0024	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0025	</Attribute>
0026	</TemplateAttribute>
0027	</RequestPayload>
0028	</BatchItem>
0029	</RequestMessage>
0030	<ResponseMessage>
0031	<ResponseHeader>
0032	<ProtocolVersion>
0033	<ProtocolVersionMajor type="Integer" value="1"/>
0034	<ProtocolVersionMinor type="Integer" value="1"/>
0035	</ProtocolVersion>
0036	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0037	<BatchCount type="Integer" value="1"/>
0038	</ResponseHeader>
0039	<BatchItem>
0040	<Operation type="Enumeration" value="Create"/>
0041	<ResultStatus type="Enumeration" value="Success"/>
0042	<ResponsePayload>
0043	<ObjectType type="Enumeration" value="SymmetricKey"/>
0044	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0045	</ResponsePayload>
0046	</BatchItem>
0047	</ResponseMessage>
0048	# TIME 1 <RequestMessage>
0049	<RequestHeader>
0050	<ProtocolVersion>
0051	<ProtocolVersionMajor type="Integer" value="1"/>
0052	<ProtocolVersionMinor type="Integer" value="1"/>
0053	</ProtocolVersion>
0054	<BatchCount type="Integer" value="1"/>
0055	</RequestHeader>
0056	<BatchItem>
0057	<Operation type="Enumeration" value="Destroy"/>
0058	<RequestPayload>
0059	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0060	</RequestPayload>
0061	</BatchItem>
0062	</RequestMessage>
0063	<ResponseMessage>
0064	<ResponseHeader>
0065	<ProtocolVersion>
0066	<ProtocolVersionMajor type="Integer" value="1"/>
0067	<ProtocolVersionMinor type="Integer" value="1"/>
0068	</ProtocolVersion>
0069	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0070	<BatchCount type="Integer" value="1"/>
0071	</ResponseHeader>

0072	<BatchItem>
0073	<Operation type="Enumeration" value="Destroy"/>
0074	<ResultStatus type="Enumeration" value="Success"/>
0075	<ResponsePayload>
0076	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0077	</ResponsePayload>
0078	</BatchItem>
0079	</ResponseMessage>

209

210 **3.2.33.4.3 SKFF-M-3-11**

211 Create, Destroy AES-256

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="1"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0016	<AttributeValue type="Enumeration" value="AES"/>
0017	</Attribute>
0018	<Attribute>
0019	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0020	<AttributeValue type="Integer" value="256"/>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Cryptographic
	Usage Mask"/>
0024	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0025	</Attribute>
0026	</TemplateAttribute>
0027	</RequestPayload>
0028	</BatchItem>
0029	</RequestMessage>
0030	<ResponseMessage>
0031	<ResponseHeader>
0032	<ProtocolVersion>
0033	<ProtocolVersionMajor type="Integer" value="1"/>
0034	<ProtocolVersionMinor type="Integer" value="1"/>
0035	</ProtocolVersion>
0036	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0037	<BatchCount type="Integer" value="1"/>
0038	</ResponseHeader>
0039	<BatchItem>

0040	<Operation type="Enumeration" value="Create"/>
0041	<ResultStatus type="Enumeration" value="Success"/>
0042	<ResponsePayload>
0043	<ObjectType type="Enumeration" value="SymmetricKey"/>
0044	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0045	</ResponsePayload>
0046	</BatchItem>
0047	</ResponseMessage>
0048	# TIME 1
0048	<RequestMessage>
0049	<RequestHeader>
0050	<ProtocolVersion>
0051	<ProtocolVersionMajor type="Integer" value="1"/>
0052	<ProtocolVersionMinor type="Integer" value="1"/>
0053	</ProtocolVersion>
0054	<BatchCount type="Integer" value="1"/>
0055	</RequestHeader>
0056	<BatchItem>
0057	<Operation type="Enumeration" value="Destroy"/>
0058	<RequestPayload>
0059	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0060	</RequestPayload>
0061	</BatchItem>
0062	</RequestMessage>
0063	<ResponseMessage>
0064	<ResponseHeader>
0065	<ProtocolVersion>
0066	<ProtocolVersionMajor type="Integer" value="1"/>
0067	<ProtocolVersionMinor type="Integer" value="1"/>
0068	</ProtocolVersion>
0069	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0070	<BatchCount type="Integer" value="1"/>
0071	</ResponseHeader>
0072	<BatchItem>
0073	<Operation type="Enumeration" value="Destroy"/>
0074	<ResultStatus type="Enumeration" value="Success"/>
0075	<ResponsePayload>
0076	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0077	</ResponsePayload>
0078	</BatchItem>
0079	</ResponseMessage>

212

213 **3.2.43.4.4 SKFF-M-4-11**

214 Create, Destroy DES3-168

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="1"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>

0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
0016	Algorithm"/>
0017	<AttributeValue type="Enumeration" value="DES3"/>
0018	</Attribute>
0019	<Attribute>
0020	<AttributeName type="TextString" value="Cryptographic
0021	Length"/>
0022	<AttributeValue type="Integer" value="168"/>
0023	</Attribute>
0024	<Attribute>
0025	<AttributeName type="TextString" value="Cryptographic
0026	Usage Mask"/>
0027	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0028	</Attribute>
0029	</TemplateAttribute>
0030	</RequestPayload>
0031	</BatchItem>
0032	</RequestMessage>
0033	<ResponseMessage>
0034	<ResponseHeader>
0035	<ProtocolVersion>
0036	<ProtocolVersionMajor type="Integer" value="1"/>
0037	<ProtocolVersionMinor type="Integer" value="1"/>
0038	</ProtocolVersion>
0039	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0040	<BatchCount type="Integer" value="1"/>
0041	</ResponseHeader>
0042	<BatchItem>
0043	<Operation type="Enumeration" value="Create"/>
0044	<ResultStatus type="Enumeration" value="Success"/>
0045	<ResponsePayload>
0046	<ObjectType type="Enumeration" value="SymmetricKey"/>
0047	<UniqueIdentifier type="TextString"
0048	value="\$UNIQUE_IDENTIFIER_0"/>
0049	</ResponsePayload>
0050	</BatchItem>
0051	</ResponseMessage>
0052	# TIME 1
0053	<RequestMessage>
0054	<RequestHeader>
0055	<ProtocolVersion>
0056	<ProtocolVersionMajor type="Integer" value="1"/>
0057	<ProtocolVersionMinor type="Integer" value="1"/>
0058	</ProtocolVersion>
0059	<BatchCount type="Integer" value="1"/>
0060	</RequestHeader>
0061	<BatchItem>
0062	<Operation type="Enumeration" value="Destroy"/>
0063	<RequestPayload>
0064	<UniqueIdentifier type="TextString"
0065	value="\$UNIQUE_IDENTIFIER_0"/>

0060	</RequestPayload>
0061	</BatchItem>
0062	</RequestMessage>
0063	<ResponseMessage>
0064	<ResponseHeader>
0065	<ProtocolVersion>
0066	<ProtocolVersionMajor type="Integer" value="1"/>
0067	<ProtocolVersionMinor type="Integer" value="1"/>
0068	</ProtocolVersion>
0069	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0070	<BatchCount type="Integer" value="1"/>
0071	</ResponseHeader>
0072	<BatchItem>
0073	<Operation type="Enumeration" value="Destroy"/>
0074	<ResultStatus type="Enumeration" value="Success"/>
0075	<ResponsePayload>
0076	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0077	</ResponsePayload>
0078	</BatchItem>
0079	</ResponseMessage>

215 3.5 Mandatory Test Cases KMIP v1.1 - Intermediate

216 3.2.53.5.1 SKFF-M-5-11

217 Create, Locate, Get, Destroy, Locate AES-128

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="1"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-M-5-11"/>
0018	<NameType type="Enumeration" value="UninterpretedTextString"/>
0019	</AttributeValue>
0020	</Attribute>
0021	<Attribute>
0022	<AttributeName type="TextString" value="Cryptographic Algorithm"/>
0023	<AttributeValue type="Enumeration" value="AES"/>
0024	</Attribute>
0025	<Attribute>
0026	<AttributeName type="TextString" value="Cryptographic Length"/>

0027	<AttributeValue type="Integer" value="128"/>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic Usage Mask"/>
0031	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0032	</Attribute>
0033	<Attribute>
0034	<AttributeName type="TextString" value="Contact Information"/>
0035	<AttributeValue type="TextString" value="Joe"/>
0036	</Attribute>
0037	</TemplateAttribute>
0038	</RequestPayload>
0039	</BatchItem>
0040	</RequestMessage>
0041	<ResponseMessage>
0042	<ResponseHeader>
0043	<ProtocolVersion>
0044	<ProtocolVersionMajor type="Integer" value="1"/>
0045	<ProtocolVersionMinor type="Integer" value="1"/>
0046	</ProtocolVersion>
0047	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0048	<BatchCount type="Integer" value="1"/>
0049	</ResponseHeader>
0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0056	</ResponsePayload>
0057	</BatchItem>
0058	</ResponseMessage>
0059	# TIME 1 <RequestMessage>
0060	<RequestHeader>
0061	<ProtocolVersion>
0062	<ProtocolVersionMajor type="Integer" value="1"/>
0063	<ProtocolVersionMinor type="Integer" value="1"/>
0064	</ProtocolVersion>
0065	<BatchCount type="Integer" value="1"/>
0066	</RequestHeader>
0067	<BatchItem>
0068	<Operation type="Enumeration" value="Locate"/>
0069	<RequestPayload>
0070	<Attribute>
0071	<AttributeName type="TextString" value="Object Type"/>
0072	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0073	</Attribute>
0074	<Attribute>
0075	<AttributeName type="TextString" value="Name"/>
0076	<AttributeValue>
0077	<NameValue type="TextString" value="SKFF-M-5-11"/>
0078	<NameType type="Enumeration" value="UninterpretedTextString"/>
0079	</AttributeValue>

0080	</Attribute>
0081	</RequestPayload>
0082	</BatchItem>
0083	</RequestMessage>
0084	<ResponseMessage>
0085	<ResponseHeader>
0086	<ProtocolVersion>
0087	<ProtocolVersionMajor type="Integer" value="1"/>
0088	<ProtocolVersionMinor type="Integer" value="1"/>
0089	</ProtocolVersion>
0090	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0091	<BatchCount type="Integer" value="1"/>
0092	</ResponseHeader>
0093	<BatchItem>
0094	<Operation type="Enumeration" value="Locate"/>
0095	<ResultStatus type="Enumeration" value="Success"/>
0096	<ResponsePayload>
0097	<UniqueIdentifier type="TextString"
0098	value="\$UNIQUE_IDENTIFIER_0"/>
0099	</ResponsePayload>
0100	</BatchItem>
0100	</ResponseMessage>
0101	# TIME 2
0101	<RequestMessage>
0102	<RequestHeader>
0103	<ProtocolVersion>
0104	<ProtocolVersionMajor type="Integer" value="1"/>
0105	<ProtocolVersionMinor type="Integer" value="1"/>
0106	</ProtocolVersion>
0107	<BatchCount type="Integer" value="1"/>
0108	</RequestHeader>
0109	<BatchItem>
0110	<Operation type="Enumeration" value="Get"/>
0111	<RequestPayload>
0112	<UniqueIdentifier type="TextString"
0113	value="\$UNIQUE_IDENTIFIER_0"/>
0114	</RequestPayload>
0115	</BatchItem>
0115	</RequestMessage>
0116	<ResponseMessage>
0117	<ResponseHeader>
0118	<ProtocolVersion>
0119	<ProtocolVersionMajor type="Integer" value="1"/>
0120	<ProtocolVersionMinor type="Integer" value="1"/>
0121	</ProtocolVersion>
0122	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0123	<BatchCount type="Integer" value="1"/>
0124	</ResponseHeader>
0125	<BatchItem>
0126	<Operation type="Enumeration" value="Get"/>
0127	<ResultStatus type="Enumeration" value="Success"/>
0128	<ResponsePayload>
0129	<ObjectType type="Enumeration" value="SymmetricKey"/>
0130	<UniqueIdentifier type="TextString"
0131	value="\$UNIQUE_IDENTIFIER_0"/>
0132	<SymmetricKey>
0133	<KeyBlock>
0133	<KeyFormatType type="Enumeration" value="Raw"/>

0134	<KeyValue>
0135	<KeyMaterial type="ByteString" value="ff52f70583d7321722c6d4e5e4605071"/>
0136	</KeyValue>
0137	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0138	<CryptographicLength type="Integer" value="128"/>
0139	</KeyBlock>
0140	</SymmetricKey>
0141	</ResponsePayload>
0142	</BatchItem>
0143	</ResponseMessage>
# TIME 3	
0144	<RequestMessage>
0145	<RequestHeader>
0146	<ProtocolVersion>
0147	<ProtocolVersionMajor type="Integer" value="1"/>
0148	<ProtocolVersionMinor type="Integer" value="1"/>
0149	</ProtocolVersion>
0150	<BatchCount type="Integer" value="1"/>
0151	</RequestHeader>
0152	<BatchItem>
0153	<Operation type="Enumeration" value="Destroy"/>
0154	<RequestPayload>
0155	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0156	</RequestPayload>
0157	</BatchItem>
0158	</RequestMessage>
0159	<ResponseMessage>
0160	<ResponseHeader>
0161	<ProtocolVersion>
0162	<ProtocolVersionMajor type="Integer" value="1"/>
0163	<ProtocolVersionMinor type="Integer" value="1"/>
0164	</ProtocolVersion>
0165	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0166	<BatchCount type="Integer" value="1"/>
0167	</ResponseHeader>
0168	<BatchItem>
0169	<Operation type="Enumeration" value="Destroy"/>
0170	<ResultStatus type="Enumeration" value="Success"/>
0171	<ResponsePayload>
0172	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0173	</ResponsePayload>
0174	</BatchItem>
0175	</ResponseMessage>
# TIME 4	
0176	<RequestMessage>
0177	<RequestHeader>
0178	<ProtocolVersion>
0179	<ProtocolVersionMajor type="Integer" value="1"/>
0180	<ProtocolVersionMinor type="Integer" value="1"/>
0181	</ProtocolVersion>
0182	<BatchCount type="Integer" value="1"/>
0183	</RequestHeader>
0184	<BatchItem>
0185	<Operation type="Enumeration" value="Locate"/>
0186	<RequestPayload>

0187	<Attribute>
0188	<AttributeName type="TextString" value="Unique Identifier"/>
0189	<AttributeValue type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0190	</Attribute>
0191	</RequestPayload>
0192	</BatchItem>
0193	</RequestMessage>
0194	<ResponseMessage>
0195	<ResponseHeader>
0196	<ProtocolVersion>
0197	<ProtocolVersionMajor type="Integer" value="1"/>
0198	<ProtocolVersionMinor type="Integer" value="1"/>
0199	</ProtocolVersion>
0200	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0201	<BatchCount type="Integer" value="1"/>
0202	</ResponseHeader>
0203	<BatchItem>
0204	<Operation type="Enumeration" value="Locate"/>
0205	<ResultStatus type="Enumeration" value="Success"/>
0206	<ResponsePayload>
0207	</ResponsePayload>
0208	</BatchItem>
0209	</ResponseMessage>

218

219 **3.2.63.5.2 SKFF-M-6-11**

220 Create, Locate, Get, Destroy, Locate AES-192

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="1"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-M-6-11"/>
0018	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0019	</AttributeValue>
0020	</Attribute>
0021	<Attribute>
0022	<AttributeName type="TextString" value="Cryptographic"
	Algorithm"/>
0023	<AttributeValue type="Enumeration" value="AES"/>
0024	</Attribute>
0025	<Attribute>

0026	<AttributeName type="TextString" value="Cryptographic Length"/>
0027	<AttributeValue type="Integer" value="192"/>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic Usage Mask"/>
0031	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0032	</Attribute>
0033	<Attribute>
0034	<AttributeName type="TextString" value="Contact Information"/>
0035	<AttributeValue type="TextString" value="Joe"/>
0036	</Attribute>
0037	</TemplateAttribute>
0038	</RequestPayload>
0039	</BatchItem>
0040	</RequestMessage>
0041	<ResponseMessage>
0042	<ResponseHeader>
0043	<ProtocolVersion>
0044	<ProtocolVersionMajor type="Integer" value="1"/>
0045	<ProtocolVersionMinor type="Integer" value="1"/>
0046	</ProtocolVersion>
0047	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0048	<BatchCount type="Integer" value="1"/>
0049	</ResponseHeader>
0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString" value="\$UNIQUE IDENTIFIER 0"/>
0056	</ResponsePayload>
0057	</BatchItem>
0058	</ResponseMessage>
0059	# TIME 1 <RequestMessage>
0060	<RequestHeader>
0061	<ProtocolVersion>
0062	<ProtocolVersionMajor type="Integer" value="1"/>
0063	<ProtocolVersionMinor type="Integer" value="1"/>
0064	</ProtocolVersion>
0065	<BatchCount type="Integer" value="1"/>
0066	</RequestHeader>
0067	<BatchItem>
0068	<Operation type="Enumeration" value="Locate"/>
0069	<RequestPayload>
0070	<Attribute>
0071	<AttributeName type="TextString" value="Object Type"/>
0072	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0073	</Attribute>
0074	<Attribute>
0075	<AttributeName type="TextString" value="Name"/>
0076	<AttributeValue>
0077	<NameValue type="TextString" value="SKFF-M-6-11"/>
0078	<NameType type="Enumeration"

0079	value="UninterpretedTextString"/>
0080	</AttributeValue>
0081	</Attribute>
0082	</RequestPayload>
0083	</BatchItem>
0084	</RequestMessage>
0084	<ResponseMessage>
0085	<ResponseHeader>
0086	<ProtocolVersion>
0087	<ProtocolVersionMajor type="Integer" value="1"/>
0088	<ProtocolVersionMinor type="Integer" value="1"/>
0089	</ProtocolVersion>
0090	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0091	<BatchCount type="Integer" value="1"/>
0092	</ResponseHeader>
0093	<BatchItem>
0094	<Operation type="Enumeration" value="Locate"/>
0095	<ResultStatus type="Enumeration" value="Success"/>
0096	<ResponsePayload>
0097	<UniqueIdentifier type="TextString"
0098	value="\$UNIQUE_IDENTIFIER_0"/>
0099	</ResponsePayload>
0100	</BatchItem>
0100	</ResponseMessage>
0101	# TIME 2
0101	<RequestMessage>
0102	<RequestHeader>
0103	<ProtocolVersion>
0104	<ProtocolVersionMajor type="Integer" value="1"/>
0105	<ProtocolVersionMinor type="Integer" value="1"/>
0106	</ProtocolVersion>
0107	<BatchCount type="Integer" value="1"/>
0108	</RequestHeader>
0109	<BatchItem>
0110	<Operation type="Enumeration" value="Get"/>
0111	<RequestPayload>
0112	<UniqueIdentifier type="TextString"
0113	value="\$UNIQUE_IDENTIFIER_0"/>
0114	</RequestPayload>
0115	</BatchItem>
0115	</RequestMessage>
0116	<ResponseMessage>
0117	<ResponseHeader>
0118	<ProtocolVersion>
0119	<ProtocolVersionMajor type="Integer" value="1"/>
0120	<ProtocolVersionMinor type="Integer" value="1"/>
0121	</ProtocolVersion>
0122	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0123	<BatchCount type="Integer" value="1"/>
0124	</ResponseHeader>
0125	<BatchItem>
0126	<Operation type="Enumeration" value="Get"/>
0127	<ResultStatus type="Enumeration" value="Success"/>
0128	<ResponsePayload>
0129	<ObjectType type="Enumeration" value="SymmetricKey"/>
0130	<UniqueIdentifier type="TextString"
0131	value="\$UNIQUE_IDENTIFIER_0"/>
0131	<SymmetricKey>

0132	<KeyBlock>
0133	<KeyFormatType type="Enumeration" value="Raw"/>
0134	<KeyValue>
0135	<KeyMaterial type="ByteString"
	value="ae2443611895beb460237aa0a86e1d097d77e33307a8aaff"/>
0136	</KeyValue>
0137	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0138	<CryptographicLength type="Integer" value="192"/>
0139	</KeyBlock>
0140	</SymmetricKey>
0141	</ResponsePayload>
0142	</BatchItem>
0143	</ResponseMessage>
	# TIME 3
0144	<RequestMessage>
0145	<RequestHeader>
0146	<ProtocolVersion>
0147	<ProtocolVersionMajor type="Integer" value="1"/>
0148	<ProtocolVersionMinor type="Integer" value="1"/>
0149	</ProtocolVersion>
0150	<BatchCount type="Integer" value="1"/>
0151	</RequestHeader>
0152	<BatchItem>
0153	<Operation type="Enumeration" value="Destroy"/>
0154	<RequestPayload>
0155	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0156	</RequestPayload>
0157	</BatchItem>
0158	</RequestMessage>
0159	<ResponseMessage>
0160	<ResponseHeader>
0161	<ProtocolVersion>
0162	<ProtocolVersionMajor type="Integer" value="1"/>
0163	<ProtocolVersionMinor type="Integer" value="1"/>
0164	</ProtocolVersion>
0165	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0166	<BatchCount type="Integer" value="1"/>
0167	</ResponseHeader>
0168	<BatchItem>
0169	<Operation type="Enumeration" value="Destroy"/>
0170	<ResultStatus type="Enumeration" value="Success"/>
0171	<ResponsePayload>
0172	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0173	</ResponsePayload>
0174	</BatchItem>
0175	</ResponseMessage>
	# TIME 4
0176	<RequestMessage>
0177	<RequestHeader>
0178	<ProtocolVersion>
0179	<ProtocolVersionMajor type="Integer" value="1"/>
0180	<ProtocolVersionMinor type="Integer" value="1"/>
0181	</ProtocolVersion>
0182	<BatchCount type="Integer" value="1"/>
0183	</RequestHeader>
0184	<BatchItem>

0185	<Operation type="Enumeration" value="Locate"/>
0186	<RequestPayload>
0187	<Attribute>
0188	<AttributeName type="TextString" value="Unique Identifier"/>
0189	<AttributeValue type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0190	</Attribute>
0191	</RequestPayload>
0192	</BatchItem>
0193	</RequestMessage>
0194	<ResponseMessage>
0195	<ResponseHeader>
0196	<ProtocolVersion>
0197	<ProtocolVersionMajor type="Integer" value="1"/>
0198	<ProtocolVersionMinor type="Integer" value="1"/>
0199	</ProtocolVersion>
0200	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0201	<BatchCount type="Integer" value="1"/>
0202	</ResponseHeader>
0203	<BatchItem>
0204	<Operation type="Enumeration" value="Locate"/>
0205	<ResultStatus type="Enumeration" value="Success"/>
0206	<ResponsePayload>
0207	</ResponsePayload>
0208	</BatchItem>
0209	</ResponseMessage>

221

222 **3.2.73.5.3 SKFF-M-7-11**

223 Create, Locate, Get, Destroy, Locate AES-256

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="1"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-M-7-11"/>
0018	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0019	</AttributeValue>
0020	</Attribute>
0021	<Attribute>
0022	<AttributeName type="TextString" value="Cryptographic"
	Algorithm"/>
0023	<AttributeValue type="Enumeration" value="AES"/>

0024	</Attribute>
0025	<Attribute>
0026	<AttributeName type="TextString" value="Cryptographic Length"/>
0027	<AttributeValue type="Integer" value="256"/>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic Usage Mask"/>
0031	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0032	</Attribute>
0033	<Attribute>
0034	<AttributeName type="TextString" value="Contact Information"/>
0035	<AttributeValue type="TextString" value="Joe"/>
0036	</Attribute>
0037	</TemplateAttribute>
0038	</RequestPayload>
0039	</BatchItem>
0040	</RequestMessage>
0041	<ResponseMessage>
0042	<ResponseHeader>
0043	<ProtocolVersion>
0044	<ProtocolVersionMajor type="Integer" value="1"/>
0045	<ProtocolVersionMinor type="Integer" value="1"/>
0046	</ProtocolVersion>
0047	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0048	<BatchCount type="Integer" value="1"/>
0049	</ResponseHeader>
0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0056	</ResponsePayload>
0057	</BatchItem>
0058	</ResponseMessage>
# TIME 1	
0059	<RequestMessage>
0060	<RequestHeader>
0061	<ProtocolVersion>
0062	<ProtocolVersionMajor type="Integer" value="1"/>
0063	<ProtocolVersionMinor type="Integer" value="1"/>
0064	</ProtocolVersion>
0065	<BatchCount type="Integer" value="1"/>
0066	</RequestHeader>
0067	<BatchItem>
0068	<Operation type="Enumeration" value="Locate"/>
0069	<RequestPayload>
0070	<Attribute>
0071	<AttributeName type="TextString" value="Object Type"/>
0072	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0073	</Attribute>
0074	<Attribute>
0075	<AttributeName type="TextString" value="Name"/>
0076	<AttributeValue>

0077	<NameValue type="TextString" value="SKFF-M-7-11"/>
0078	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0079	</AttributeValue>
0080	</Attribute>
0081	</RequestPayload>
0082	</BatchItem>
0083	</RequestMessage>
0084	<ResponseMessage>
0085	<ResponseHeader>
0086	<ProtocolVersion>
0087	<ProtocolVersionMajor type="Integer" value="1"/>
0088	<ProtocolVersionMinor type="Integer" value="1"/>
0089	</ProtocolVersion>
0090	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0091	<BatchCount type="Integer" value="1"/>
0092	</ResponseHeader>
0093	<BatchItem>
0094	<Operation type="Enumeration" value="Locate"/>
0095	<ResultStatus type="Enumeration" value="Success"/>
0096	<ResponsePayload>
0097	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0098	</ResponsePayload>
0099	</BatchItem>
0100	</ResponseMessage>
	# TIME 2
0101	<RequestMessage>
0102	<RequestHeader>
0103	<ProtocolVersion>
0104	<ProtocolVersionMajor type="Integer" value="1"/>
0105	<ProtocolVersionMinor type="Integer" value="1"/>
0106	</ProtocolVersion>
0107	<BatchCount type="Integer" value="1"/>
0108	</RequestHeader>
0109	<BatchItem>
0110	<Operation type="Enumeration" value="Get"/>
0111	<RequestPayload>
0112	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0113	</RequestPayload>
0114	</BatchItem>
0115	</RequestMessage>
0116	<ResponseMessage>
0117	<ResponseHeader>
0118	<ProtocolVersion>
0119	<ProtocolVersionMajor type="Integer" value="1"/>
0120	<ProtocolVersionMinor type="Integer" value="1"/>
0121	</ProtocolVersion>
0122	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0123	<BatchCount type="Integer" value="1"/>
0124	</ResponseHeader>
0125	<BatchItem>
0126	<Operation type="Enumeration" value="Get"/>
0127	<ResultStatus type="Enumeration" value="Success"/>
0128	<ResponsePayload>
0129	<ObjectType type="Enumeration" value="SymmetricKey"/>
0130	<UniqueIdentifier type="TextString"

0131	value="\$UNIQUE_IDENTIFIER_0"/>
0132	<SymmetricKey>
0133	<KeyBlock>
0134	<KeyFormatType type="Enumeration" value="Raw"/>
0135	<KeyValue>
	<KeyMaterial type="ByteString"
	value="f88b2ddae98a018dc3b73df2b06895e548af3e1f93d66e40ea807b9078de0
	b18"/>
0136	</KeyValue>
0137	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0138	<CryptographicLength type="Integer" value="256"/>
0139	</KeyBlock>
0140	</SymmetricKey>
0141	</ResponsePayload>
0142	</BatchItem>
0143	</ResponseMessage>
# TIME 3	
0144	<RequestMessage>
0145	<RequestHeader>
0146	<ProtocolVersion>
0147	<ProtocolVersionMajor type="Integer" value="1"/>
0148	<ProtocolVersionMinor type="Integer" value="1"/>
0149	</ProtocolVersion>
0150	<BatchCount type="Integer" value="1"/>
0151	</RequestHeader>
0152	<BatchItem>
0153	<Operation type="Enumeration" value="Destroy"/>
0154	<RequestPayload>
0155	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0156	</RequestPayload>
0157	</BatchItem>
0158	</RequestMessage>
0159	<ResponseMessage>
0160	<ResponseHeader>
0161	<ProtocolVersion>
0162	<ProtocolVersionMajor type="Integer" value="1"/>
0163	<ProtocolVersionMinor type="Integer" value="1"/>
0164	</ProtocolVersion>
0165	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0166	<BatchCount type="Integer" value="1"/>
0167	</ResponseHeader>
0168	<BatchItem>
0169	<Operation type="Enumeration" value="Destroy"/>
0170	<ResultStatus type="Enumeration" value="Success"/>
0171	<ResponsePayload>
0172	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0173	</ResponsePayload>
0174	</BatchItem>
0175	</ResponseMessage>
# TIME 4	
0176	<RequestMessage>
0177	<RequestHeader>
0178	<ProtocolVersion>
0179	<ProtocolVersionMajor type="Integer" value="1"/>
0180	<ProtocolVersionMinor type="Integer" value="1"/>
0181	</ProtocolVersion>

0182	<BatchCount type="Integer" value="1"/>
0183	</RequestHeader>
0184	<BatchItem>
0185	<Operation type="Enumeration" value="Locate"/>
0186	<RequestPayload>
0187	<Attribute>
0188	<AttributeName type="TextString" value="Unique Identifier"/>
0189	<AttributeValue type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0190	</Attribute>
0191	</RequestPayload>
0192	</BatchItem>
0193	</RequestMessage>
0194	<ResponseMessage>
0195	<ResponseHeader>
0196	<ProtocolVersion>
0197	<ProtocolVersionMajor type="Integer" value="1"/>
0198	<ProtocolVersionMinor type="Integer" value="1"/>
0199	</ProtocolVersion>
0200	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0201	<BatchCount type="Integer" value="1"/>
0202	</ResponseHeader>
0203	<BatchItem>
0204	<Operation type="Enumeration" value="Locate"/>
0205	<ResultStatus type="Enumeration" value="Success"/>
0206	<ResponsePayload>
0207	</ResponsePayload>
0208	</BatchItem>
0209	</ResponseMessage>

224

225 **3.2.83.5.4 SKFF-M-8-11**

226 Create, Locate, Get, Destroy, Locate DES3-168

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="1"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-M-8-11"/>
0018	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0019	</AttributeValue>
0020	</Attribute>
0021	</BatchItem>

0022	<AttributeName type="TextString" value="Cryptographic Algorithm"/>
0023	<AttributeValue type="Enumeration" value="DES3"/>
0024	</Attribute>
0025	<Attribute>
0026	<AttributeName type="TextString" value="Cryptographic Length"/>
0027	<AttributeValue type="Integer" value="168"/>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic Usage Mask"/>
0031	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0032	</Attribute>
0033	<Attribute>
0034	<AttributeName type="TextString" value="Contact Information"/>
0035	<AttributeValue type="TextString" value="Joe"/>
0036	</Attribute>
0037	</TemplateAttribute>
0038	</RequestPayload>
0039	</BatchItem>
0040	</RequestMessage>
0041	<ResponseMessage>
0042	<ResponseHeader>
0043	<ProtocolVersion>
0044	<ProtocolVersionMajor type="Integer" value="1"/>
0045	<ProtocolVersionMinor type="Integer" value="1"/>
0046	</ProtocolVersion>
0047	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0048	<BatchCount type="Integer" value="1"/>
0049	</ResponseHeader>
0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0056	</ResponsePayload>
0057	</BatchItem>
0058	</ResponseMessage>
0059	# TIME 1 <RequestMessage>
0060	<RequestHeader>
0061	<ProtocolVersion>
0062	<ProtocolVersionMajor type="Integer" value="1"/>
0063	<ProtocolVersionMinor type="Integer" value="1"/>
0064	</ProtocolVersion>
0065	<BatchCount type="Integer" value="1"/>
0066	</RequestHeader>
0067	<BatchItem>
0068	<Operation type="Enumeration" value="Locate"/>
0069	<RequestPayload>
0070	<Attribute>
0071	<AttributeName type="TextString" value="Object Type"/>
0072	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0073	</Attribute>

0074	<Attribute>
0075	<AttributeName type="TextString" value="Name"/>
0076	<AttributeValue>
0077	<NameValue type="TextString" value="SKFF-M-8-11"/>
0078	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0079	</AttributeValue>
0080	</Attribute>
0081	</RequestPayload>
0082	</BatchItem>
0083	</RequestMessage>
0084	<ResponseMessage>
0085	<ResponseHeader>
0086	<ProtocolVersion>
0087	<ProtocolVersionMajor type="Integer" value="1"/>
0088	<ProtocolVersionMinor type="Integer" value="1"/>
0089	</ProtocolVersion>
0090	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0091	<BatchCount type="Integer" value="1"/>
0092	</ResponseHeader>
0093	<BatchItem>
0094	<Operation type="Enumeration" value="Locate"/>
0095	<ResultStatus type="Enumeration" value="Success"/>
0096	<ResponsePayload>
0097	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0098	</ResponsePayload>
0099	</BatchItem>
0100	</ResponseMessage>
	# TIME 2
0101	<RequestMessage>
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0108	</RequestHeader>
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0110	<Operation type="Enumeration" value="Get"/>
0111	<RequestPayload>
0112	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0113	</RequestPayload>
0114	</BatchItem>
0115	</RequestMessage>
0116	<ResponseMessage>
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0122	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0123	<BatchCount type="Integer" value="1"/>
0124	</ResponseHeader>
0125	<BatchItem>
0126	<Operation type="Enumeration" value="Get"/>
0127	<ResultStatus type="Enumeration" value="Success"/>

0128	<ResponsePayload>
0129	<ObjectType type="Enumeration" value="SymmetricKey"/>
0130	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0131	<SymmetricKey>
0132	<KeyBlock>
0133	<KeyFormatType type="Enumeration" value="Raw"/>
0134	<KeyValue>
0135	<KeyMaterial type="ByteString"
	value="7367578051012a6d134a855e25c8cd5e4ca131455729d3c8"/>
0136	</KeyValue>
0137	<CryptographicAlgorithm type="Enumeration" value="DES3"/>
0138	<CryptographicLength type="Integer" value="168"/>
0139	</KeyBlock>
0140	</SymmetricKey>
0141	</ResponsePayload>
0142	</BatchItem>
0143	</ResponseMessage>
	# TIME 3
0144	<RequestMessage>
0145	<RequestHeader>
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0147	<ProtocolVersionMajor type="Integer" value="1"/>
0148	<ProtocolVersionMinor type="Integer" value="1"/>
0149	</ProtocolVersion>
0150	<BatchCount type="Integer" value="1"/>
0151	</RequestHeader>
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0153	<Operation type="Enumeration" value="Destroy"/>
0154	<RequestPayload>
0155	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0156	</RequestPayload>
0157	</BatchItem>
0158	</RequestMessage>
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0162	<ProtocolVersionMajor type="Integer" value="1"/>
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0166	<BatchCount type="Integer" value="1"/>
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0170	<ResultStatus type="Enumeration" value="Success"/>
0171	<ResponsePayload>
0172	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0173	</ResponsePayload>
0174	</BatchItem>
0175	</ResponseMessage>
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0176	<RequestMessage>
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0184	<BatchItem>
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0186	<RequestPayload>
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0188	<AttributeName type="TextString" value="Unique Identifier"/>
0189	<AttributeValue type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
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0192	</BatchItem>
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0194	<ResponseMessage>
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0197	<ProtocolVersionMajor type="Integer" value="1"/>
0198	<ProtocolVersionMinor type="Integer" value="1"/>
0199	</ProtocolVersion>
0200	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0201	<BatchCount type="Integer" value="1"/>
0202	</ResponseHeader>
0203	<BatchItem>
0204	<Operation type="Enumeration" value="Locate"/>
0205	<ResultStatus type="Enumeration" value="Success"/>
0206	<ResponsePayload>
0207	</ResponsePayload>
0208	</BatchItem>
0209	</ResponseMessage>

227

228 **3.6 Mandatory Test Cases KMIP v1.1 - Advanced**

229 **3.2.93.6.1 SKFF-M-9-11**

230 Create, Get, Activate, Revoke, Locate, Add/Mod/Del Attributes, Destroy AES-128

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="1"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0016	<AttributeValue type="Enumeration" value="AES"/>
0017	</Attribute>

0018	<Attribute>
0019	<AttributeName type="TextString" value="Cryptographic Length"/>
0020	<AttributeValue type="Integer" value="128"/>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Name"/>
0024	<AttributeValue>
0025	<NameValue type="TextString" value="SKFF-M-9-11"/>
0026	<NameType type="Enumeration" value="UninterpretedTextString"/>
0027	</AttributeValue>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic Usage Mask"/>
0031	<AttributeValue type="Integer" value="Encrypt"/>
0032	</Attribute>
0033	</TemplateAttribute>
0034	</RequestPayload>
0035	</BatchItem>
0036	</RequestMessage>
0037	<ResponseMessage>
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0039	<ProtocolVersion>
0040	<ProtocolVersionMajor type="Integer" value="1"/>
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0044	<BatchCount type="Integer" value="1"/>
0045	</ResponseHeader>
0046	<BatchItem>
0047	<Operation type="Enumeration" value="Create"/>
0048	<ResultStatus type="Enumeration" value="Success"/>
0049	<ResponsePayload>
0050	<ObjectType type="Enumeration" value="SymmetricKey"/>
0051	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0052	</ResponsePayload>
0053	</BatchItem>
0054	</ResponseMessage>
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0061	<BatchCount type="Integer" value="1"/>
0062	</RequestHeader>
0063	<BatchItem>
0064	<Operation type="Enumeration" value="GetAttributes"/>
0065	<RequestPayload>
0066	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0067	<AttributeName type="TextString" value="State"/>
0068	</RequestPayload>
0069	</BatchItem>

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0071	<ResponseMessage>
0072	<ResponseHeader>
0073	<ProtocolVersion>
0074	<ProtocolVersionMajor type="Integer" value="1"/>
0075	<ProtocolVersionMinor type="Integer" value="1"/>
0076	</ProtocolVersion>
0077	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0078	<BatchCount type="Integer" value="1"/>
0079	</ResponseHeader>
0080	<BatchItem>
0081	<Operation type="Enumeration" value="GetAttributes"/>
0082	<ResultStatus type="Enumeration" value="Success"/>
0083	<ResponsePayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0085	<Attribute>
0086	<AttributeName type="TextString" value="State"/>
0087	<AttributeValue type="Enumeration" value="PreActive"/>
0088	</Attribute>
0089	</ResponsePayload>
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0091	</ResponseMessage>
# TIME 2	
0092	<RequestMessage>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0104	</RequestPayload>
0105	</BatchItem>
0106	</RequestMessage>
0107	<ResponseMessage>
0108	<ResponseHeader>
0109	<ProtocolVersion>
0110	<ProtocolVersionMajor type="Integer" value="1"/>
0111	<ProtocolVersionMinor type="Integer" value="1"/>
0112	</ProtocolVersion>
0113	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0114	<BatchCount type="Integer" value="1"/>
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0116	<BatchItem>
0117	<Operation type="Enumeration" value="Activate"/>
0118	<ResultStatus type="Enumeration" value="Success"/>
0119	<ResponsePayload>
0120	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0121	</ResponsePayload>
0122	</BatchItem>
0123	</ResponseMessage>

0124	# TIME 3
0125	<RequestMessage>
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0130	</ProtocolVersion>
0131	<BatchCount type="Integer" value="1"/>
0132	</RequestHeader>
0133	<BatchItem>
0134	<Operation type="Enumeration" value="GetAttributes"/>
0135	<RequestPayload>
0136	<UniqueIdentifier type="TextString"
0137	value="\$UNIQUE_IDENTIFIER_0"/>
0138	<AttributeName type="TextString" value="State"/>
0139	</RequestPayload>
0140	</BatchItem>
0141	</RequestMessage>
0142	<ResponseMessage>
0143	<ResponseHeader>
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0145	<ProtocolVersionMajor type="Integer" value="1"/>
0146	<ProtocolVersionMinor type="Integer" value="1"/>
0147	</ProtocolVersion>
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0149	<BatchCount type="Integer" value="1"/>
0150	</ResponseHeader>
0151	<BatchItem>
0152	<Operation type="Enumeration" value="GetAttributes"/>
0153	<ResultStatus type="Enumeration" value="Success"/>
0154	<ResponsePayload>
0155	<UniqueIdentifier type="TextString"
0156	value="\$UNIQUE_IDENTIFIER_0"/>
0157	<Attribute>
0158	<AttributeName type="TextString" value="State"/>
0159	<AttributeValue type="Enumeration" value="Active"/>
0160	</Attribute>
0161	</ResponsePayload>
0162	</BatchItem>
0163	</ResponseMessage>
0164	# TIME 4
0165	<RequestMessage>
0166	<RequestHeader>
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0169	<ProtocolVersionMinor type="Integer" value="1"/>
0170	</ProtocolVersion>
0171	<BatchCount type="Integer" value="1"/>
0172	</RequestHeader>
0173	<BatchItem>
0174	<Operation type="Enumeration" value="Locate"/>
0175	<RequestPayload>
0176	<Attribute>
0177	<AttributeName type="TextString" value="Object Type"/>
	<AttributeValue type="Enumeration" value="SymmetricKey"/>
	</Attribute>
	<Attribute>
	<AttributeName type="TextString" value="Name"/>

0178	<AttributeValue>
0179	<NameValue type="TextString" value="SKFF-M-9-11"/>
0180	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0181	</AttributeValue>
0182	</Attribute>
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0184	</BatchItem>
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0186	<ResponseMessage>
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0189	<ProtocolVersionMajor type="Integer" value="1"/>
0190	<ProtocolVersionMinor type="Integer" value="1"/>
0191	</ProtocolVersion>
0192	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0193	<BatchCount type="Integer" value="1"/>
0194	</ResponseHeader>
0195	<BatchItem>
0196	<Operation type="Enumeration" value="Locate"/>
0197	<ResultStatus type="Enumeration" value="Success"/>
0198	<ResponsePayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0200	</ResponsePayload>
0201	</BatchItem>
0202	</ResponseMessage>
	# TIME 5
0203	<RequestMessage>
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0207	<ProtocolVersionMinor type="Integer" value="1"/>
0208	</ProtocolVersion>
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0210	</RequestHeader>
0211	<BatchItem>
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0213	<RequestPayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0215	</RequestPayload>
0216	</BatchItem>
0217	</RequestMessage>
0218	<ResponseMessage>
0219	<ResponseHeader>
0220	<ProtocolVersion>
0221	<ProtocolVersionMajor type="Integer" value="1"/>
0222	<ProtocolVersionMinor type="Integer" value="1"/>
0223	</ProtocolVersion>
0224	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0225	<BatchCount type="Integer" value="1"/>
0226	</ResponseHeader>
0227	<BatchItem>
0228	<Operation type="Enumeration" value="Get"/>
0229	<ResultStatus type="Enumeration" value="Success"/>
0230	<ResponsePayload>
0231	<ObjectType type="Enumeration" value="SymmetricKey"/>

0232	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0233	<SymmetricKey>
0234	<KeyBlock>
0235	<KeyFormatType type="Enumeration" value="Raw"/>
0236	<KeyValue>
0237	<KeyMaterial type="ByteString"
	value="9c7d7c4fd2076f1909a6ba4342cab1de"/>
0238	</KeyValue>
0239	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0240	<CryptographicLength type="Integer" value="128"/>
0241	</KeyBlock>
0242	</SymmetricKey>
0243	</ResponsePayload>
0244	</BatchItem>
0245	</ResponseMessage>
	# TIME 6
0246	<RequestMessage>
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0251	</ProtocolVersion>
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0256	<RequestPayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0258	<RevocationReason>
0259	<RevocationReasonCode type="Enumeration"
	value="KeyCompromise"/>
0260	</RevocationReason>
0261	<CompromiseOccurrenceDate type="DateTime" value="1970-01-
	01T00:00:06+00:00"/>
0262	</RequestPayload>
0263	</BatchItem>
0264	</RequestMessage>
0265	<ResponseMessage>
0266	<ResponseHeader>
0267	<ProtocolVersion>
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0269	<ProtocolVersionMinor type="Integer" value="1"/>
0270	</ProtocolVersion>
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0272	<BatchCount type="Integer" value="1"/>
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0274	<BatchItem>
0275	<Operation type="Enumeration" value="Revoke"/>
0276	<ResultStatus type="Enumeration" value="Success"/>
0277	<ResponsePayload>
0278	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0279	</ResponsePayload>
0280	</BatchItem>
0281	</ResponseMessage>
	# TIME 7

0282	<RequestMessage>
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0286	<ProtocolVersionMinor type="Integer" value="1"/>
0287	</ProtocolVersion>
0288	<BatchCount type="Integer" value="1"/>
0289	</RequestHeader>
0290	<BatchItem>
0291	<Operation type="Enumeration" value="GetAttributes"/>
0292	<RequestPayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0294	<AttributeName type="TextString" value="State"/>
0295	</RequestPayload>
0296	</BatchItem>
0297	</RequestMessage>
0298	<ResponseMessage>
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0305	<BatchCount type="Integer" value="1"/>
0306	</ResponseHeader>
0307	<BatchItem>
0308	<Operation type="Enumeration" value="GetAttributes"/>
0309	<ResultStatus type="Enumeration" value="Success"/>
0310	<ResponsePayload>
0311	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0312	<Attribute>
0313	<AttributeName type="TextString" value="State"/>
0314	<AttributeValue type="Enumeration" value="Compromised"/>
0315	</Attribute>
0316	</ResponsePayload>
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0318	</ResponseMessage>
0319	# TIME 8
0320	<RequestMessage>
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0323	<ProtocolVersionMajor type="Integer" value="1"/>
0324	<ProtocolVersionMinor type="Integer" value="1"/>
0325	</ProtocolVersion>
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0327	</RequestHeader>
0328	<BatchItem>
0329	<Operation type="Enumeration" value="GetAttributeList"/>
0330	<RequestPayload>
	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0331	</RequestPayload>
0332	</BatchItem>
0333	</RequestMessage>
0334	<ResponseMessage>
0335	<ResponseHeader>

0336	<ProtocolVersion>
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0338	<ProtocolVersionMinor type="Integer" value="1"/>
0339	</ProtocolVersion>
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0341	<BatchCount type="Integer" value="1"/>
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0343	<BatchItem>
0344	<Operation type="Enumeration" value="GetAttributeList"/>
0345	<ResultStatus type="Enumeration" value="Success"/>
0346	<ResponsePayload>
0347	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0348	<AttributeName type="TextString" value="Unique Identifier"/>
0349	<AttributeName type="TextString" value="Object Type"/>
0350	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0351	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0352	<AttributeName type="TextString" value="Activation Date"/>
0353	<AttributeName type="TextString" value="Compromise Date"/>
0354	<AttributeName type="TextString" value="Compromise Occurrence
	Date"/>
0355	<AttributeName type="TextString" value="Cryptographic Usage
	Mask"/>
0356	<AttributeName type="TextString" value="Digest"/>
0357	<AttributeName type="TextString" value="Fresh"/>
0358	<AttributeName type="TextString" value="Initial Date"/>
0359	<AttributeName type="TextString" value="Last Change Date"/>
0360	<AttributeName type="TextString" value="Lease Time"/>
0361	<AttributeName type="TextString" value="Name"/>
0362	<AttributeName type="TextString" value="Revocation Reason"/>
0363	<AttributeName type="TextString" value="State"/>
0364	</ResponsePayload>
0365	</BatchItem>
0366	</ResponseMessage>
	# TIME 9
0367	<RequestMessage>
0368	<RequestHeader>
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0376	<Operation type="Enumeration" value="GetAttributes"/>
0377	<RequestPayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0379	<AttributeName type="TextString" value="State"/>
0380	</RequestPayload>
0381	</BatchItem>
0382	</RequestMessage>
0383	<ResponseMessage>
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0387	<ProtocolVersionMinor type="Integer" value="1"/>
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0390	<BatchCount type="Integer" value="1"/>
0391	</ResponseHeader>
0392	<BatchItem>
0393	<Operation type="Enumeration" value="GetAttributes"/>
0394	<ResultStatus type="Enumeration" value="Success"/>
0395	<ResponsePayload>
0396	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0397	<Attribute>
0398	<AttributeName type="TextString" value="State"/>
0399	<AttributeValue type="Enumeration" value="Compromised"/>
0400	</Attribute>
0401	</ResponsePayload>
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# TIME 10	
0404	<RequestMessage>
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0411	</RequestHeader>
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0413	<Operation type="Enumeration" value="AddAttribute"/>
0414	<UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0415	<RequestPayload>
0416	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0417	<Attribute>
0418	<AttributeName type="TextString" value="x-attribute1"/>
0419	<AttributeValue type="TextString" value="Value1"/>
0420	</Attribute>
0421	</RequestPayload>
0422	</BatchItem>
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0425	<UniqueBatchItemID type="ByteString" value="9b898dc0577f8080"/>
0426	<RequestPayload>
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0429	<AttributeName type="TextString" value="x-attribute2"/>
0430	<AttributeValue type="TextString" value="Value2"/>
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0439	<ProtocolVersionMinor type="Integer" value="1"/>
0440	</ProtocolVersion>

0441	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0442	<BatchCount type="Integer" value="2"/>
0443	</ResponseHeader>
0444	<BatchItem>
0445	<Operation type="Enumeration" value="AddAttribute"/>
0446	<UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0447	<ResultStatus type="Enumeration" value="Success"/>
0448	<ResponsePayload>
0449	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0450	<Attribute>
0451	<AttributeName type="TextString" value="x-attribute1"/>
0452	<AttributeValue type="TextString" value="Value1"/>
0453	</Attribute>
0454	</ResponsePayload>
0455	</BatchItem>
0456	<BatchItem>
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0459	<ResultStatus type="Enumeration" value="Success"/>
0460	<ResponsePayload>
0461	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0462	<Attribute>
0463	<AttributeName type="TextString" value="x-attribute2"/>
0464	<AttributeValue type="TextString" value="Value2"/>
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0468	</ResponseMessage>
	# TIME 11
0469	<RequestMessage>
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0474	</ProtocolVersion>
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0476	</RequestHeader>
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0479	<UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0629	value="9c7d7c4fd2076f1909a6ba4342cab1de"/>
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0663	<ResponsePayload>
0664	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0665	</ResponsePayload>
0666	</BatchItem>
0667	</ResponseMessage>

231

232 **3.2.103.6.2 SKFF-M-10-11**

233 Create, GetAttributes, Activate, GetAttributes, Locate, Get, Revoke, GetAttributes, GetAttributeList,
 234 GetAttributes, AddAttribute, AddAttribute, ModifyAttribute, DeleteAttribute, Get, Destroy AES-128

	# TIME 0
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0008	</RequestHeader>
0009	<BatchItem>
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0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0016	<AttributeValue type="Enumeration" value="AES"/>
0017	</Attribute>
0018	<Attribute>
0019	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0020	<AttributeValue type="Integer" value="192"/>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Name"/>
0024	<AttributeValue>
0025	<NameValue type="TextString" value="SKFF-M-10-11"/>
0026	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0027	</AttributeValue>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic
	Usage Mask"/>
0031	<AttributeValue type="Integer" value="Encrypt"/>
0032	</Attribute>

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0035	</BatchItem>
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0052	value="\$UNIQUE_IDENTIFIER_0"/>
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	<Attribute>
	<AttributeName type="TextString" value="State"/>

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0136	<AttributeName type="TextString" value="State"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0155	<AttributeName type="TextString" value="State"/>
0156	<AttributeValue type="Enumeration" value="Active"/>
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0176	<Attribute>
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0178	<AttributeValue>
0179	<NameValue type="TextString" value="SKFF-M-10-11"/>
0180	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0181	</AttributeValue>
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0227	<BatchItem>
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0229	<ResultStatus type="Enumeration" value="Success"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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	value="13e1e3d7b4e630dc4582869ce7e8d27e1c5f31fdec2abee1"/>
0238	</KeyValue>
0239	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0240	<CryptographicLength type="Integer" value="192"/>
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# TIME 6	
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0259	<RevocationReasonCode type="Enumeration"
	value="KeyCompromise"/>
0260	</RevocationReason>
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0265	<ResponseMessage>
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0272	<BatchCount type="Integer" value="1"/>
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0275	<Operation type="Enumeration" value="Revoke"/>
0276	<ResultStatus type="Enumeration" value="Success"/>
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0279	</ResponsePayload>
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0282	<RequestMessage>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0296	</BatchItem>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0312	<Attribute>
0313	<AttributeName type="TextString" value="State"/>
0314	<AttributeValue type="Enumeration" value="Compromised"/>
0315	</Attribute>
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0318	</ResponseMessage>
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0341	<BatchCount type="Integer" value="1"/>
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0345	<ResultStatus type="Enumeration" value="Success"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0348	<AttributeName type="TextString" value="Unique Identifier"/>
0349	<AttributeName type="TextString" value="Object Type"/>
0350	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0351	<AttributeName type="TextString" value="Cryptographic

0352	Length"/>
0353	<AttributeName type="TextString" value="Activation Date"/>
0354	<AttributeName type="TextString" value="Compromise Date"/>
0355	<AttributeName type="TextString" value="Compromise Occurrence Date"/>
0356	<AttributeName type="TextString" value="Cryptographic Usage Mask"/>
0357	<AttributeName type="TextString" value="Digest"/>
0358	<AttributeName type="TextString" value="Fresh"/>
0359	<AttributeName type="TextString" value="Initial Date"/>
0360	<AttributeName type="TextString" value="Last Change Date"/>
0361	<AttributeName type="TextString" value="Lease Time"/>
0362	<AttributeName type="TextString" value="Name"/>
0363	<AttributeName type="TextString" value="Revocation Reason"/>
0364	<AttributeName type="TextString" value="State"/>
0365	</ResponsePayload>
0366	</BatchItem>
0367	</ResponseMessage>
0368	# TIME 9
0369	<RequestMessage>
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0381	<AttributeName type="TextString" value="State"/>
0382	</RequestPayload>
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0402	<AttributeValue type="Enumeration" value="Compromised"/>
0403	</Attribute>
0404	</ResponsePayload>
0405	</BatchItem>
0406	</ResponseMessage>


```

# TIME 10
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0409     </ProtocolVersion>
0410     <BatchCount type="Integer" value="2"/>
0411   </RequestHeader>
0412   <BatchItem>
0413     <Operation type="Enumeration" value="AddAttribute"/>
0414     <UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0415     <RequestPayload>
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value="$UNIQUE_IDENTIFIER_0"/>
0417       <Attribute>
0418         <AttributeName type="TextString" value="x-attribute1"/>
0419         <AttributeValue type="TextString" value="Value1"/>
0420       </Attribute>
0421     </RequestPayload>
0422   </BatchItem>
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0425     <UniqueBatchItemID type="ByteString" value="9b898dc0577f8080"/>
0426     <RequestPayload>
0427       <UniqueIdentifier type="TextString"
value="$UNIQUE_IDENTIFIER_0"/>
0428       <Attribute>
0429         <AttributeName type="TextString" value="x-attribute2"/>
0430         <AttributeValue type="TextString" value="Value2"/>
0431       </Attribute>
0432     </RequestPayload>
0433   </BatchItem>
0434 </RequestMessage>

0435 <ResponseMessage>
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0439       <ProtocolVersionMinor type="Integer" value="1"/>
0440     </ProtocolVersion>
0441     <TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0442     <BatchCount type="Integer" value="2"/>
0443   </ResponseHeader>
0444   <BatchItem>
0445     <Operation type="Enumeration" value="AddAttribute"/>
0446     <UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0447     <ResultStatus type="Enumeration" value="Success"/>
0448     <ResponsePayload>
0449       <UniqueIdentifier type="TextString"
value="$UNIQUE_IDENTIFIER_0"/>
0450       <Attribute>
0451         <AttributeName type="TextString" value="x-attribute1"/>
0452         <AttributeValue type="TextString" value="Value1"/>
0453       </Attribute>
0454     </ResponsePayload>
0455   </BatchItem>
0456   <BatchItem>
0457     <Operation type="Enumeration" value="AddAttribute"/>

```

0458	<UniqueBatchItemID type="ByteString" value="9b898dc0577f8080"/>
0459	<ResultStatus type="Enumeration" value="Success"/>
0460	<ResponsePayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0462	<Attribute>
0463	<AttributeName type="TextString" value="x-attribute2"/>
0464	<AttributeValue type="TextString" value="Value2"/>
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0466	</ResponsePayload>
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0468	</ResponseMessage>
# TIME 11	
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0477	<BatchItem>
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0479	<UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>
0480	<RequestPayload>
0481	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0482	<Attribute>
0483	<AttributeName type="TextString" value="x-attribute1"/>
0484	<AttributeValue type="TextString" value="ModifiedValue1"/>
0485	</Attribute>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0495	<AttributeValue type="TextString" value="ModifiedValue2"/>
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0504	<ProtocolVersionMinor type="Integer" value="1"/>
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0508	</ResponseHeader>
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0511	<UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>

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	value="\$UNIQUE_IDENTIFIER_0"/>
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0517	<AttributeValue type="TextString" value="ModifiedValue1"/>
0518	</Attribute>
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0520	</BatchItem>
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0522	<Operation type="Enumeration" value="ModifyAttribute"/>
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0524	<ResultStatus type="Enumeration" value="Success"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0527	<Attribute>
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0529	<AttributeValue type="TextString" value="ModifiedValue2"/>
0530	</Attribute>
0531	</ResponsePayload>
0532	</BatchItem>
0533	</ResponseMessage>
	# TIME 12
0534	<RequestMessage>
0535	<RequestHeader>
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0537	<ProtocolVersionMajor type="Integer" value="1"/>
0538	<ProtocolVersionMinor type="Integer" value="1"/>
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0541	</RequestHeader>
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0544	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0545	<RequestPayload>
0546	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0547	<AttributeName type="TextString" value="x-attribute1"/>
0548	</RequestPayload>
0549	</BatchItem>
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0552	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
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0554	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0555	<AttributeName type="TextString" value="x-attribute2"/>
0556	</RequestPayload>
0557	</BatchItem>
0558	</RequestMessage>
0559	<ResponseMessage>
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0563	<ProtocolVersionMinor type="Integer" value="1"/>
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0566	<BatchCount type="Integer" value="2"/>
0567	</ResponseHeader>
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0569	<Operation type="Enumeration" value="DeleteAttribute"/>
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0571	<ResultStatus type="Enumeration" value="Success"/>
0572	<ResponsePayload>
0573	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0574	<Attribute>
0575	<AttributeName type="TextString" value="x-attribute1"/>
0576	<AttributeValue type="TextString" value="ModifiedValue1"/>
0577	</Attribute>
0578	</ResponsePayload>
0579	</BatchItem>
0580	<BatchItem>
0581	<Operation type="Enumeration" value="DeleteAttribute"/>
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0583	<ResultStatus type="Enumeration" value="Success"/>
0584	<ResponsePayload>
0585	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0586	<Attribute>
0587	<AttributeName type="TextString" value="x-attribute2"/>
0588	<AttributeValue type="TextString" value="ModifiedValue2"/>
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0590	</ResponsePayload>
0591	</BatchItem>
0592	</ResponseMessage>
	# TIME 13
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0594	<RequestHeader>
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0597	<ProtocolVersionMinor type="Integer" value="1"/>
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0600	</RequestHeader>
0601	<BatchItem>
0602	<Operation type="Enumeration" value="Get"/>
0603	<RequestPayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0605	</RequestPayload>
0606	</BatchItem>
0607	</RequestMessage>
0608	<ResponseMessage>
0609	<ResponseHeader>
0610	<ProtocolVersion>
0611	<ProtocolVersionMajor type="Integer" value="1"/>
0612	<ProtocolVersionMinor type="Integer" value="1"/>
0613	</ProtocolVersion>
0614	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0615	<BatchCount type="Integer" value="1"/>
0616	</ResponseHeader>
0617	<BatchItem>
0618	<Operation type="Enumeration" value="Get"/>

0619	<ResultStatus type="Enumeration" value="Success"/>
0620	<ResponsePayload>
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0622	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0623	<SymmetricKey>
0624	<KeyBlock>
0625	<KeyFormatType type="Enumeration" value="Raw"/>
0626	<KeyValue>
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	value="13e1e3d7b4e630dc4582869ce7e8d27e1c5f31fdec2abee1"/>
0628	</KeyValue>
0629	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0630	<CryptographicLength type="Integer" value="192"/>
0631	</KeyBlock>
0632	</SymmetricKey>
0633	</ResponsePayload>
0634	</BatchItem>
0635	</ResponseMessage>
	# TIME 14
0636	<RequestMessage>
0637	<RequestHeader>
0638	<ProtocolVersion>
0639	<ProtocolVersionMajor type="Integer" value="1"/>
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0646	<RequestPayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0648	</RequestPayload>
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0650	</RequestMessage>
0651	<ResponseMessage>
0652	<ResponseHeader>
0653	<ProtocolVersion>
0654	<ProtocolVersionMajor type="Integer" value="1"/>
0655	<ProtocolVersionMinor type="Integer" value="1"/>
0656	</ProtocolVersion>
0657	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0658	<BatchCount type="Integer" value="1"/>
0659	</ResponseHeader>
0660	<BatchItem>
0661	<Operation type="Enumeration" value="Destroy"/>
0662	<ResultStatus type="Enumeration" value="Success"/>
0663	<ResponsePayload>
0664	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0665	</ResponsePayload>
0666	</BatchItem>
0667	</ResponseMessage>

236 **3.2.113.6.3 SKFF-M-11-11**

237 Create, GetAttributes, Activate, GetAttributes, Locate, Get, Revoke, GetAttributes, GetAttributeList,
238 GetAttributes, AddAttribute, AddAttribute, ModifyAttribute, DeleteAttribute, Get, Destroy AES-256

```
# TIME 0
0001 <RequestMessage>
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0003     <ProtocolVersion>
0004       <ProtocolVersionMajor type="Integer" value="1"/>
0005       <ProtocolVersionMinor type="Integer" value="1"/>
0006     </ProtocolVersion>
0007     <BatchCount type="Integer" value="1"/>
0008   </RequestHeader>
0009   <BatchItem>
0010     <Operation type="Enumeration" value="Create"/>
0011     <RequestPayload>
0012       <ObjectType type="Enumeration" value="SymmetricKey"/>
0013       <TemplateAttribute>
0014         <Attribute>
0015           <AttributeName type="TextString" value="Cryptographic
Algorithm"/>
0016           <AttributeValue type="Enumeration" value="AES"/>
0017         </Attribute>
0018         <Attribute>
0019           <AttributeName type="TextString" value="Cryptographic
Length"/>
0020           <AttributeValue type="Integer" value="256"/>
0021         </Attribute>
0022         <Attribute>
0023           <AttributeName type="TextString" value="Name"/>
0024           <AttributeValue>
0025             <NameValue type="TextString" value="SKFF-M-11-11"/>
0026             <NameType type="Enumeration"
value="UninterpretedTextString"/>
0027           </AttributeValue>
0028         </Attribute>
0029         <Attribute>
0030           <AttributeName type="TextString" value="Cryptographic
Usage Mask"/>
0031           <AttributeValue type="Integer" value="Encrypt"/>
0032         </Attribute>
0033       </TemplateAttribute>
0034     </RequestPayload>
0035   </BatchItem>
0036 </RequestMessage>
0037 <ResponseMessage>
0038   <ResponseHeader>
0039     <ProtocolVersion>
0040       <ProtocolVersionMajor type="Integer" value="1"/>
0041       <ProtocolVersionMinor type="Integer" value="1"/>
0042     </ProtocolVersion>
0043     <TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0044     <BatchCount type="Integer" value="1"/>
0045   </ResponseHeader>
0046   <BatchItem>
0047     <Operation type="Enumeration" value="Create"/>
0048     <ResultStatus type="Enumeration" value="Success"/>
0049   <ResponsePayload>
```

0050	<ObjectType type="Enumeration" value="SymmetricKey"/>
0051	<UniqueIdentifier type="TextString"
0052	value="\$UNIQUE_IDENTIFIER_0"/>
0053	</ResponsePayload>
0054	</BatchItem>
0055	</ResponseMessage>
0056	# TIME 1
0057	<RequestMessage>
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0060	<ProtocolVersionMajor type="Integer" value="1"/>
0061	<ProtocolVersionMinor type="Integer" value="1"/>
0062	</ProtocolVersion>
0063	<BatchCount type="Integer" value="1"/>
0064	</RequestHeader>
0065	<BatchItem>
0066	<Operation type="Enumeration" value="GetAttributes"/>
0067	<RequestPayload>
0068	<UniqueIdentifier type="TextString"
0069	value="\$UNIQUE_IDENTIFIER_0"/>
0070	<AttributeName type="TextString" value="State"/>
0071	</RequestPayload>
0072	</BatchItem>
0073	</RequestMessage>
0074	<ResponseMessage>
0075	<ResponseHeader>
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0077	<ProtocolVersionMajor type="Integer" value="1"/>
0078	<ProtocolVersionMinor type="Integer" value="1"/>
0079	</ProtocolVersion>
0080	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0081	<BatchCount type="Integer" value="1"/>
0082	</ResponseHeader>
0083	<BatchItem>
0084	<Operation type="Enumeration" value="GetAttributes"/>
0085	<ResultStatus type="Enumeration" value="Success"/>
0086	<ResponsePayload>
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0088	value="\$UNIQUE_IDENTIFIER_0"/>
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0090	<AttributeName type="TextString" value="State"/>
0091	<AttributeValue type="Enumeration" value="PreActive"/>
0092	</Attribute>
0093	</ResponsePayload>
0094	</BatchItem>
0095	</ResponseMessage>
0096	# TIME 2
0097	<RequestMessage>
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0101	<ProtocolVersionMinor type="Integer" value="1"/>
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	</RequestHeader>
	<BatchItem>
	<Operation type="Enumeration" value="Activate"/>
	<RequestPayload>

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0104	value="\$UNIQUE_IDENTIFIER_0"/>
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0106	</BatchItem>
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0107	<ResponseMessage>
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0110	<ProtocolVersionMajor type="Integer" value="1"/>
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0112	</ProtocolVersion>
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0114	<BatchCount type="Integer" value="1"/>
0115	</ResponseHeader>
0116	<BatchItem>
0117	<Operation type="Enumeration" value="Activate"/>
0118	<ResultStatus type="Enumeration" value="Success"/>
0119	<ResponsePayload>
0120	<UniqueIdentifier type="TextString"
0121	value="\$UNIQUE_IDENTIFIER_0"/>
0122	</ResponsePayload>
0123	</BatchItem>
0123	</ResponseMessage>
0124	# TIME 3
0124	<RequestMessage>
0125	<RequestHeader>
0126	<ProtocolVersion>
0127	<ProtocolVersionMajor type="Integer" value="1"/>
0128	<ProtocolVersionMinor type="Integer" value="1"/>
0129	</ProtocolVersion>
0130	<BatchCount type="Integer" value="1"/>
0131	</RequestHeader>
0132	<BatchItem>
0133	<Operation type="Enumeration" value="GetAttributes"/>
0134	<RequestPayload>
0135	<UniqueIdentifier type="TextString"
0136	value="\$UNIQUE_IDENTIFIER_0"/>
0137	<AttributeName type="TextString" value="State"/>
0138	</RequestPayload>
0139	</BatchItem>
0139	</RequestMessage>
0140	<ResponseMessage>
0141	<ResponseHeader>
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0145	</ProtocolVersion>
0146	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0147	<BatchCount type="Integer" value="1"/>
0148	</ResponseHeader>
0149	<BatchItem>
0150	<Operation type="Enumeration" value="GetAttributes"/>
0151	<ResultStatus type="Enumeration" value="Success"/>
0152	<ResponsePayload>
0153	<UniqueIdentifier type="TextString"
0154	value="\$UNIQUE_IDENTIFIER_0"/>
0155	<Attribute>
0155	<AttributeName type="TextString" value="State"/>

0156	<AttributeValue type="Enumeration" value="Active"/>
0157	</Attribute>
0158	</ResponsePayload>
0159	</BatchItem>
0160	</ResponseMessage>
# TIME 4	
0161	<RequestMessage>
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0163	<ProtocolVersion>
0164	<ProtocolVersionMajor type="Integer" value="1"/>
0165	<ProtocolVersionMinor type="Integer" value="1"/>
0166	</ProtocolVersion>
0167	<BatchCount type="Integer" value="1"/>
0168	</RequestHeader>
0169	<BatchItem>
0170	<Operation type="Enumeration" value="Locate"/>
0171	<RequestPayload>
0172	<Attribute>
0173	<AttributeName type="TextString" value="Object Type"/>
0174	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0175	</Attribute>
0176	<Attribute>
0177	<AttributeName type="TextString" value="Name"/>
0178	<AttributeValue>
0179	<NameValue type="TextString" value="SKFF-M-11-11"/>
0180	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0181	</AttributeValue>
0182	</Attribute>
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0184	</BatchItem>
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0186	<ResponseMessage>
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0189	<ProtocolVersionMajor type="Integer" value="1"/>
0190	<ProtocolVersionMinor type="Integer" value="1"/>
0191	</ProtocolVersion>
0192	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0193	<BatchCount type="Integer" value="1"/>
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0195	<BatchItem>
0196	<Operation type="Enumeration" value="Locate"/>
0197	<ResultStatus type="Enumeration" value="Success"/>
0198	<ResponsePayload>
0199	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
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0201	</BatchItem>
0202	</ResponseMessage>
# TIME 5	
0203	<RequestMessage>
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0211	<BatchItem>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0222	<ProtocolVersionMinor type="Integer" value="1"/>
0223	</ProtocolVersion>
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0225	<BatchCount type="Integer" value="1"/>
0226	</ResponseHeader>
0227	<BatchItem>
0228	<Operation type="Enumeration" value="Get"/>
0229	<ResultStatus type="Enumeration" value="Success"/>
0230	<ResponsePayload>
0231	<ObjectType type="Enumeration" value="SymmetricKey"/>
0232	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0233	<SymmetricKey>
0234	<KeyBlock>
0235	<KeyFormatType type="Enumeration" value="Raw"/>
0236	<KeyValue>
0237	<KeyMaterial type="ByteString"
	value="1de10496b0ef4dfa22ed858439c6b57880da74ad7a9eb476bac300a12dd187a2"/>
0238	</KeyValue>
0239	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0240	<CryptographicLength type="Integer" value="256"/>
0241	</KeyBlock>
0242	</SymmetricKey>
0243	</ResponsePayload>
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0245	</ResponseMessage>
	# TIME 6
0246	<RequestMessage>
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0256	<RequestPayload>
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0258	<RevocationReason>
0259	<RevocationReasonCode type="Enumeration"
	value="KeyCompromise"/>
0260	</RevocationReason>

0261	<CompromiseOccurrenceDate type="DateTime" value="1970-01-01T00:00:06+00:00"/>
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0263	</BatchItem>
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0270	</ProtocolVersion>
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0272	<BatchCount type="Integer" value="1"/>
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0274	<BatchItem>
0275	<Operation type="Enumeration" value="Revoke"/>
0276	<ResultStatus type="Enumeration" value="Success"/>
0277	<ResponsePayload>
0278	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0279	</ResponsePayload>
0280	</BatchItem>
0281	</ResponseMessage>
# TIME 7	
0282	<RequestMessage>
0283	<RequestHeader>
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0286	<ProtocolVersionMinor type="Integer" value="1"/>
0287	</ProtocolVersion>
0288	<BatchCount type="Integer" value="1"/>
0289	</RequestHeader>
0290	<BatchItem>
0291	<Operation type="Enumeration" value="GetAttributes"/>
0292	<RequestPayload>
0293	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0294	<AttributeName type="TextString" value="State"/>
0295	</RequestPayload>
0296	</BatchItem>
0297	</RequestMessage>
0298	<ResponseMessage>
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0302	<ProtocolVersionMinor type="Integer" value="1"/>
0303	</ProtocolVersion>
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0305	<BatchCount type="Integer" value="1"/>
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0307	<BatchItem>
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0309	<ResultStatus type="Enumeration" value="Success"/>
0310	<ResponsePayload>
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0312	<Attribute>
0313	<AttributeName type="TextString" value="State"/>

0314	<AttributeValue type="Enumeration" value="Compromised"/>
0315	</Attribute>
0316	</ResponsePayload>
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0318	</ResponseMessage>
# TIME 8	
0319	<RequestMessage>
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0668	</BatchItem>
0669	</ResponseMessage>

239

240 3.2.123.6.4 SKFF-M-12-11

241 Create, GetAttributes, Activate, GetAttributes, Locate, Get, Revoke, GetAttributes, GetAttributeList,
242 GetAttributes, AddAttribute, AddAttribute, ModifyAttribute, DeleteAttribute, Get, Destroy 3DES-168

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0236	<KeyValue>
0237	<KeyMaterial type="ByteString"
	value="ea9dc7c4e5d92a3b5bbf0b1c8c136e20eca137a88afb9745"/>
0238	</KeyValue>
0239	<CryptographicAlgorithm type="Enumeration" value="DES3"/>
0240	<CryptographicLength type="Integer" value="168"/>
0241	</KeyBlock>
0242	</SymmetricKey>
0243	</ResponsePayload>
0244	</BatchItem>
0245	</ResponseMessage>
# TIME 6	
0246	<RequestMessage>
0247	<RequestHeader>
0248	<ProtocolVersion>
0249	<ProtocolVersionMajor type="Integer" value="1"/>
0250	<ProtocolVersionMinor type="Integer" value="1"/>
0251	</ProtocolVersion>
0252	<BatchCount type="Integer" value="1"/>
0253	</RequestHeader>
0254	<BatchItem>
0255	<Operation type="Enumeration" value="Revoke"/>
0256	<RequestPayload>
0257	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0258	<RevocationReason>
0259	<RevocationReasonCode type="Enumeration"
	value="KeyCompromise"/>
0260	</RevocationReason>
0261	<CompromiseOccurrenceDate type="DateTime" value="1970-01-
	01T00:00:06+00:00"/>
0262	</RequestPayload>
0263	</BatchItem>
0264	</RequestMessage>
0265	<ResponseMessage>
0266	<ResponseHeader>
0267	<ProtocolVersion>
0268	<ProtocolVersionMajor type="Integer" value="1"/>
0269	<ProtocolVersionMinor type="Integer" value="1"/>
0270	</ProtocolVersion>
0271	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0272	<BatchCount type="Integer" value="1"/>
0273	</ResponseHeader>
0274	<BatchItem>
0275	<Operation type="Enumeration" value="Revoke"/>
0276	<ResultStatus type="Enumeration" value="Success"/>

0277	<ResponsePayload>
0278	<UniqueIdentifier type="TextString"
0279	value="\$UNIQUE_IDENTIFIER_0"/>
0280	</ResponsePayload>
0281	</BatchItem>
0282	</ResponseMessage>
# TIME 7	
0282	<RequestMessage>
0283	<RequestHeader>
0284	<ProtocolVersion>
0285	<ProtocolVersionMajor type="Integer" value="1"/>
0286	<ProtocolVersionMinor type="Integer" value="1"/>
0287	</ProtocolVersion>
0288	<BatchCount type="Integer" value="1"/>
0289	</RequestHeader>
0290	<BatchItem>
0291	<Operation type="Enumeration" value="GetAttributes"/>
0292	<RequestPayload>
0293	<UniqueIdentifier type="TextString"
0294	value="\$UNIQUE_IDENTIFIER_0"/>
0295	<AttributeName type="TextString" value="State"/>
0296	</RequestPayload>
0297	</BatchItem>
0298	</RequestMessage>
0299	<ResponseMessage>
0300	<ResponseHeader>
0301	<ProtocolVersion>
0302	<ProtocolVersionMajor type="Integer" value="1"/>
0303	<ProtocolVersionMinor type="Integer" value="1"/>
0304	</ProtocolVersion>
0305	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0306	<BatchCount type="Integer" value="1"/>
0307	</ResponseHeader>
0308	<BatchItem>
0309	<Operation type="Enumeration" value="GetAttributes"/>
0310	<ResultStatus type="Enumeration" value="Success"/>
0311	<ResponsePayload>
0312	<UniqueIdentifier type="TextString"
0313	value="\$UNIQUE_IDENTIFIER_0"/>
0314	<Attribute>
0315	<AttributeName type="TextString" value="State"/>
0316	<AttributeValue type="Enumeration" value="Compromised"/>
0317	</Attribute>
0318	</ResponsePayload>
0319	</BatchItem>
0320	</ResponseMessage>
# TIME 8	
0319	<RequestMessage>
0320	<RequestHeader>
0321	<ProtocolVersion>
0322	<ProtocolVersionMajor type="Integer" value="1"/>
0323	<ProtocolVersionMinor type="Integer" value="1"/>
0324	</ProtocolVersion>
0325	<BatchCount type="Integer" value="1"/>
0326	</RequestHeader>
0327	<BatchItem>
0328	<Operation type="Enumeration" value="GetAttributeList"/>
0329	<RequestPayload>

0330	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0331	</RequestPayload>
0332	</BatchItem>
0333	</RequestMessage>
0334	<ResponseMessage>
0335	<ResponseHeader>
0336	<ProtocolVersion>
0337	<ProtocolVersionMajor type="Integer" value="1"/>
0338	<ProtocolVersionMinor type="Integer" value="1"/>
0339	</ProtocolVersion>
0340	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0341	<BatchCount type="Integer" value="1"/>
0342	</ResponseHeader>
0343	<BatchItem>
0344	<Operation type="Enumeration" value="GetAttributeList"/>
0345	<ResultStatus type="Enumeration" value="Success"/>
0346	<ResponsePayload>
0347	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0348	<AttributeName type="TextString" value="Unique Identifier"/>
0349	<AttributeName type="TextString" value="Object Type"/>
0350	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0351	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0352	<AttributeName type="TextString" value="Activation Date"/>
0353	<AttributeName type="TextString" value="Compromise Date"/>
0354	<AttributeName type="TextString" value="Compromise Occurrence
	Date"/>
0355	<AttributeName type="TextString" value="Cryptographic Usage
	Mask"/>
0356	<AttributeName type="TextString" value="Digest"/>
0357	<AttributeName type="TextString" value="Fresh"/>
0358	<AttributeName type="TextString" value="Initial Date"/>
0359	<AttributeName type="TextString" value="Last Change Date"/>
0360	<AttributeName type="TextString" value="Lease Time"/>
0361	<AttributeName type="TextString" value="Name"/>
0362	<AttributeName type="TextString" value="Revocation Reason"/>
0363	<AttributeName type="TextString" value="State"/>
0364	</ResponsePayload>
0365	</BatchItem>
0366	</ResponseMessage>
	# TIME 9
0367	<RequestMessage>
0368	<RequestHeader>
0369	<ProtocolVersion>
0370	<ProtocolVersionMajor type="Integer" value="1"/>
0371	<ProtocolVersionMinor type="Integer" value="1"/>
0372	</ProtocolVersion>
0373	<BatchCount type="Integer" value="1"/>
0374	</RequestHeader>
0375	<BatchItem>
0376	<Operation type="Enumeration" value="GetAttributes"/>
0377	<RequestPayload>
0378	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0379	<AttributeName type="TextString" value="State"/>

0380	</RequestPayload>
0381	</BatchItem>
0382	</RequestMessage>
0383	<ResponseMessage>
0384	<ResponseHeader>
0385	<ProtocolVersion>
0386	<ProtocolVersionMajor type="Integer" value="1"/>
0387	<ProtocolVersionMinor type="Integer" value="1"/>
0388	</ProtocolVersion>
0389	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0390	<BatchCount type="Integer" value="1"/>
0391	</ResponseHeader>
0392	<BatchItem>
0393	<Operation type="Enumeration" value="GetAttributes"/>
0394	<ResultStatus type="Enumeration" value="Success"/>
0395	<ResponsePayload>
0396	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0397	<Attribute>
0398	<AttributeName type="TextString" value="State"/>
0399	<AttributeValue type="Enumeration" value="Compromised"/>
0400	</Attribute>
0401	</ResponsePayload>
0402	</BatchItem>
0403	</ResponseMessage>
# TIME 10	
0404	<RequestMessage>
0405	<RequestHeader>
0406	<ProtocolVersion>
0407	<ProtocolVersionMajor type="Integer" value="1"/>
0408	<ProtocolVersionMinor type="Integer" value="1"/>
0409	</ProtocolVersion>
0410	<BatchCount type="Integer" value="2"/>
0411	</RequestHeader>
0412	<BatchItem>
0413	<Operation type="Enumeration" value="AddAttribute"/>
0414	<UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0415	<RequestPayload>
0416	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0417	<Attribute>
0418	<AttributeName type="TextString" value="x-attribute1"/>
0419	<AttributeValue type="TextString" value="Value1"/>
0420	</Attribute>
0421	</RequestPayload>
0422	</BatchItem>
0423	<BatchItem>
0424	<Operation type="Enumeration" value="AddAttribute"/>
0425	<UniqueBatchItemID type="ByteString" value="9b898dc0577f8080"/>
0426	<RequestPayload>
0427	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0428	<Attribute>
0429	<AttributeName type="TextString" value="x-attribute2"/>
0430	<AttributeValue type="TextString" value="Value2"/>
0431	</Attribute>
0432	</RequestPayload>
0433	</BatchItem>

0434	</RequestMessage>
0435	<ResponseMessage>
0436	<ResponseHeader>
0437	<ProtocolVersion>
0438	<ProtocolVersionMajor type="Integer" value="1"/>
0439	<ProtocolVersionMinor type="Integer" value="1"/>
0440	</ProtocolVersion>
0441	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0442	<BatchCount type="Integer" value="2"/>
0443	</ResponseHeader>
0444	<BatchItem>
0445	<Operation type="Enumeration" value="AddAttribute"/>
0446	<UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0447	<ResultStatus type="Enumeration" value="Success"/>
0448	<ResponsePayload>
0449	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0450	<Attribute>
0451	<AttributeName type="TextString" value="x-attribute1"/>
0452	<AttributeValue type="TextString" value="Value1"/>
0453	</Attribute>
0454	</ResponsePayload>
0455	</BatchItem>
0456	<BatchItem>
0457	<Operation type="Enumeration" value="AddAttribute"/>
0458	<UniqueBatchItemID type="ByteString" value="9b898dc0577f8080"/>
0459	<ResultStatus type="Enumeration" value="Success"/>
0460	<ResponsePayload>
0461	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0462	<Attribute>
0463	<AttributeName type="TextString" value="x-attribute2"/>
0464	<AttributeValue type="TextString" value="Value2"/>
0465	</Attribute>
0466	</ResponsePayload>
0467	</BatchItem>
0468	</ResponseMessage>
	# TIME 11
0469	<RequestMessage>
0470	<RequestHeader>
0471	<ProtocolVersion>
0472	<ProtocolVersionMajor type="Integer" value="1"/>
0473	<ProtocolVersionMinor type="Integer" value="1"/>
0474	</ProtocolVersion>
0475	<BatchCount type="Integer" value="2"/>
0476	</RequestHeader>
0477	<BatchItem>
0478	<Operation type="Enumeration" value="ModifyAttribute"/>
0479	<UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>
0480	<RequestPayload>
0481	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0482	<Attribute>
0483	<AttributeName type="TextString" value="x-attribute1"/>
0484	<AttributeValue type="TextString" value="ModifiedValue1"/>
0485	</Attribute>
0486	</RequestPayload>
0487	</BatchItem>

0488	<BatchItem>
0489	<Operation type="Enumeration" value="ModifyAttribute"/>
0490	<UniqueBatchItemID type="ByteString" value="33f55c8d7e6cafbf"/>
0491	<RequestPayload>
0492	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0493	<Attribute>
0494	<AttributeName type="TextString" value="x-attribute2"/>
0495	<AttributeValue type="TextString" value="ModifiedValue2"/>
0496	</Attribute>
0497	</RequestPayload>
0498	</BatchItem>
0499	</RequestMessage>
0500	<ResponseMessage>
0501	<ResponseHeader>
0502	<ProtocolVersion>
0503	<ProtocolVersionMajor type="Integer" value="1"/>
0504	<ProtocolVersionMinor type="Integer" value="1"/>
0505	</ProtocolVersion>
0506	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0507	<BatchCount type="Integer" value="2"/>
0508	</ResponseHeader>
0509	<BatchItem>
0510	<Operation type="Enumeration" value="ModifyAttribute"/>
0511	<UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>
0512	<ResultStatus type="Enumeration" value="Success"/>
0513	<ResponsePayload>
0514	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0515	<Attribute>
0516	<AttributeName type="TextString" value="x-attribute1"/>
0517	<AttributeValue type="TextString" value="ModifiedValue1"/>
0518	</Attribute>
0519	</ResponsePayload>
0520	</BatchItem>
0521	<BatchItem>
0522	<Operation type="Enumeration" value="ModifyAttribute"/>
0523	<UniqueBatchItemID type="ByteString" value="33f55c8d7e6cafbf"/>
0524	<ResultStatus type="Enumeration" value="Success"/>
0525	<ResponsePayload>
0526	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0527	<Attribute>
0528	<AttributeName type="TextString" value="x-attribute2"/>
0529	<AttributeValue type="TextString" value="ModifiedValue2"/>
0530	</Attribute>
0531	</ResponsePayload>
0532	</BatchItem>
0533	</ResponseMessage>
	# TIME 12
0534	<RequestMessage>
0535	<RequestHeader>
0536	<ProtocolVersion>
0537	<ProtocolVersionMajor type="Integer" value="1"/>
0538	<ProtocolVersionMinor type="Integer" value="1"/>
0539	</ProtocolVersion>
0540	<BatchCount type="Integer" value="2"/>
0541	</RequestHeader>

0542	<BatchItem>
0543	<Operation type="Enumeration" value="DeleteAttribute"/>
0544	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0545	<RequestPayload>
0546	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0547	<AttributeName type="TextString" value="x-attribute1"/>
0548	</RequestPayload>
0549	</BatchItem>
0550	<BatchItem>
0551	<Operation type="Enumeration" value="DeleteAttribute"/>
0552	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0553	<RequestPayload>
0554	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0555	<AttributeName type="TextString" value="x-attribute2"/>
0556	</RequestPayload>
0557	</BatchItem>
0558	</RequestMessage>
0559	<ResponseMessage>
0560	<ResponseHeader>
0561	<ProtocolVersion>
0562	<ProtocolVersionMajor type="Integer" value="1"/>
0563	<ProtocolVersionMinor type="Integer" value="1"/>
0564	</ProtocolVersion>
0565	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0566	<BatchCount type="Integer" value="2"/>
0567	</ResponseHeader>
0568	<BatchItem>
0569	<Operation type="Enumeration" value="DeleteAttribute"/>
0570	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0571	<ResultStatus type="Enumeration" value="Success"/>
0572	<ResponsePayload>
0573	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0574	<Attribute>
0575	<AttributeName type="TextString" value="x-attribute1"/>
0576	<AttributeValue type="TextString" value="ModifiedValue1"/>
0577	</Attribute>
0578	</ResponsePayload>
0579	</BatchItem>
0580	<BatchItem>
0581	<Operation type="Enumeration" value="DeleteAttribute"/>
0582	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0583	<ResultStatus type="Enumeration" value="Success"/>
0584	<ResponsePayload>
0585	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0586	<Attribute>
0587	<AttributeName type="TextString" value="x-attribute2"/>
0588	<AttributeValue type="TextString" value="ModifiedValue2"/>
0589	</Attribute>
0590	</ResponsePayload>
0591	</BatchItem>
0592	</ResponseMessage>
	# TIME 13
0593	<RequestMessage>
0594	<RequestHeader>

0595	<ProtocolVersion>
0596	<ProtocolVersionMajor type="Integer" value="1"/>
0597	<ProtocolVersionMinor type="Integer" value="1"/>
0598	</ProtocolVersion>
0599	<BatchCount type="Integer" value="1"/>
0600	</RequestHeader>
0601	<BatchItem>
0602	<Operation type="Enumeration" value="Get"/>
0603	<RequestPayload>
0604	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0605	</RequestPayload>
0606	</BatchItem>
0607	</RequestMessage>
0608	<ResponseMessage>
0609	<ResponseHeader>
0610	<ProtocolVersion>
0611	<ProtocolVersionMajor type="Integer" value="1"/>
0612	<ProtocolVersionMinor type="Integer" value="1"/>
0613	</ProtocolVersion>
0614	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0615	<BatchCount type="Integer" value="1"/>
0616	</ResponseHeader>
0617	<BatchItem>
0618	<Operation type="Enumeration" value="Get"/>
0619	<ResultStatus type="Enumeration" value="Success"/>
0620	<ResponsePayload>
0621	<ObjectType type="Enumeration" value="SymmetricKey"/>
0622	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0623	<SymmetricKey>
0624	<KeyBlock>
0625	<KeyFormatType type="Enumeration" value="Raw"/>
0626	<KeyValue>
0627	<KeyMaterial type="ByteString"
	value="ea9dc7c4e5d92a3b5bbf0b1c8c136e20eca137a88afb9745"/>
0628	</KeyValue>
0629	<CryptographicAlgorithm type="Enumeration" value="DES3"/>
0630	<CryptographicLength type="Integer" value="168"/>
0631	</KeyBlock>
0632	</SymmetricKey>
0633	</ResponsePayload>
0634	</BatchItem>
0635	</ResponseMessage>
	# TIME 14
0636	<RequestMessage>
0637	<RequestHeader>
0638	<ProtocolVersion>
0639	<ProtocolVersionMajor type="Integer" value="1"/>
0640	<ProtocolVersionMinor type="Integer" value="1"/>
0641	</ProtocolVersion>
0642	<BatchCount type="Integer" value="1"/>
0643	</RequestHeader>
0644	<BatchItem>
0645	<Operation type="Enumeration" value="Destroy"/>
0646	<RequestPayload>
0647	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>

0648	</RequestPayload>
0649	</BatchItem>
0650	</RequestMessage>
0651	<ResponseMessage>
0652	<ResponseHeader>
0653	<ProtocolVersion>
0654	<ProtocolVersionMajor type="Integer" value="1"/>
0655	<ProtocolVersionMinor type="Integer" value="1"/>
0656	</ProtocolVersion>
0657	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0658	<BatchCount type="Integer" value="1"/>
0659	</ResponseHeader>
0660	<BatchItem>
0661	<Operation type="Enumeration" value="Destroy"/>
0662	<ResultStatus type="Enumeration" value="Success"/>
0663	<ResponsePayload>
0664	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0665	</ResponsePayload>
0666	</BatchItem>
0667	</ResponseMessage>

243

244 **3.33.7 Mandatory Test Cases KMIP 4v1.2 - Basic**

245 ~~This section documents the test cases that a client or server conformant to the Symmetric Key Foundry~~
246 ~~(FIPS140) Profile SHALL support under KMIP Specification 1.2.~~

247 **3.3.13.7.1 SKFF-M-1-12**

248 Create, Destroy AES-128

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="2"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic Algorithm"/>
0016	<AttributeValue type="Enumeration" value="AES"/>
0017	</Attribute>
0018	<Attribute>
0019	<AttributeName type="TextString" value="Cryptographic Length"/>
0020	<AttributeValue type="Integer" value="128"/>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Cryptographic

0024	Usage Mask"/>
0025	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0026	</Attribute>
0027	</TemplateAttribute>
0028	</RequestPayload>
0029	</BatchItem>
0030	</RequestMessage>
0030	<ResponseMessage>
0031	<ResponseHeader>
0032	<ProtocolVersion>
0033	<ProtocolVersionMajor type="Integer" value="1"/>
0034	<ProtocolVersionMinor type="Integer" value="2"/>
0035	</ProtocolVersion>
0036	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0037	<BatchCount type="Integer" value="1"/>
0038	</ResponseHeader>
0039	<BatchItem>
0040	<Operation type="Enumeration" value="Create"/>
0041	<ResultStatus type="Enumeration" value="Success"/>
0042	<ResponsePayload>
0043	<ObjectType type="Enumeration" value="SymmetricKey"/>
0044	<UniqueIdentifier type="TextString"
0045	value="\$UNIQUE_IDENTIFIER_0"/>
0046	</ResponsePayload>
0047	</BatchItem>
0047	</ResponseMessage>
0048	# TIME 1
0048	<RequestMessage>
0049	<RequestHeader>
0050	<ProtocolVersion>
0051	<ProtocolVersionMajor type="Integer" value="1"/>
0052	<ProtocolVersionMinor type="Integer" value="2"/>
0053	</ProtocolVersion>
0054	<BatchCount type="Integer" value="1"/>
0055	</RequestHeader>
0056	<BatchItem>
0057	<Operation type="Enumeration" value="Destroy"/>
0058	<RequestPayload>
0059	<UniqueIdentifier type="TextString"
0060	value="\$UNIQUE_IDENTIFIER_0"/>
0061	</RequestPayload>
0062	</BatchItem>
0062	</RequestMessage>
0063	<ResponseMessage>
0064	<ResponseHeader>
0065	<ProtocolVersion>
0066	<ProtocolVersionMajor type="Integer" value="1"/>
0067	<ProtocolVersionMinor type="Integer" value="2"/>
0068	</ProtocolVersion>
0069	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0070	<BatchCount type="Integer" value="1"/>
0071	</ResponseHeader>
0072	<BatchItem>
0073	<Operation type="Enumeration" value="Destroy"/>
0074	<ResultStatus type="Enumeration" value="Success"/>
0075	<ResponsePayload>
0076	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>

0077	</ResponsePayload>
0078	</BatchItem>
0079	</ResponseMessage>

249

250 3.3.23.7.2 SKFF-M-2-12

251 Create, Destroy AES-192

#	TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="2"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0016	<AttributeValue type="Enumeration" value="AES"/>
0017	</Attribute>
0018	<Attribute>
0019	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0020	<AttributeValue type="Integer" value="192"/>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Cryptographic
	Usage Mask"/>
0024	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0025	</Attribute>
0026	</TemplateAttribute>
0027	</RequestPayload>
0028	</BatchItem>
0029	</RequestMessage>
0030	<ResponseMessage>
0031	<ResponseHeader>
0032	<ProtocolVersion>
0033	<ProtocolVersionMajor type="Integer" value="1"/>
0034	<ProtocolVersionMinor type="Integer" value="2"/>
0035	</ProtocolVersion>
0036	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0037	<BatchCount type="Integer" value="1"/>
0038	</ResponseHeader>
0039	<BatchItem>
0040	<Operation type="Enumeration" value="Create"/>
0041	<ResultStatus type="Enumeration" value="Success"/>
0042	<ResponsePayload>
0043	<ObjectType type="Enumeration" value="SymmetricKey"/>
0044	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>

0045	</ResponsePayload>
0046	</BatchItem>
0047	</ResponseMessage>
0048	# TIME 1
0049	<RequestMessage>
0050	<RequestHeader>
0051	<ProtocolVersion>
0052	<ProtocolVersionMajor type="Integer" value="1"/>
0053	<ProtocolVersionMinor type="Integer" value="2"/>
0054	</ProtocolVersion>
0055	<BatchCount type="Integer" value="1"/>
0056	</RequestHeader>
0057	<BatchItem>
0058	<Operation type="Enumeration" value="Destroy"/>
0059	<RequestPayload>
0060	<UniqueIdentifier type="TextString"
0061	value="\$UNIQUE_IDENTIFIER_0"/>
0062	</RequestPayload>
0063	</BatchItem>
0064	</RequestMessage>
0065	<ResponseMessage>
0066	<ResponseHeader>
0067	<ProtocolVersion>
0068	<ProtocolVersionMajor type="Integer" value="1"/>
0069	<ProtocolVersionMinor type="Integer" value="2"/>
0070	</ProtocolVersion>
0071	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0072	<BatchCount type="Integer" value="1"/>
0073	</ResponseHeader>
0074	<BatchItem>
0075	<Operation type="Enumeration" value="Destroy"/>
0076	<ResultStatus type="Enumeration" value="Success"/>
0077	<ResponsePayload>
0078	<UniqueIdentifier type="TextString"
0079	value="\$UNIQUE_IDENTIFIER_0"/>

252

253 3.3.33.7.3 SKFF-M-3-12

254 Create, Destroy AES-256

0001	# TIME 0
0002	<RequestMessage>
0003	<RequestHeader>
0004	<ProtocolVersion>
0005	<ProtocolVersionMajor type="Integer" value="1"/>
0006	<ProtocolVersionMinor type="Integer" value="2"/>
0007	</ProtocolVersion>
0008	<BatchCount type="Integer" value="1"/>
0009	</RequestHeader>
0010	<BatchItem>
0011	<Operation type="Enumeration" value="Create"/>
0012	<RequestPayload>
0013	<ObjectType type="Enumeration" value="SymmetricKey"/>
0014	<TemplateAttribute>

0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic Algorithm"/>
0016	<AttributeValue type="Enumeration" value="AES"/>
0017	</Attribute>
0018	<Attribute>
0019	<AttributeName type="TextString" value="Cryptographic Length"/>
0020	<AttributeValue type="Integer" value="256"/>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Cryptographic Usage Mask"/>
0024	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0025	</Attribute>
0026	</TemplateAttribute>
0027	</RequestPayload>
0028	</BatchItem>
0029	</RequestMessage>
0030	<ResponseMessage>
0031	<ResponseHeader>
0032	<ProtocolVersion>
0033	<ProtocolVersionMajor type="Integer" value="1"/>
0034	<ProtocolVersionMinor type="Integer" value="2"/>
0035	</ProtocolVersion>
0036	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0037	<BatchCount type="Integer" value="1"/>
0038	</ResponseHeader>
0039	<BatchItem>
0040	<Operation type="Enumeration" value="Create"/>
0041	<ResultStatus type="Enumeration" value="Success"/>
0042	<ResponsePayload>
0043	<ObjectType type="Enumeration" value="SymmetricKey"/>
0044	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0045	</ResponsePayload>
0046	</BatchItem>
0047	</ResponseMessage>
0048	# TIME 1 <RequestMessage>
0049	<RequestHeader>
0050	<ProtocolVersion>
0051	<ProtocolVersionMajor type="Integer" value="1"/>
0052	<ProtocolVersionMinor type="Integer" value="2"/>
0053	</ProtocolVersion>
0054	<BatchCount type="Integer" value="1"/>
0055	</RequestHeader>
0056	<BatchItem>
0057	<Operation type="Enumeration" value="Destroy"/>
0058	<RequestPayload>
0059	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0060	</RequestPayload>
0061	</BatchItem>
0062	</RequestMessage>
0063	<ResponseMessage>
0064	<ResponseHeader>
0065	<ProtocolVersion>

0066	<ProtocolVersionMajor type="Integer" value="1"/>
0067	<ProtocolVersionMinor type="Integer" value="2"/>
0068	</ProtocolVersion>
0069	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0070	<BatchCount type="Integer" value="1"/>
0071	</ResponseHeader>
0072	<BatchItem>
0073	<Operation type="Enumeration" value="Destroy"/>
0074	<ResultStatus type="Enumeration" value="Success"/>
0075	<ResponsePayload>
0076	<UniqueIdentifier type="TextString"
	value="\$UNIQUE IDENTIFIER 0"/>
0077	</ResponsePayload>
0078	</BatchItem>
0079	</ResponseMessage>

255

256 **3.3.43.7.4 SKFF-M-4-12**

257 Create, Destroy DES3-168

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="2"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0016	<AttributeValue type="Enumeration" value="DES3"/>
0017	</Attribute>
0018	<Attribute>
0019	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0020	<AttributeValue type="Integer" value="168"/>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Cryptographic
	Usage Mask"/>
0024	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0025	</Attribute>
0026	</TemplateAttribute>
0027	</RequestPayload>
0028	</BatchItem>
0029	</RequestMessage>
0030	<ResponseMessage>
0031	<ResponseHeader>
0032	<ProtocolVersion>
0033	<ProtocolVersionMajor type="Integer" value="1"/>

0034	<ProtocolVersionMinor type="Integer" value="2"/>
0035	</ProtocolVersion>
0036	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0037	<BatchCount type="Integer" value="1"/>
0038	</ResponseHeader>
0039	<BatchItem>
0040	<Operation type="Enumeration" value="Create"/>
0041	<ResultStatus type="Enumeration" value="Success"/>
0042	<ResponsePayload>
0043	<ObjectType type="Enumeration" value="SymmetricKey"/>
0044	<UniqueIdentifier type="TextString"
0045	value="\$UNIQUE_IDENTIFIER_0"/>
0046	</ResponsePayload>
0047	</BatchItem>
0048	</ResponseMessage>
0049	# TIME 1
0050	<RequestMessage>
0051	<RequestHeader>
0052	<ProtocolVersion>
0053	<ProtocolVersionMajor type="Integer" value="1"/>
0054	<ProtocolVersionMinor type="Integer" value="2"/>
0055	</ProtocolVersion>
0056	<BatchCount type="Integer" value="1"/>
0057	</RequestHeader>
0058	<BatchItem>
0059	<Operation type="Enumeration" value="Destroy"/>
0060	<RequestPayload>
0061	<UniqueIdentifier type="TextString"
0062	value="\$UNIQUE_IDENTIFIER_0"/>
0063	</RequestPayload>
0064	</BatchItem>
0065	</RequestMessage>
0066	<ResponseMessage>
0067	<ResponseHeader>
0068	<ProtocolVersion>
0069	<ProtocolVersionMajor type="Integer" value="1"/>
0070	<ProtocolVersionMinor type="Integer" value="2"/>
0071	</ProtocolVersion>
0072	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0073	<BatchCount type="Integer" value="1"/>
0074	</ResponseHeader>
0075	<BatchItem>
0076	<Operation type="Enumeration" value="Destroy"/>
0077	<ResultStatus type="Enumeration" value="Success"/>
0078	<ResponsePayload>
0079	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
	</ResponsePayload>
	</BatchItem>
	</ResponseMessage>

258

259 3.8 Mandatory Test Cases KMIP v1.2 - Intermediate

260 3.3.53.8.1 SKFF-M-5-12

261 Create, Locate, Get, Destroy, Locate AES-128

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="2"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-M-5-12"/>
0018	<NameType type="Enumeration"
0019	value="UninterpretedTextString"/>
0020	</AttributeValue>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Cryptographic
0024	Algorithm"/>
0025	<AttributeValue type="Enumeration" value="AES"/>
0026	</Attribute>
0027	<Attribute>
0028	<AttributeName type="TextString" value="Cryptographic
0029	Length"/>
0030	<AttributeValue type="Integer" value="128"/>
0031	</Attribute>
0032	<Attribute>
0033	<AttributeName type="TextString" value="Cryptographic
0034	Usage Mask"/>
0035	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0036	</Attribute>
0037	<Attribute>
0038	<AttributeName type="TextString" value="Contact
0039	Information"/>
0040	<AttributeValue type="TextString" value="Joe"/>
0041	</Attribute>
0042	</TemplateAttribute>
0043	</RequestPayload>
0044	</BatchItem>
0045	</RequestMessage>
0046	<ResponseMessage>
0047	<ResponseHeader>
0048	<ProtocolVersion>
0049	<ProtocolVersionMajor type="Integer" value="1"/>
0050	<ProtocolVersionMinor type="Integer" value="2"/>
0051	</ProtocolVersion>
0052	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
	<BatchCount type="Integer" value="1"/>
	</ResponseHeader>
	<BatchItem>
	<Operation type="Enumeration" value="Create"/>
	<ResultStatus type="Enumeration" value="Success"/>

0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString"
0056	value="\$UNIQUE_IDENTIFIER_0"/>
0057	</ResponsePayload>
0058	</BatchItem>
0059	</ResponseMessage>
# TIME 1	
0059	<RequestMessage>
0060	<RequestHeader>
0061	<ProtocolVersion>
0062	<ProtocolVersionMajor type="Integer" value="1"/>
0063	<ProtocolVersionMinor type="Integer" value="2"/>
0064	</ProtocolVersion>
0065	<BatchCount type="Integer" value="1"/>
0066	</RequestHeader>
0067	<BatchItem>
0068	<Operation type="Enumeration" value="Locate"/>
0069	<RequestPayload>
0070	<Attribute>
0071	<AttributeName type="TextString" value="Object Type"/>
0072	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0073	</Attribute>
0074	<Attribute>
0075	<AttributeName type="TextString" value="Name"/>
0076	<AttributeValue>
0077	<NameValue type="TextString" value="SKFF-M-5-12"/>
0078	<NameType type="Enumeration"
0079	value="UninterpretedTextString"/>
0080	</AttributeValue>
0081	</Attribute>
0082	</RequestPayload>
0083	</BatchItem>
0084	</RequestMessage>
0084	<ResponseMessage>
0085	<ResponseHeader>
0086	<ProtocolVersion>
0087	<ProtocolVersionMajor type="Integer" value="1"/>
0088	<ProtocolVersionMinor type="Integer" value="2"/>
0089	</ProtocolVersion>
0090	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0091	<BatchCount type="Integer" value="1"/>
0092	</ResponseHeader>
0093	<BatchItem>
0094	<Operation type="Enumeration" value="Locate"/>
0095	<ResultStatus type="Enumeration" value="Success"/>
0096	<ResponsePayload>
0097	<UniqueIdentifier type="TextString"
0098	value="\$UNIQUE_IDENTIFIER_0"/>
0099	</ResponsePayload>
0100	</BatchItem>
0101	</ResponseMessage>
# TIME 2	
0101	<RequestMessage>
0102	<RequestHeader>
0103	<ProtocolVersion>
0104	<ProtocolVersionMajor type="Integer" value="1"/>
0105	<ProtocolVersionMinor type="Integer" value="2"/>

0106	</ProtocolVersion>
0107	<BatchCount type="Integer" value="1"/>
0108	</RequestHeader>
0109	<BatchItem>
0110	<Operation type="Enumeration" value="Get"/>
0111	<RequestPayload>
0112	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0113	</RequestPayload>
0114	</BatchItem>
0115	</RequestMessage>
0116	<ResponseMessage>
0117	<ResponseHeader>
0118	<ProtocolVersion>
0119	<ProtocolVersionMajor type="Integer" value="1"/>
0120	<ProtocolVersionMinor type="Integer" value="2"/>
0121	</ProtocolVersion>
0122	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0123	<BatchCount type="Integer" value="1"/>
0124	</ResponseHeader>
0125	<BatchItem>
0126	<Operation type="Enumeration" value="Get"/>
0127	<ResultStatus type="Enumeration" value="Success"/>
0128	<ResponsePayload>
0129	<ObjectType type="Enumeration" value="SymmetricKey"/>
0130	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0131	<SymmetricKey>
0132	<KeyBlock>
0133	<KeyFormatType type="Enumeration" value="Raw"/>
0134	<KeyValue>
0135	<KeyMaterial type="ByteString"
	value="ff52f70583d7321722c6d4e5e4605071"/>
0136	</KeyValue>
0137	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0138	<CryptographicLength type="Integer" value="128"/>
0139	</KeyBlock>
0140	</SymmetricKey>
0141	</ResponsePayload>
0142	</BatchItem>
0143	</ResponseMessage>
	# TIME 3
0144	<RequestMessage>
0145	<RequestHeader>
0146	<ProtocolVersion>
0147	<ProtocolVersionMajor type="Integer" value="1"/>
0148	<ProtocolVersionMinor type="Integer" value="2"/>
0149	</ProtocolVersion>
0150	<BatchCount type="Integer" value="1"/>
0151	</RequestHeader>
0152	<BatchItem>
0153	<Operation type="Enumeration" value="Destroy"/>
0154	<RequestPayload>
0155	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0156	</RequestPayload>
0157	</BatchItem>
0158	</RequestMessage>

0159	<ResponseMessage>
0160	<ResponseHeader>
0161	<ProtocolVersion>
0162	<ProtocolVersionMajor type="Integer" value="1"/>
0163	<ProtocolVersionMinor type="Integer" value="2"/>
0164	</ProtocolVersion>
0165	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0166	<BatchCount type="Integer" value="1"/>
0167	</ResponseHeader>
0168	<BatchItem>
0169	<Operation type="Enumeration" value="Destroy"/>
0170	<ResultStatus type="Enumeration" value="Success"/>
0171	<ResponsePayload>
0172	<UniqueIdentifier type="TextString"
0173	value="\$UNIQUE_IDENTIFIER_0"/>
0174	</ResponsePayload>
0175	</BatchItem>
0176	</ResponseMessage>
# TIME 4	
0176	<RequestMessage>
0177	<RequestHeader>
0178	<ProtocolVersion>
0179	<ProtocolVersionMajor type="Integer" value="1"/>
0180	<ProtocolVersionMinor type="Integer" value="2"/>
0181	</ProtocolVersion>
0182	<BatchCount type="Integer" value="1"/>
0183	</RequestHeader>
0184	<BatchItem>
0185	<Operation type="Enumeration" value="Locate"/>
0186	<RequestPayload>
0187	<Attribute>
0188	<AttributeName type="TextString" value="Unique Identifier"/>
0189	<AttributeValue type="TextString"
0190	value="\$UNIQUE_IDENTIFIER_0"/>
0191	</Attribute>
0192	</RequestPayload>
0193	</BatchItem>
0194	</RequestMessage>
0194	<ResponseMessage>
0195	<ResponseHeader>
0196	<ProtocolVersion>
0197	<ProtocolVersionMajor type="Integer" value="1"/>
0198	<ProtocolVersionMinor type="Integer" value="2"/>
0199	</ProtocolVersion>
0200	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0201	<BatchCount type="Integer" value="1"/>
0202	</ResponseHeader>
0203	<BatchItem>
0204	<Operation type="Enumeration" value="Locate"/>
0205	<ResultStatus type="Enumeration" value="Success"/>
0206	<ResponsePayload>
0207	</ResponsePayload>
0208	</BatchItem>
0209	</ResponseMessage>

3.3.63.8.2 SKFF-M-6-12

Create, Locate, Get, Destroy, Locate AES-192

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="2"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-M-6-12"/>
0018	<NameType type="Enumeration"
0019	value="UninterpretedTextString"/>
0020	</AttributeValue>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Cryptographic
0024	Algorithm"/>
0025	<AttributeValue type="Enumeration" value="AES"/>
0026	</Attribute>
0027	<Attribute>
0028	<AttributeName type="TextString" value="Cryptographic
0029	Length"/>
0030	<AttributeValue type="Integer" value="192"/>
0031	</Attribute>
0032	<Attribute>
0033	<AttributeName type="TextString" value="Cryptographic
0034	Usage Mask"/>
0035	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0036	</Attribute>
0037	<Attribute>
0038	<AttributeName type="TextString" value="Contact
0039	Information"/>
0040	<AttributeValue type="TextString" value="Joe"/>
0041	</Attribute>
0042	</TemplateAttribute>
0043	</RequestPayload>
0044	</BatchItem>
0045	</RequestMessage>
0046	<ResponseMessage>
0047	<ResponseHeader>
0048	<ProtocolVersion>
0049	<ProtocolVersionMajor type="Integer" value="1"/>
	<ProtocolVersionMinor type="Integer" value="2"/>
	</ProtocolVersion>
	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
	<BatchCount type="Integer" value="1"/>
	</ResponseHeader>

0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0056	</ResponsePayload>
0057	</BatchItem>
0058	</ResponseMessage>
	# TIME 1
0059	<RequestMessage>
0060	<RequestHeader>
0061	<ProtocolVersion>
0062	<ProtocolVersionMajor type="Integer" value="1"/>
0063	<ProtocolVersionMinor type="Integer" value="2"/>
0064	</ProtocolVersion>
0065	<BatchCount type="Integer" value="1"/>
0066	</RequestHeader>
0067	<BatchItem>
0068	<Operation type="Enumeration" value="Locate"/>
0069	<RequestPayload>
0070	<Attribute>
0071	<AttributeName type="TextString" value="Object Type"/>
0072	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0073	</Attribute>
0074	<Attribute>
0075	<AttributeName type="TextString" value="Name"/>
0076	<AttributeValue>
0077	<NameValue type="TextString" value="SKFF-M-6-12"/>
0078	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0079	</AttributeValue>
0080	</Attribute>
0081	</RequestPayload>
0082	</BatchItem>
0083	</RequestMessage>
0084	<ResponseMessage>
0085	<ResponseHeader>
0086	<ProtocolVersion>
0087	<ProtocolVersionMajor type="Integer" value="1"/>
0088	<ProtocolVersionMinor type="Integer" value="2"/>
0089	</ProtocolVersion>
0090	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0091	<BatchCount type="Integer" value="1"/>
0092	</ResponseHeader>
0093	<BatchItem>
0094	<Operation type="Enumeration" value="Locate"/>
0095	<ResultStatus type="Enumeration" value="Success"/>
0096	<ResponsePayload>
0097	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0098	</ResponsePayload>
0099	</BatchItem>
0100	</ResponseMessage>
	# TIME 2
0101	<RequestMessage>
0102	<RequestHeader>

0103	<ProtocolVersion>
0104	<ProtocolVersionMajor type="Integer" value="1"/>
0105	<ProtocolVersionMinor type="Integer" value="2"/>
0106	</ProtocolVersion>
0107	<BatchCount type="Integer" value="1"/>
0108	</RequestHeader>
0109	<BatchItem>
0110	<Operation type="Enumeration" value="Get"/>
0111	<RequestPayload>
0112	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0113	</RequestPayload>
0114	</BatchItem>
0115	</RequestMessage>
0116	<ResponseMessage>
0117	<ResponseHeader>
0118	<ProtocolVersion>
0119	<ProtocolVersionMajor type="Integer" value="1"/>
0120	<ProtocolVersionMinor type="Integer" value="2"/>
0121	</ProtocolVersion>
0122	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0123	<BatchCount type="Integer" value="1"/>
0124	</ResponseHeader>
0125	<BatchItem>
0126	<Operation type="Enumeration" value="Get"/>
0127	<ResultStatus type="Enumeration" value="Success"/>
0128	<ResponsePayload>
0129	<ObjectType type="Enumeration" value="SymmetricKey"/>
0130	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0131	<SymmetricKey>
0132	<KeyBlock>
0133	<KeyFormatType type="Enumeration" value="Raw"/>
0134	<KeyValue>
0135	<KeyMaterial type="ByteString"
	value="ae2443611895beb460237aa0a86e1d097d77e33307a8aaff"/>
0136	</KeyValue>
0137	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0138	<CryptographicLength type="Integer" value="192"/>
0139	</KeyBlock>
0140	</SymmetricKey>
0141	</ResponsePayload>
0142	</BatchItem>
0143	</ResponseMessage>
	# TIME 3
0144	<RequestMessage>
0145	<RequestHeader>
0146	<ProtocolVersion>
0147	<ProtocolVersionMajor type="Integer" value="1"/>
0148	<ProtocolVersionMinor type="Integer" value="2"/>
0149	</ProtocolVersion>
0150	<BatchCount type="Integer" value="1"/>
0151	</RequestHeader>
0152	<BatchItem>
0153	<Operation type="Enumeration" value="Destroy"/>
0154	<RequestPayload>
0155	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>

0156	</RequestPayload>
0157	</BatchItem>
0158	</RequestMessage>
0159	<ResponseMessage>
0160	<ResponseHeader>
0161	<ProtocolVersion>
0162	<ProtocolVersionMajor type="Integer" value="1"/>
0163	<ProtocolVersionMinor type="Integer" value="2"/>
0164	</ProtocolVersion>
0165	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0166	<BatchCount type="Integer" value="1"/>
0167	</ResponseHeader>
0168	<BatchItem>
0169	<Operation type="Enumeration" value="Destroy"/>
0170	<ResultStatus type="Enumeration" value="Success"/>
0171	<ResponsePayload>
0172	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0173	</ResponsePayload>
0174	</BatchItem>
0175	</ResponseMessage>
# TIME 4	
0176	<RequestMessage>
0177	<RequestHeader>
0178	<ProtocolVersion>
0179	<ProtocolVersionMajor type="Integer" value="1"/>
0180	<ProtocolVersionMinor type="Integer" value="2"/>
0181	</ProtocolVersion>
0182	<BatchCount type="Integer" value="1"/>
0183	</RequestHeader>
0184	<BatchItem>
0185	<Operation type="Enumeration" value="Locate"/>
0186	<RequestPayload>
0187	<Attribute>
0188	<AttributeName type="TextString" value="Unique Identifier"/>
0189	<AttributeValue type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0190	</Attribute>
0191	</RequestPayload>
0192	</BatchItem>
0193	</RequestMessage>
0194	<ResponseMessage>
0195	<ResponseHeader>
0196	<ProtocolVersion>
0197	<ProtocolVersionMajor type="Integer" value="1"/>
0198	<ProtocolVersionMinor type="Integer" value="2"/>
0199	</ProtocolVersion>
0200	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0201	<BatchCount type="Integer" value="1"/>
0202	</ResponseHeader>
0203	<BatchItem>
0204	<Operation type="Enumeration" value="Locate"/>
0205	<ResultStatus type="Enumeration" value="Success"/>
0206	<ResponsePayload>
0207	</ResponsePayload>
0208	</BatchItem>
0209	</ResponseMessage>

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3.3.73.8.3 SKFF-M-7-12

267

Create, Locate, Get, Destroy, Locate AES-256

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="2"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-M-7-12"/>
0018	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0019	</AttributeValue>
0020	</Attribute>
0021	<Attribute>
0022	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0023	<AttributeValue type="Enumeration" value="AES"/>
0024	</Attribute>
0025	<Attribute>
0026	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0027	<AttributeValue type="Integer" value="256"/>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic
	Usage Mask"/>
0031	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0032	</Attribute>
0033	<Attribute>
0034	<AttributeName type="TextString" value="Contact
	Information"/>
0035	<AttributeValue type="TextString" value="Joe"/>
0036	</Attribute>
0037	</TemplateAttribute>
0038	</RequestPayload>
0039	</BatchItem>
0040	</RequestMessage>
0041	<ResponseMessage>
0042	<ResponseHeader>
0043	<ProtocolVersion>
0044	<ProtocolVersionMajor type="Integer" value="1"/>
0045	<ProtocolVersionMinor type="Integer" value="2"/>
0046	</ProtocolVersion>

0047	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0048	<BatchCount type="Integer" value="1"/>
0049	</ResponseHeader>
0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0056	</ResponsePayload>
0057	</BatchItem>
0058	</ResponseMessage>
# TIME 1	
0059	<RequestMessage>
0060	<RequestHeader>
0061	<ProtocolVersion>
0062	<ProtocolVersionMajor type="Integer" value="1"/>
0063	<ProtocolVersionMinor type="Integer" value="2"/>
0064	</ProtocolVersion>
0065	<BatchCount type="Integer" value="1"/>
0066	</RequestHeader>
0067	<BatchItem>
0068	<Operation type="Enumeration" value="Locate"/>
0069	<RequestPayload>
0070	<Attribute>
0071	<AttributeName type="TextString" value="Object Type"/>
0072	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0073	</Attribute>
0074	<Attribute>
0075	<AttributeName type="TextString" value="Name"/>
0076	<AttributeValue>
0077	<NameValue type="TextString" value="SKFF-M-7-12"/>
0078	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0079	</AttributeValue>
0080	</Attribute>
0081	</RequestPayload>
0082	</BatchItem>
0083	</RequestMessage>
0084	<ResponseMessage>
0085	<ResponseHeader>
0086	<ProtocolVersion>
0087	<ProtocolVersionMajor type="Integer" value="1"/>
0088	<ProtocolVersionMinor type="Integer" value="2"/>
0089	</ProtocolVersion>
0090	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0091	<BatchCount type="Integer" value="1"/>
0092	</ResponseHeader>
0093	<BatchItem>
0094	<Operation type="Enumeration" value="Locate"/>
0095	<ResultStatus type="Enumeration" value="Success"/>
0096	<ResponsePayload>
0097	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0098	</ResponsePayload>
0099	</BatchItem>
0100	</ResponseMessage>

0101	# TIME 2
0102	<RequestMessage>
0103	<RequestHeader>
0104	<ProtocolVersion>
0105	<ProtocolVersionMajor type="Integer" value="1"/>
0106	<ProtocolVersionMinor type="Integer" value="2"/>
0107	</ProtocolVersion>
0108	<BatchCount type="Integer" value="1"/>
0109	</RequestHeader>
0110	<BatchItem>
0111	<Operation type="Enumeration" value="Get"/>
0112	<RequestPayload>
0113	<UniqueIdentifier type="TextString"
0114	value="\$UNIQUE_IDENTIFIER_0"/>
0115	</RequestPayload>
0116	</BatchItem>
0117	</RequestMessage>
0118	<ResponseMessage>
0119	<ResponseHeader>
0120	<ProtocolVersion>
0121	<ProtocolVersionMajor type="Integer" value="1"/>
0122	<ProtocolVersionMinor type="Integer" value="2"/>
0123	</ProtocolVersion>
0124	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0125	<BatchCount type="Integer" value="1"/>
0126	</ResponseHeader>
0127	<BatchItem>
0128	<Operation type="Enumeration" value="Get"/>
0129	<ResultStatus type="Enumeration" value="Success"/>
0130	<ResponsePayload>
0131	<ObjectType type="Enumeration" value="SymmetricKey"/>
0132	<UniqueIdentifier type="TextString"
0133	value="\$UNIQUE_IDENTIFIER_0"/>
0134	<SymmetricKey>
0135	<KeyBlock>
0136	<KeyFormatType type="Enumeration" value="Raw"/>
0137	<KeyValue>
0138	<KeyMaterial type="ByteString"
0139	value="f88b2ddae98a018dc3b73df2b06895e548af3e1f93d66e40ea807b9078de0
0140	b18"/>
0141	</KeyValue>
0142	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0143	<CryptographicLength type="Integer" value="256"/>
0144	</KeyBlock>
0145	</SymmetricKey>
0146	</ResponsePayload>
0147	</BatchItem>
0148	</ResponseMessage>
0149	# TIME 3
0150	<RequestMessage>
0151	<RequestHeader>
0152	<ProtocolVersion>
0153	<ProtocolVersionMajor type="Integer" value="1"/>
0154	<ProtocolVersionMinor type="Integer" value="2"/>
0155	</ProtocolVersion>
0156	<BatchCount type="Integer" value="1"/>
0157	</RequestHeader>
0158	<BatchItem>

0153	<Operation type="Enumeration" value="Destroy"/>
0154	<RequestPayload>
0155	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0156	</RequestPayload>
0157	</BatchItem>
0158	</RequestMessage>
0159	<ResponseMessage>
0160	<ResponseHeader>
0161	<ProtocolVersion>
0162	<ProtocolVersionMajor type="Integer" value="1"/>
0163	<ProtocolVersionMinor type="Integer" value="2"/>
0164	</ProtocolVersion>
0165	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0166	<BatchCount type="Integer" value="1"/>
0167	</ResponseHeader>
0168	<BatchItem>
0169	<Operation type="Enumeration" value="Destroy"/>
0170	<ResultStatus type="Enumeration" value="Success"/>
0171	<ResponsePayload>
0172	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0173	</ResponsePayload>
0174	</BatchItem>
0175	</ResponseMessage>
	# TIME 4
0176	<RequestMessage>
0177	<RequestHeader>
0178	<ProtocolVersion>
0179	<ProtocolVersionMajor type="Integer" value="1"/>
0180	<ProtocolVersionMinor type="Integer" value="2"/>
0181	</ProtocolVersion>
0182	<BatchCount type="Integer" value="1"/>
0183	</RequestHeader>
0184	<BatchItem>
0185	<Operation type="Enumeration" value="Locate"/>
0186	<RequestPayload>
0187	<Attribute>
0188	<AttributeName type="TextString" value="Unique Identifier"/>
0189	<AttributeValue type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0190	</Attribute>
0191	</RequestPayload>
0192	</BatchItem>
0193	</RequestMessage>
0194	<ResponseMessage>
0195	<ResponseHeader>
0196	<ProtocolVersion>
0197	<ProtocolVersionMajor type="Integer" value="1"/>
0198	<ProtocolVersionMinor type="Integer" value="2"/>
0199	</ProtocolVersion>
0200	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0201	<BatchCount type="Integer" value="1"/>
0202	</ResponseHeader>
0203	<BatchItem>
0204	<Operation type="Enumeration" value="Locate"/>
0205	<ResultStatus type="Enumeration" value="Success"/>
0206	<ResponsePayload>

0207	</ResponsePayload>
0208	</BatchItem>
0209	</ResponseMessage>

268

269 **3.3.83.8.4 SKFF-M-8-12**

270 Create, Locate, Get, Destroy, Locate DES3-168

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="2"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-M-8-12"/>
0018	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0019	</AttributeValue>
0020	</Attribute>
0021	<Attribute>
0022	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0023	<AttributeValue type="Enumeration" value="DES3"/>
0024	</Attribute>
0025	<Attribute>
0026	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0027	<AttributeValue type="Integer" value="168"/>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic
	Usage Mask"/>
0031	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0032	</Attribute>
0033	<Attribute>
0034	<AttributeName type="TextString" value="Contact
	Information"/>
0035	<AttributeValue type="TextString" value="Joe"/>
0036	</Attribute>
0037	</TemplateAttribute>
0038	</RequestPayload>
0039	</BatchItem>
0040	</RequestMessage>
0041	<ResponseMessage>
0042	<ResponseHeader>
0043	<ProtocolVersion>

0044	<ProtocolVersionMajor type="Integer" value="1"/>
0045	<ProtocolVersionMinor type="Integer" value="2"/>
0046	</ProtocolVersion>
0047	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0048	<BatchCount type="Integer" value="1"/>
0049	</ResponseHeader>
0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString"
0056	value="\$UNIQUE_IDENTIFIER_0"/>
0057	</ResponsePayload>
0058	</BatchItem>
	</ResponseMessage>
	# TIME 1
0059	<RequestMessage>
0060	<RequestHeader>
0061	<ProtocolVersion>
0062	<ProtocolVersionMajor type="Integer" value="1"/>
0063	<ProtocolVersionMinor type="Integer" value="2"/>
0064	</ProtocolVersion>
0065	<BatchCount type="Integer" value="1"/>
0066	</RequestHeader>
0067	<BatchItem>
0068	<Operation type="Enumeration" value="Locate"/>
0069	<RequestPayload>
0070	<Attribute>
0071	<AttributeName type="TextString" value="Object Type"/>
0072	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0073	</Attribute>
0074	<Attribute>
0075	<AttributeName type="TextString" value="Name"/>
0076	<AttributeValue>
0077	<NameValue type="TextString" value="SKFF-M-8-12"/>
0078	<NameType type="Enumeration"
0079	value="UninterpretedTextString"/>
0080	</AttributeValue>
0081	</Attribute>
0082	</RequestPayload>
0083	</BatchItem>
	</RequestMessage>
0084	<ResponseMessage>
0085	<ResponseHeader>
0086	<ProtocolVersion>
0087	<ProtocolVersionMajor type="Integer" value="1"/>
0088	<ProtocolVersionMinor type="Integer" value="2"/>
0089	</ProtocolVersion>
0090	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0091	<BatchCount type="Integer" value="1"/>
0092	</ResponseHeader>
0093	<BatchItem>
0094	<Operation type="Enumeration" value="Locate"/>
0095	<ResultStatus type="Enumeration" value="Success"/>
0096	<ResponsePayload>
0097	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>

0098	</ResponsePayload>
0099	</BatchItem>
0100	</ResponseMessage>
0101	# TIME 2
0102	<RequestMessage>
0103	<RequestHeader>
0104	<ProtocolVersion>
0105	<ProtocolVersionMajor type="Integer" value="1"/>
0106	<ProtocolVersionMinor type="Integer" value="2"/>
0107	</ProtocolVersion>
0108	<BatchCount type="Integer" value="1"/>
0109	</BatchCount>
0110	<RequestPayload>
0111	<UniqueIdentifier type="TextString"
0112	value="\$UNIQUE_IDENTIFIER_0"/>
0113	</RequestPayload>
0114	</BatchItem>
0115	</RequestMessage>
0116	<ResponseMessage>
0117	<ResponseHeader>
0118	<ProtocolVersion>
0119	<ProtocolVersionMajor type="Integer" value="1"/>
0120	<ProtocolVersionMinor type="Integer" value="2"/>
0121	</ProtocolVersion>
0122	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0123	<BatchCount type="Integer" value="1"/>
0124	</BatchCount>
0125	<ResponsePayload>
0126	<Operation type="Enumeration" value="Get"/>
0127	<ResultStatus type="Enumeration" value="Success"/>
0128	<ResponsePayload>
0129	<ObjectType type="Enumeration" value="SymmetricKey"/>
0130	<UniqueIdentifier type="TextString"
0131	value="\$UNIQUE_IDENTIFIER_0"/>
0132	<SymmetricKey>
0133	<KeyBlock>
0134	<KeyFormatType type="Enumeration" value="Raw"/>
0135	<KeyMaterial type="ByteString"
0136	value="7367578051012a6d134a855e25c8cd5e4ca131455729d3c8"/>
0137	</KeyMaterial>
0138	<CryptographicAlgorithm type="Enumeration" value="DES3"/>
0139	<CryptographicLength type="Integer" value="168"/>
0140	</CryptographicLength>
0141	</KeyBlock>
0142	</SymmetricKey>
0143	</ResponsePayload>
0144	</BatchItem>
0145	</ResponseMessage>
0146	# TIME 3
0147	<RequestMessage>
0148	<RequestHeader>
0149	<ProtocolVersion>
0150	<ProtocolVersionMajor type="Integer" value="1"/>
	<ProtocolVersionMinor type="Integer" value="2"/>
	</ProtocolVersion>
	<BatchCount type="Integer" value="1"/>

0151	</RequestHeader>
0152	<BatchItem>
0153	<Operation type="Enumeration" value="Destroy"/>
0154	<RequestPayload>
0155	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0156	</RequestPayload>
0157	</BatchItem>
0158	</RequestMessage>
0159	<ResponseMessage>
0160	<ResponseHeader>
0161	<ProtocolVersion>
0162	<ProtocolVersionMajor type="Integer" value="1"/>
0163	<ProtocolVersionMinor type="Integer" value="2"/>
0164	</ProtocolVersion>
0165	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0166	<BatchCount type="Integer" value="1"/>
0167	</ResponseHeader>
0168	<BatchItem>
0169	<Operation type="Enumeration" value="Destroy"/>
0170	<ResultStatus type="Enumeration" value="Success"/>
0171	<ResponsePayload>
0172	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0173	</ResponsePayload>
0174	</BatchItem>
0175	</ResponseMessage>
	# TIME 4
0176	<RequestMessage>
0177	<RequestHeader>
0178	<ProtocolVersion>
0179	<ProtocolVersionMajor type="Integer" value="1"/>
0180	<ProtocolVersionMinor type="Integer" value="2"/>
0181	</ProtocolVersion>
0182	<BatchCount type="Integer" value="1"/>
0183	</RequestHeader>
0184	<BatchItem>
0185	<Operation type="Enumeration" value="Locate"/>
0186	<RequestPayload>
0187	<Attribute>
0188	<AttributeName type="TextString" value="Unique Identifier"/>
0189	<AttributeValue type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0190	</Attribute>
0191	</RequestPayload>
0192	</BatchItem>
0193	</RequestMessage>
0194	<ResponseMessage>
0195	<ResponseHeader>
0196	<ProtocolVersion>
0197	<ProtocolVersionMajor type="Integer" value="1"/>
0198	<ProtocolVersionMinor type="Integer" value="2"/>
0199	</ProtocolVersion>
0200	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0201	<BatchCount type="Integer" value="1"/>
0202	</ResponseHeader>
0203	<BatchItem>
0204	<Operation type="Enumeration" value="Locate"/>

0205	<ResultStatus type="Enumeration" value="Success"/>
0206	<ResponsePayload>
0207	</ResponsePayload>
0208	</BatchItem>
0209	</ResponseMessage>

271

272 3.9 Mandatory Test Cases KMIP v1.2 - Advanced

273 3.3.93.9.1 SKFF-M-9-12

274 Create, Get, Activate, Revoke, Locate, Add/Mod/Del Attributes, Destroy AES-128

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="2"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0016	<AttributeValue type="Enumeration" value="AES"/>
0017	</Attribute>
0018	<Attribute>
0019	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0020	<AttributeValue type="Integer" value="128"/>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Name"/>
0024	<AttributeValue>
0025	<NameValue type="TextString" value="SKFF-M-9-12"/>
0026	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0027	</AttributeValue>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic
	Usage Mask"/>
0031	<AttributeValue type="Integer" value="Encrypt"/>
0032	</Attribute>
0033	</TemplateAttribute>
0034	</RequestPayload>
0035	</BatchItem>
0036	</RequestMessage>
0037	<ResponseMessage>
0038	<ResponseHeader>
0039	<ProtocolVersion>
0040	<ProtocolVersionMajor type="Integer" value="1"/>

0041	<ProtocolVersionMinor type="Integer" value="2"/>
0042	</ProtocolVersion>
0043	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0044	<BatchCount type="Integer" value="1"/>
0045	</ResponseHeader>
0046	<BatchItem>
0047	<Operation type="Enumeration" value="Create"/>
0048	<ResultStatus type="Enumeration" value="Success"/>
0049	<ResponsePayload>
0050	<ObjectType type="Enumeration" value="SymmetricKey"/>
0051	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0052	</ResponsePayload>
0053	</BatchItem>
0054	</ResponseMessage>
# TIME 1	
0055	<RequestMessage>
0056	<RequestHeader>
0057	<ProtocolVersion>
0058	<ProtocolVersionMajor type="Integer" value="1"/>
0059	<ProtocolVersionMinor type="Integer" value="2"/>
0060	</ProtocolVersion>
0061	<BatchCount type="Integer" value="1"/>
0062	</RequestHeader>
0063	<BatchItem>
0064	<Operation type="Enumeration" value="GetAttributes"/>
0065	<RequestPayload>
0066	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0067	<AttributeName type="TextString" value="State"/>
0068	</RequestPayload>
0069	</BatchItem>
0070	</RequestMessage>
0071	<ResponseMessage>
0072	<ResponseHeader>
0073	<ProtocolVersion>
0074	<ProtocolVersionMajor type="Integer" value="1"/>
0075	<ProtocolVersionMinor type="Integer" value="2"/>
0076	</ProtocolVersion>
0077	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0078	<BatchCount type="Integer" value="1"/>
0079	</ResponseHeader>
0080	<BatchItem>
0081	<Operation type="Enumeration" value="GetAttributes"/>
0082	<ResultStatus type="Enumeration" value="Success"/>
0083	<ResponsePayload>
0084	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0085	<Attribute>
0086	<AttributeName type="TextString" value="State"/>
0087	<AttributeValue type="Enumeration" value="PreActive"/>
0088	</Attribute>
0089	</ResponsePayload>
0090	</BatchItem>
0091	</ResponseMessage>
# TIME 2	
0092	<RequestMessage>
0093	<RequestHeader>

0094	<ProtocolVersion>
0095	<ProtocolVersionMajor type="Integer" value="1"/>
0096	<ProtocolVersionMinor type="Integer" value="2"/>
0097	</ProtocolVersion>
0098	<BatchCount type="Integer" value="1"/>
0099	</RequestHeader>
0100	<BatchItem>
0101	<Operation type="Enumeration" value="Activate"/>
0102	<RequestPayload>
0103	<UniqueIdentifier type="TextString"
0104	value="\$UNIQUE_IDENTIFIER_0"/>
0105	</RequestPayload>
0106	</BatchItem>
0107	</RequestMessage>
0108	<ResponseMessage>
0109	<ResponseHeader>
0110	<ProtocolVersion>
0111	<ProtocolVersionMajor type="Integer" value="1"/>
0112	<ProtocolVersionMinor type="Integer" value="2"/>
0113	</ProtocolVersion>
0114	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0115	<BatchCount type="Integer" value="1"/>
0116	</ResponseHeader>
0117	<BatchItem>
0118	<Operation type="Enumeration" value="Activate"/>
0119	<ResultStatus type="Enumeration" value="Success"/>
0120	<ResponsePayload>
0121	<UniqueIdentifier type="TextString"
0122	value="\$UNIQUE_IDENTIFIER_0"/>
0123	</ResponsePayload>
0124	</BatchItem>
0125	</ResponseMessage>
0126	# TIME 3
0127	<RequestMessage>
0128	<RequestHeader>
0129	<ProtocolVersion>
0130	<ProtocolVersionMajor type="Integer" value="1"/>
0131	<ProtocolVersionMinor type="Integer" value="2"/>
0132	</ProtocolVersion>
0133	<BatchCount type="Integer" value="1"/>
0134	</RequestHeader>
0135	<BatchItem>
0136	<Operation type="Enumeration" value="GetAttributes"/>
0137	<RequestPayload>
0138	<UniqueIdentifier type="TextString"
0139	value="\$UNIQUE_IDENTIFIER_0"/>
0140	<AttributeName type="TextString" value="State"/>
0141	</RequestPayload>
0142	</BatchItem>
0143	</RequestMessage>
0144	<ResponseMessage>
0145	<ResponseHeader>
0146	<ProtocolVersion>
0147	<ProtocolVersionMajor type="Integer" value="1"/>
	<ProtocolVersionMinor type="Integer" value="2"/>
	</ProtocolVersion>
	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
	<BatchCount type="Integer" value="1"/>

0148	</ResponseHeader>
0149	<BatchItem>
0150	<Operation type="Enumeration" value="GetAttributes"/>
0151	<ResultStatus type="Enumeration" value="Success"/>
0152	<ResponsePayload>
0153	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0154	<Attribute>
0155	<AttributeName type="TextString" value="State"/>
0156	<AttributeValue type="Enumeration" value="Active"/>
0157	</Attribute>
0158	</ResponsePayload>
0159	</BatchItem>
0160	</ResponseMessage>
# TIME 4	
0161	<RequestMessage>
0162	<RequestHeader>
0163	<ProtocolVersion>
0164	<ProtocolVersionMajor type="Integer" value="1"/>
0165	<ProtocolVersionMinor type="Integer" value="2"/>
0166	</ProtocolVersion>
0167	<BatchCount type="Integer" value="1"/>
0168	</RequestHeader>
0169	<BatchItem>
0170	<Operation type="Enumeration" value="Locate"/>
0171	<RequestPayload>
0172	<Attribute>
0173	<AttributeName type="TextString" value="Object Type"/>
0174	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0175	</Attribute>
0176	<Attribute>
0177	<AttributeName type="TextString" value="Name"/>
0178	<AttributeValue>
0179	<NameValue type="TextString" value="SKFF-M-9-12"/>
0180	<NameType type="Enumeration" value="UninterpretedTextString"/>
0181	</AttributeValue>
0182	</Attribute>
0183	</RequestPayload>
0184	</BatchItem>
0185	</RequestMessage>
0186	<ResponseMessage>
0187	<ResponseHeader>
0188	<ProtocolVersion>
0189	<ProtocolVersionMajor type="Integer" value="1"/>
0190	<ProtocolVersionMinor type="Integer" value="2"/>
0191	</ProtocolVersion>
0192	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0193	<BatchCount type="Integer" value="1"/>
0194	</ResponseHeader>
0195	<BatchItem>
0196	<Operation type="Enumeration" value="Locate"/>
0197	<ResultStatus type="Enumeration" value="Success"/>
0198	<ResponsePayload>
0199	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0200	</ResponsePayload>
0201	</BatchItem>

0202	</ResponseMessage>
	# TIME 5
0203	<RequestMessage>
0204	<RequestHeader>
0205	<ProtocolVersion>
0206	<ProtocolVersionMajor type="Integer" value="1"/>
0207	<ProtocolVersionMinor type="Integer" value="2"/>
0208	</ProtocolVersion>
0209	<BatchCount type="Integer" value="1"/>
0210	</RequestHeader>
0211	<BatchItem>
0212	<Operation type="Enumeration" value="Get"/>
0213	<RequestPayload>
0214	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0215	</RequestPayload>
0216	</BatchItem>
0217	</RequestMessage>
0218	<ResponseMessage>
0219	<ResponseHeader>
0220	<ProtocolVersion>
0221	<ProtocolVersionMajor type="Integer" value="1"/>
0222	<ProtocolVersionMinor type="Integer" value="2"/>
0223	</ProtocolVersion>
0224	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0225	<BatchCount type="Integer" value="1"/>
0226	</ResponseHeader>
0227	<BatchItem>
0228	<Operation type="Enumeration" value="Get"/>
0229	<ResultStatus type="Enumeration" value="Success"/>
0230	<ResponsePayload>
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	value="9c7d7c4fd2076f1909a6ba4342cab1de"/>
0238	</KeyValue>
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0240	<CryptographicLength type="Integer" value="128"/>
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0254	<BatchItem>

0255	<Operation type="Enumeration" value="Revoke"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0258	<RevocationReason>
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	value="KeyCompromise"/>
0260	</RevocationReason>
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	01T00:00:06+00:00"/>
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0276	<ResultStatus type="Enumeration" value="Success"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0349	<AttributeName type="TextString" value="Object Type"/>
0350	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0351	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0352	<AttributeName type="TextString" value="Activation Date"/>
0353	<AttributeName type="TextString" value="Compromise Date"/>
0354	<AttributeName type="TextString" value="Compromise Occurrence
	Date"/>
0355	<AttributeName type="TextString" value="Cryptographic Usage
	Mask"/>
0356	<AttributeName type="TextString" value="Digest"/>

0357	<AttributeName type="TextString" value="Fresh"/>
0358	<AttributeName type="TextString" value="Initial Date"/>
0359	<AttributeName type="TextString" value="Last Change Date"/>
0360	<AttributeName type="TextString" value="Lease Time"/>
0361	<AttributeName type="TextString" value="Name"/>
0362	<AttributeName type="TextString" value="Original Creation
	Date"/>
0363	<AttributeName type="TextString" value="Revocation Reason"/>
0364	<AttributeName type="TextString" value="State"/>
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0453	<AttributeValue type="TextString" value="Value1"/>
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0549	</RequestPayload>
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0666	</ResponsePayload>
0667	</BatchItem>
0668	</ResponseMessage>

275

276 3.3.103.9.2 SKFF-M-10-12

277 Create, GetAttributes, Activate, GetAttributes, Locate, Get, Revoke, GetAttributes, GetAttributeList,
278 GetAttributes, AddAttribute, AddAttribute, ModifyAttribute, DeleteAttribute, Get, Destroy AES-128

	# TIME 0
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0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0016	<AttributeValue type="Enumeration" value="AES"/>
0017	</Attribute>
0018	<Attribute>
0019	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0020	<AttributeValue type="Integer" value="192"/>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Name"/>
0024	<AttributeValue>
0025	<NameValue type="TextString" value="SKFF-M-10-12"/>
0026	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0027	</AttributeValue>
0028	</Attribute>
0029	<Attribute>
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0087	<AttributeValue type="Enumeration" value="PreActive"/>
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0091	</ResponseMessage>
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0179	<NameValue type="TextString" value="SKFF-M-10-12"/>
0180	<NameType type="Enumeration"
0181	value="UninterpretedTextString"/>
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0238	</KeyValue>
0239	<CryptographicAlgorithm type="Enumeration" value="AES"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0259	<RevocationReasonCode type="Enumeration"
	value="KeyCompromise"/>
0260	</RevocationReason>
0261	<CompromiseOccurrenceDate type="DateTime" value="1970-01-
	01T00:00:00+00:00"/>
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0276	<ResultStatus type="Enumeration" value="Success"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0349	<AttributeName type="TextString" value="Object Type"/>
0350	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0351	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0352	<AttributeName type="TextString" value="Activation Date"/>
0353	<AttributeName type="TextString" value="Compromise Date"/>
0354	<AttributeName type="TextString" value="Compromise Occurrence
	Date"/>
0355	<AttributeName type="TextString" value="Cryptographic Usage
	Mask"/>
0356	<AttributeName type="TextString" value="Digest"/>
0357	<AttributeName type="TextString" value="Fresh"/>
0358	<AttributeName type="TextString" value="Initial Date"/>
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0360	<AttributeName type="TextString" value="Lease Time"/>
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0362	<AttributeName type="TextString" value="Revocation Reason"/>
0363	<AttributeName type="TextString" value="State"/>
0364	<AttributeName type="TextString" value="Original Creation
	Date"/>
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0530	<AttributeValue type="TextString" value="ModifiedValue2"/>
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0626	value="\$UNIQUE_IDENTIFIER_0"/>
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0630	<KeyValue>
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0633	</KeyValue>
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0635	<CryptographicLength type="Integer" value="192"/>
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0638	<RequestMessage>
0639	<RequestHeader>

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0665	<UniqueIdentifier type="TextString"
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0666	</ResponsePayload>
0667	</BatchItem>
0668	</ResponseMessage>

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280 **3.3.443.9.3 SKFF-M-11-12**

281 Create, GetAttributes, Activate, GetAttributes, Locate, Get, Revoke, GetAttributes, GetAttributeList,
 282 GetAttributes, AddAttribute, AddAttribute, ModifyAttribute, DeleteAttribute, Get, Destroy AES-256

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0008	</RequestHeader>
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0015	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0016	<AttributeValue type="Enumeration" value="AES"/>
0017	</Attribute>

0018	<Attribute>
0019	<AttributeName type="TextString" value="Cryptographic Length"/>
0020	<AttributeValue type="Integer" value="256"/>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Name"/>
0024	<AttributeValue>
0025	<NameValue type="TextString" value="SKFF-M-11-12"/>
0026	<NameType type="Enumeration" value="UninterpretedTextString"/>
0027	</AttributeValue>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic Usage Mask"/>
0031	<AttributeValue type="Integer" value="Encrypt"/>
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0049	<ResponsePayload>
0050	<ObjectType type="Enumeration" value="SymmetricKey"/>
0051	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0052	</ResponsePayload>
0053	</BatchItem>
0054	</ResponseMessage>
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0062	</RequestHeader>
0063	<BatchItem>
0064	<Operation type="Enumeration" value="GetAttributes"/>
0065	<RequestPayload>
0066	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0067	<AttributeName type="TextString" value="State"/>
0068	</RequestPayload>
0069	</BatchItem>

0070	</RequestMessage>
0071	<ResponseMessage>
0072	<ResponseHeader>
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0078	<BatchCount type="Integer" value="1"/>
0079	</ResponseHeader>
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0081	<Operation type="Enumeration" value="GetAttributes"/>
0082	<ResultStatus type="Enumeration" value="Success"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0085	<Attribute>
0086	<AttributeName type="TextString" value="State"/>
0087	<AttributeValue type="Enumeration" value="PreActive"/>
0088	</Attribute>
0089	</ResponsePayload>
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0091	</ResponseMessage>
# TIME 2	
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	value="\$UNIQUE_IDENTIFIER_0"/>
0104	</RequestPayload>
0105	</BatchItem>
0106	</RequestMessage>
0107	<ResponseMessage>
0108	<ResponseHeader>
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0114	<BatchCount type="Integer" value="1"/>
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0117	<Operation type="Enumeration" value="Activate"/>
0118	<ResultStatus type="Enumeration" value="Success"/>
0119	<ResponsePayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0121	</ResponsePayload>
0122	</BatchItem>
0123	</ResponseMessage>

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0132	</RequestHeader>
0133	<BatchItem>
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0135	<RequestPayload>
0136	<UniqueIdentifier type="TextString"
0137	value="\$UNIQUE_IDENTIFIER_0"/>
0138	<AttributeName type="TextString" value="State"/>
0139	</RequestPayload>
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0149	<BatchCount type="Integer" value="1"/>
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0154	<ResponsePayload>
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0156	value="\$UNIQUE_IDENTIFIER_0"/>
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0158	<AttributeName type="TextString" value="State"/>
0159	<AttributeValue type="Enumeration" value="Active"/>
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0161	</ResponsePayload>
0162	</BatchItem>
0163	</ResponseMessage>
0164	# TIME 4
0165	<RequestMessage>
0166	<RequestHeader>
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0169	<ProtocolVersionMinor type="Integer" value="2"/>
0170	</ProtocolVersion>
0171	<BatchCount type="Integer" value="1"/>
0172	</RequestHeader>
0173	<BatchItem>
0174	<Operation type="Enumeration" value="Locate"/>
0175	<RequestPayload>
0176	<Attribute>
0177	<AttributeName type="TextString" value="Object Type"/>
	<AttributeValue type="Enumeration" value="SymmetricKey"/>
	</Attribute>
	<Attribute>
	<AttributeName type="TextString" value="Name"/>

0178	<AttributeValue>
0179	<NameValue type="TextString" value="SKFF-M-11-12"/>
0180	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0181	</AttributeValue>
0182	</Attribute>
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0186	<ResponseMessage>
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0193	<BatchCount type="Integer" value="1"/>
0194	</ResponseHeader>
0195	<BatchItem>
0196	<Operation type="Enumeration" value="Locate"/>
0197	<ResultStatus type="Enumeration" value="Success"/>
0198	<ResponsePayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0210	</RequestHeader>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0215	</RequestPayload>
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0225	<BatchCount type="Integer" value="1"/>
0226	</ResponseHeader>
0227	<BatchItem>
0228	<Operation type="Enumeration" value="Get"/>
0229	<ResultStatus type="Enumeration" value="Success"/>
0230	<ResponsePayload>
0231	<ObjectType type="Enumeration" value="SymmetricKey"/>

0232	<UniqueIdentifier type="TextString"
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0233	<SymmetricKey>
0234	<KeyBlock>
0235	<KeyFormatType type="Enumeration" value="Raw"/>
0236	<KeyValue>
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	value="1de10496b0ef4dfa22ed858439c6b57880da74ad7a9eb476bac300a12dd187a2"/>
0238	</KeyValue>
0239	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0240	<CryptographicLength type="Integer" value="256"/>
0241	</KeyBlock>
0242	</SymmetricKey>
0243	</ResponsePayload>
0244	</BatchItem>
0245	</ResponseMessage>
	# TIME 6
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0252	<BatchCount type="Integer" value="1"/>
0253	</RequestHeader>
0254	<BatchItem>
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0256	<RequestPayload>
0257	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0258	<RevocationReason>
0259	<RevocationReasonCode type="Enumeration"
	value="KeyCompromise"/>
0260	</RevocationReason>
0261	<CompromiseOccurrenceDate type="DateTime" value="1970-01-
	01T00:00:06+00:00"/>
0262	</RequestPayload>
0263	</BatchItem>
0264	</RequestMessage>
0265	<ResponseMessage>
0266	<ResponseHeader>
0267	<ProtocolVersion>
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0272	<BatchCount type="Integer" value="1"/>
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0274	<BatchItem>
0275	<Operation type="Enumeration" value="Revoke"/>
0276	<ResultStatus type="Enumeration" value="Success"/>
0277	<ResponsePayload>
0278	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0279	</ResponsePayload>
0280	</BatchItem>
0281	</ResponseMessage>

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0283	<RequestMessage>
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0292	<RequestPayload>
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0294	value="\$UNIQUE_IDENTIFIER_0"/>
0295	<AttributeName type="TextString" value="State"/>
0296	</AttributeName>
0297	</RequestPayload>
0298	</BatchItem>
0299	</RequestMessage>
0300	<ResponseMessage>
0301	<ResponseHeader>
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0307	<BatchCount type="Integer" value="1"/>
0308	</BatchCount>
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0313	value="\$UNIQUE_IDENTIFIER_0"/>
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0315	<AttributeName type="TextString" value="State"/>
0316	<AttributeValue type="Enumeration" value="Compromised"/>
0317	</AttributeValue>
0318	</Attribute>
0319	</ResponsePayload>
0320	</BatchItem>
0321	</ResponseMessage>
0322	# TIME 8
0323	<RequestMessage>
0324	<RequestHeader>
0325	<ProtocolVersion>
0326	<ProtocolVersionMajor type="Integer" value="1"/>
0327	<ProtocolVersionMinor type="Integer" value="2"/>
0328	</ProtocolVersion>
0329	<BatchCount type="Integer" value="1"/>
0330	</BatchCount>
0331	<Operation type="Enumeration" value="GetAttributeList"/>
0332	<RequestPayload>
0333	<UniqueIdentifier type="TextString"
0334	value="\$UNIQUE_IDENTIFIER_0"/>
0335	</RequestPayload>
0336	</BatchItem>
0337	</RequestMessage>
0338	<ResponseMessage>

0335	<ResponseHeader>
0336	<ProtocolVersion>
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0341	<BatchCount type="Integer" value="1"/>
0342	</ResponseHeader>
0343	<BatchItem>
0344	<Operation type="Enumeration" value="GetAttributeList"/>
0345	<ResultStatus type="Enumeration" value="Success"/>
0346	<ResponsePayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0348	<AttributeName type="TextString" value="Unique Identifier"/>
0349	<AttributeName type="TextString" value="Object Type"/>
0350	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0351	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0352	<AttributeName type="TextString" value="Activation Date"/>
0353	<AttributeName type="TextString" value="Compromise Date"/>
0354	<AttributeName type="TextString" value="Compromise Occurrence
	Date"/>
0355	<AttributeName type="TextString" value="Cryptographic Usage
	Mask"/>
0356	<AttributeName type="TextString" value="Digest"/>
0357	<AttributeName type="TextString" value="Fresh"/>
0358	<AttributeName type="TextString" value="Initial Date"/>
0359	<AttributeName type="TextString" value="Last Change Date"/>
0360	<AttributeName type="TextString" value="Lease Time"/>
0361	<AttributeName type="TextString" value="Name"/>
0362	<AttributeName type="TextString" value="Revocation Reason"/>
0363	<AttributeName type="TextString" value="State"/>
0364	<AttributeName type="TextString" value="Original Creation
	Date"/>
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0367	</ResponseMessage>
	# TIME 9
0368	<RequestMessage>
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0378	<RequestPayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0381	</RequestPayload>
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0391	<BatchCount type="Integer" value="1"/>
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0393	<BatchItem>
0394	<Operation type="Enumeration" value="GetAttributes"/>
0395	<ResultStatus type="Enumeration" value="Success"/>
0396	<ResponsePayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0398	<Attribute>
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0400	<AttributeValue type="Enumeration" value="Compromised"/>
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0404	</ResponseMessage>
# TIME 10	
0405	<RequestMessage>
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0412	</RequestHeader>
0413	<BatchItem>
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0415	<UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0416	<RequestPayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0418	<Attribute>
0419	<AttributeName type="TextString" value="x-attribute1"/>
0420	<AttributeValue type="TextString" value="Value1"/>
0421	</Attribute>
0422	</RequestPayload>
0423	</BatchItem>
0424	<BatchItem>
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0426	<UniqueBatchItemID type="ByteString" value="9b898dc0577f8080"/>
0427	<RequestPayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0429	<Attribute>
0430	<AttributeName type="TextString" value="x-attribute2"/>
0431	<AttributeValue type="TextString" value="Value2"/>
0432	</Attribute>
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0434	</BatchItem>
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0443	<BatchCount type="Integer" value="2"/>
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0448	<ResultStatus type="Enumeration" value="Success"/>
0449	<ResponsePayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0451	<Attribute>
0452	<AttributeName type="TextString" value="x-attribute1"/>
0453	<AttributeValue type="TextString" value="Value1"/>
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0455	</ResponsePayload>
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0461	<ResponsePayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0463	<Attribute>
0464	<AttributeName type="TextString" value="x-attribute2"/>
0465	<AttributeValue type="TextString" value="Value2"/>
0466	</Attribute>
0467	</ResponsePayload>
0468	</BatchItem>
0469	</ResponseMessage>
	# TIME 11
0470	<RequestMessage>
0471	<RequestHeader>
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0477	</RequestHeader>
0478	<BatchItem>
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0480	<UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>
0481	<RequestPayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0483	<Attribute>
0484	<AttributeName type="TextString" value="x-attribute1"/>
0485	<AttributeValue type="TextString" value="ModifiedValue1"/>
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0517	<AttributeName type="TextString" value="x-attribute1"/>
0518	<AttributeValue type="TextString" value="ModifiedValue1"/>
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0525	<ResultStatus type="Enumeration" value="Success"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0529	<AttributeName type="TextString" value="x-attribute2"/>
0530	<AttributeValue type="TextString" value="ModifiedValue2"/>
0531	</Attribute>
0532	</ResponsePayload>
0533	</BatchItem>
0534	</ResponseMessage>
	# TIME 12
0535	<RequestMessage>
0536	<RequestHeader>
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0542	</RequestHeader>
0543	<BatchItem>
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0545	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0546	<RequestPayload>

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0548	value="\$UNIQUE_IDENTIFIER_0"/>
0549	<AttributeName type="TextString" value="x-attribute1"/>
0550	</RequestPayload>
0551	</BatchItem>
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0556	<UniqueIdentifier type="TextString"
0557	value="\$UNIQUE_IDENTIFIER_0"/>
0558	<AttributeName type="TextString" value="x-attribute2"/>
0559	</RequestPayload>
0560	</BatchItem>
0561	</RequestMessage>
0562	<ResponseMessage>
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0577	value="\$UNIQUE_IDENTIFIER_0"/>
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0579	<AttributeName type="TextString" value="x-attribute1"/>
0580	<AttributeValue type="TextString" value="ModifiedValue1"/>
0581	</Attribute>
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0590	value="\$UNIQUE_IDENTIFIER_0"/>
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0592	<AttributeName type="TextString" value="x-attribute2"/>
0593	<AttributeValue type="TextString" value="ModifiedValue2"/>
0594	</Attribute>
0595	</ResponsePayload>
0596	</BatchItem>
0597	</ResponseMessage>
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0599	<RequestMessage>
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0601	</RequestHeader>
0602	<BatchItem>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0606	</RequestPayload>
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0609	<ResponseMessage>
0610	<ResponseHeader>
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0616	<BatchCount type="Integer" value="1"/>
0617	</ResponseHeader>
0618	<BatchItem>
0619	<Operation type="Enumeration" value="Get"/>
0620	<ResultStatus type="Enumeration" value="Success"/>
0621	<ResponsePayload>
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0623	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0624	<SymmetricKey>
0625	<KeyBlock>
0626	<KeyFormatType type="Enumeration" value="Raw"/>
0627	<KeyValue>
0628	<KeyMaterial type="ByteString"
	value="1de10496b0ef4dfa22ed858439c6b57880da74ad7a9eb476bac300a12dd187a2"/>
0629	</KeyValue>
0630	<CryptographicAlgorithm type="Enumeration" value="AES"/>
0631	<CryptographicLength type="Integer" value="256"/>
0632	</KeyBlock>
0633	</SymmetricKey>
0634	</ResponsePayload>
0635	</BatchItem>
0636	</ResponseMessage>
	# TIME 14
0637	<RequestMessage>
0638	<RequestHeader>
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0642	</ProtocolVersion>
0643	<BatchCount type="Integer" value="1"/>
0644	</RequestHeader>
0645	<BatchItem>
0646	<Operation type="Enumeration" value="Destroy"/>
0647	<RequestPayload>
0648	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0649	</RequestPayload>
0650	</BatchItem>
0651	</RequestMessage>

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0652 <ResponseMessage>
0653   <ResponseHeader>
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0655       <ProtocolVersionMajor type="Integer" value="1"/>
0656       <ProtocolVersionMinor type="Integer" value="2"/>
0657     </ProtocolVersion>
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0659     <BatchCount type="Integer" value="1"/>
0660   </ResponseHeader>
0661   <BatchItem>
0662     <Operation type="Enumeration" value="Destroy"/>
0663     <ResultStatus type="Enumeration" value="Success"/>
0664     <ResponsePayload>
0665       <UniqueIdentifier type="TextString"
value="$UNIQUE_IDENTIFIER_0"/>
0666     </ResponsePayload>
0667   </BatchItem>
0668 </ResponseMessage>

```

283

284 **3.3.123.9.4 SKFF-M-12-12**

285 Create, GetAttributes, Activate, GetAttributes, Locate, Get, Revoke, GetAttributes, GetAttributeList,
286 GetAttributes, AddAttribute, AddAttribute, ModifyAttribute, DeleteAttribute, Get, Destroy 3DES-168

```

# TIME 0
0001 <RequestMessage>
0002   <RequestHeader>
0003     <ProtocolVersion>
0004       <ProtocolVersionMajor type="Integer" value="1"/>
0005       <ProtocolVersionMinor type="Integer" value="2"/>
0006     </ProtocolVersion>
0007     <BatchCount type="Integer" value="1"/>
0008   </RequestHeader>
0009   <BatchItem>
0010     <Operation type="Enumeration" value="Create"/>
0011     <RequestPayload>
0012       <ObjectType type="Enumeration" value="SymmetricKey"/>
0013       <TemplateAttribute>
0014         <Attribute>
0015           <AttributeName type="TextString" value="Cryptographic
Algorithm"/>
0016           <AttributeValue type="Enumeration" value="DES3"/>
0017         </Attribute>
0018         <Attribute>
0019           <AttributeName type="TextString" value="Cryptographic
Length"/>
0020           <AttributeValue type="Integer" value="168"/>
0021         </Attribute>
0022         <Attribute>
0023           <AttributeName type="TextString" value="Name"/>
0024           <AttributeValue>
0025             <NameValue type="TextString" value="SKFF-M-12-12"/>
0026             <NameType type="Enumeration"
value="UninterpretedTextString"/>
0027           </AttributeValue>
0028         </Attribute>
0029       </RequestPayload>

```

0030	<AttributeName type="TextString" value="Cryptographic Usage Mask"/>
0031	<AttributeValue type="Integer" value="Encrypt"/>
0032	</Attribute>
0033	</TemplateAttribute>
0034	</RequestPayload>
0035	</BatchItem>
0036	</RequestMessage>
0037	<ResponseMessage>
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0040	<ProtocolVersionMajor type="Integer" value="1"/>
0041	<ProtocolVersionMinor type="Integer" value="2"/>
0042	</ProtocolVersion>
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0045	</ResponseHeader>
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0048	<ResultStatus type="Enumeration" value="Success"/>
0049	<ResponsePayload>
0050	<ObjectType type="Enumeration" value="SymmetricKey"/>
0051	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0052	</ResponsePayload>
0053	</BatchItem>
0054	</ResponseMessage>
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0056	<RequestMessage>
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0061	</ProtocolVersion>
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0063	</RequestHeader>
0064	<BatchItem>
0065	<Operation type="Enumeration" value="GetAttributes"/>
0066	<RequestPayload>
0067	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0068	<AttributeName type="TextString" value="State"/>
0069	</RequestPayload>
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0071	</RequestMessage>
0072	<ResponseMessage>
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0077	</ProtocolVersion>
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0079	<BatchCount type="Integer" value="1"/>
0080	</ResponseHeader>
0081	<BatchItem>
0082	<Operation type="Enumeration" value="GetAttributes"/>
0083	<ResultStatus type="Enumeration" value="Success"/>
0084	<ResponsePayload>

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	value="\$UNIQUE_IDENTIFIER_0"/>
0085	<Attribute>
0086	<AttributeName type="TextString" value="State"/>
0087	<AttributeValue type="Enumeration" value="PreActive"/>
0088	</Attribute>
0089	</ResponsePayload>
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0099	</RequestHeader>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0104	</RequestPayload>
0105	</BatchItem>
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0114	<BatchCount type="Integer" value="1"/>
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0117	<Operation type="Enumeration" value="Activate"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0121	</ResponsePayload>
0122	</BatchItem>
0123	</ResponseMessage>
# TIME 3	
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0131	</RequestHeader>
0132	<BatchItem>
0133	<Operation type="Enumeration" value="GetAttributes"/>
0134	<RequestPayload>
0135	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>

0136	<AttributeName type="TextString" value="State"/>
0137	</RequestPayload>
0138	</BatchItem>
0139	</RequestMessage>
0140	<ResponseMessage>
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0147	<BatchCount type="Integer" value="1"/>
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0149	<BatchItem>
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0151	<ResultStatus type="Enumeration" value="Success"/>
0152	<ResponsePayload>
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0154	<Attribute>
0155	<AttributeName type="TextString" value="State"/>
0156	<AttributeValue type="Enumeration" value="Active"/>
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0158	</ResponsePayload>
0159	</BatchItem>
0160	</ResponseMessage>
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0166	</ProtocolVersion>
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0168	</RequestHeader>
0169	<BatchItem>
0170	<Operation type="Enumeration" value="Locate"/>
0171	<RequestPayload>
0172	<Attribute>
0173	<AttributeName type="TextString" value="Object Type"/>
0174	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0175	</Attribute>
0176	<Attribute>
0177	<AttributeName type="TextString" value="Name"/>
0178	<AttributeValue>
0179	<NameValue type="TextString" value="SKFF-M-12-12"/>
0180	<NameType type="Enumeration" value="UninterpretedTextString"/>
0181	</AttributeValue>
0182	</Attribute>
0183	</RequestPayload>
0184	</BatchItem>
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0186	<ResponseMessage>
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0189	<ProtocolVersionMajor type="Integer" value="1"/>
0190	<ProtocolVersionMinor type="Integer" value="2"/>

0191	</ProtocolVersion>
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0193	<BatchCount type="Integer" value="1"/>
0194	</ResponseHeader>
0195	<BatchItem>
0196	<Operation type="Enumeration" value="Locate"/>
0197	<ResultStatus type="Enumeration" value="Success"/>
0198	<ResponsePayload>
0199	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0200	</ResponsePayload>
0201	</BatchItem>
0202	</ResponseMessage>
# TIME 5	
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0208	</ProtocolVersion>
0209	<BatchCount type="Integer" value="1"/>
0210	</RequestHeader>
0211	<BatchItem>
0212	<Operation type="Enumeration" value="Get"/>
0213	<RequestPayload>
0214	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0215	</RequestPayload>
0216	</BatchItem>
0217	</RequestMessage>
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0225	<BatchCount type="Integer" value="1"/>
0226	</ResponseHeader>
0227	<BatchItem>
0228	<Operation type="Enumeration" value="Get"/>
0229	<ResultStatus type="Enumeration" value="Success"/>
0230	<ResponsePayload>
0231	<ObjectType type="Enumeration" value="SymmetricKey"/>
0232	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0233	<SymmetricKey>
0234	<KeyBlock>
0235	<KeyFormatType type="Enumeration" value="Raw"/>
0236	<KeyValue>
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	value="ea9dc7c4e5d92a3b5bbf0b1c8c136e20eca137a88afb9745"/>
0238	</KeyValue>
0239	<CryptographicAlgorithm type="Enumeration" value="DES3"/>
0240	<CryptographicLength type="Integer" value="168"/>
0241	</KeyBlock>
0242	</SymmetricKey>
0243	</ResponsePayload>

0244	</BatchItem>
0245	</ResponseMessage>
0246	# TIME 6
0247	<RequestMessage>
0248	<RequestHeader>
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0259	value="\$UNIQUE_IDENTIFIER_0"/>
0260	<RevocationReason>
0261	<RevocationReasonCode type="Enumeration"
0262	value="KeyCompromise"/>
0263	</RevocationReason>
0264	<CompromiseOccurrenceDate type="DateTime" value="1970-01-01T00:00:06+00:00"/>
0265	</RequestPayload>
0266	</BatchItem>
0267	</RequestMessage>
0268	<ResponseMessage>
0269	<ResponseHeader>
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0272	<ProtocolVersionMinor type="Integer" value="2"/>
0273	</ProtocolVersion>
0274	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0275	<BatchCount type="Integer" value="1"/>
0276	</ResponseHeader>
0277	<BatchItem>
0278	<Operation type="Enumeration" value="Revoke"/>
0279	<ResultStatus type="Enumeration" value="Success"/>
0280	<ResponsePayload>
0281	<UniqueIdentifier type="TextString"
0282	value="\$UNIQUE_IDENTIFIER_0"/>
0283	</ResponsePayload>
0284	</BatchItem>
0285	</ResponseMessage>
0286	# TIME 7
0287	<RequestMessage>
0288	<RequestHeader>
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0296	<Operation type="Enumeration" value="GetAttributes"/>
0297	<RequestPayload>
0298	<UniqueIdentifier type="TextString"
0299	value="\$UNIQUE_IDENTIFIER_0"/>
0300	<AttributeName type="TextString" value="State"/>

0295	</RequestPayload>
0296	</BatchItem>
0297	</RequestMessage>
0298	<ResponseMessage>
0299	<ResponseHeader>
0300	<ProtocolVersion>
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0305	<BatchCount type="Integer" value="1"/>
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0307	<BatchItem>
0308	<Operation type="Enumeration" value="GetAttributes"/>
0309	<ResultStatus type="Enumeration" value="Success"/>
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0312	<Attribute>
0313	<AttributeName type="TextString" value="State"/>
0314	<AttributeValue type="Enumeration" value="Compromised"/>
0315	</Attribute>
0316	</ResponsePayload>
0317	</BatchItem>
0318	</ResponseMessage>
# TIME 8	
0319	<RequestMessage>
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0326	</RequestHeader>
0327	<BatchItem>
0328	<Operation type="Enumeration" value="GetAttributeList"/>
0329	<RequestPayload>
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0331	</RequestPayload>
0332	</BatchItem>
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0339	</ProtocolVersion>
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0341	<BatchCount type="Integer" value="1"/>
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0343	<BatchItem>
0344	<Operation type="Enumeration" value="GetAttributeList"/>
0345	<ResultStatus type="Enumeration" value="Success"/>
0346	<ResponsePayload>
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0348	<AttributeName type="TextString" value="Unique Identifier"/>

0349	<AttributeName type="TextString" value="Object Type"/>
0350	<AttributeName type="TextString" value="Cryptographic
0351	Algorithm"/>
0352	<AttributeName type="TextString" value="Cryptographic
0353	Length"/>
0354	<AttributeName type="TextString" value="Activation Date"/>
0355	<AttributeName type="TextString" value="Compromise Date"/>
0356	<AttributeName type="TextString" value="Compromise Occurrence
0357	Date"/>
0358	<AttributeName type="TextString" value="Cryptographic Usage
0359	Mask"/>
0360	<AttributeName type="TextString" value="Digest"/>
0361	<AttributeName type="TextString" value="Fresh"/>
0362	<AttributeName type="TextString" value="Initial Date"/>
0363	<AttributeName type="TextString" value="Last Change Date"/>
0364	<AttributeName type="TextString" value="Lease Time"/>
0365	<AttributeName type="TextString" value="Name"/>
0366	<AttributeName type="TextString" value="Revocation Reason"/>
0367	<AttributeName type="TextString" value="State"/>
0368	<AttributeName type="TextString" value="Original Creation
0369	Date"/>
0370	</ResponsePayload>
0371	</BatchItem>
0372	</ResponseMessage>
0373	# TIME 9
0374	<RequestMessage>
0375	<RequestHeader>
0376	<ProtocolVersion>
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0378	<ProtocolVersionMinor type="Integer" value="2"/>
0379	</ProtocolVersion>
0380	<BatchCount type="Integer" value="1"/>
0381	</RequestHeader>
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0383	<Operation type="Enumeration" value="GetAttributes"/>
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0386	value="\$UNIQUE_IDENTIFIER_0"/>
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0388	</RequestPayload>
0389	</BatchItem>
0390	</RequestMessage>
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0398	<BatchCount type="Integer" value="1"/>
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0402	<ResultStatus type="Enumeration" value="Success"/>
0403	<ResponsePayload>
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0405	value="\$UNIQUE_IDENTIFIER_0"/>
0406	<Attribute>

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0400	<AttributeValue type="Enumeration" value="Compromised"/>
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0404	</ResponseMessage>
# TIME 10	
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0415	<UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
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0417	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0418	<Attribute>
0419	<AttributeName type="TextString" value="x-attribute1"/>
0420	<AttributeValue type="TextString" value="Value1"/>
0421	</Attribute>
0422	</RequestPayload>
0423	</BatchItem>
0424	<BatchItem>
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0426	<UniqueBatchItemID type="ByteString" value="9b898dc0577f8080"/>
0427	<RequestPayload>
0428	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0429	<Attribute>
0430	<AttributeName type="TextString" value="x-attribute2"/>
0431	<AttributeValue type="TextString" value="Value2"/>
0432	</Attribute>
0433	</RequestPayload>
0434	</BatchItem>
0435	</RequestMessage>
0436	<ResponseMessage>
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0443	<BatchCount type="Integer" value="2"/>
0444	</ResponseHeader>
0445	<BatchItem>
0446	<Operation type="Enumeration" value="AddAttribute"/>
0447	<UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0448	<ResultStatus type="Enumeration" value="Success"/>
0449	<ResponsePayload>
0450	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0451	<Attribute>
0452	<AttributeName type="TextString" value="x-attribute1"/>

0453	<AttributeValue type="TextString" value="Value1"/>
0454	</Attribute>
0455	</ResponsePayload>
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0461	<ResponsePayload>
0462	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0463	<Attribute>
0464	<AttributeName type="TextString" value="x-attribute2"/>
0465	<AttributeValue type="TextString" value="Value2"/>
0466	</Attribute>
0467	</ResponsePayload>
0468	</BatchItem>
0469	</ResponseMessage>
	# TIME 11
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0480	<UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0484	<AttributeName type="TextString" value="x-attribute1"/>
0485	<AttributeValue type="TextString" value="ModifiedValue1"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0496	<AttributeValue type="TextString" value="ModifiedValue2"/>
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0514	<ResponsePayload>
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0517	<AttributeName type="TextString" value="x-attribute1"/>
0518	<AttributeValue type="TextString" value="ModifiedValue1"/>
0519	</Attribute>
0520	</ResponsePayload>
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0525	<ResultStatus type="Enumeration" value="Success"/>
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0528	<Attribute>
0529	<AttributeName type="TextString" value="x-attribute2"/>
0530	<AttributeValue type="TextString" value="ModifiedValue2"/>
0531	</Attribute>
0532	</ResponsePayload>
0533	</BatchItem>
0534	</ResponseMessage>
# TIME 12	
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0540	</ProtocolVersion>
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0542	</RequestHeader>
0543	<BatchItem>
0544	<Operation type="Enumeration" value="DeleteAttribute"/>
0545	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0546	<RequestPayload>
0547	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0548	<AttributeName type="TextString" value="x-attribute1"/>
0549	</RequestPayload>
0550	</BatchItem>
0551	<BatchItem>
0552	<Operation type="Enumeration" value="DeleteAttribute"/>
0553	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0554	<RequestPayload>
0555	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0556	<AttributeName type="TextString" value="x-attribute2"/>
0557	</RequestPayload>
0558	</BatchItem>
0559	</RequestMessage>

0560	<ResponseMessage>
0561	<ResponseHeader>
0562	<ProtocolVersion>
0563	<ProtocolVersionMajor type="Integer" value="1"/>
0564	<ProtocolVersionMinor type="Integer" value="2"/>
0565	</ProtocolVersion>
0566	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0567	<BatchCount type="Integer" value="2"/>
0568	</ResponseHeader>
0569	<BatchItem>
0570	<Operation type="Enumeration" value="DeleteAttribute"/>
0571	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0572	<ResultStatus type="Enumeration" value="Success"/>
0573	<ResponsePayload>
0574	<UniqueIdentifier type="TextString"
0575	value="\$UNIQUE_IDENTIFIER_0"/>
0576	<Attribute>
0577	<AttributeName type="TextString" value="x-attribute1"/>
0578	<AttributeValue type="TextString" value="ModifiedValue1"/>
0579	</Attribute>
0580	</ResponsePayload>
0581	</BatchItem>
0582	<BatchItem>
0583	<Operation type="Enumeration" value="DeleteAttribute"/>
0584	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0585	<ResultStatus type="Enumeration" value="Success"/>
0586	<ResponsePayload>
0587	<UniqueIdentifier type="TextString"
0588	value="\$UNIQUE_IDENTIFIER_0"/>
0589	<Attribute>
0590	<AttributeName type="TextString" value="x-attribute2"/>
0591	<AttributeValue type="TextString" value="ModifiedValue2"/>
0592	</Attribute>
0593	</ResponsePayload>
0594	</BatchItem>
0595	</ResponseMessage>
# TIME 13	
0594	<RequestMessage>
0595	<RequestHeader>
0596	<ProtocolVersion>
0597	<ProtocolVersionMajor type="Integer" value="1"/>
0598	<ProtocolVersionMinor type="Integer" value="2"/>
0599	</ProtocolVersion>
0600	<BatchCount type="Integer" value="1"/>
0601	</RequestHeader>
0602	<BatchItem>
0603	<Operation type="Enumeration" value="Get"/>
0604	<RequestPayload>
0605	<UniqueIdentifier type="TextString"
0606	value="\$UNIQUE_IDENTIFIER_0"/>
0607	</RequestPayload>
0608	</BatchItem>
0609	</RequestMessage>
0610	<ResponseMessage>
0611	<ResponseHeader>
0612	<ProtocolVersion>
0613	<ProtocolVersionMajor type="Integer" value="1"/>
	<ProtocolVersionMinor type="Integer" value="2"/>

0614	</ProtocolVersion>
0615	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0616	<BatchCount type="Integer" value="1"/>
0617	</ResponseHeader>
0618	<BatchItem>
0619	<Operation type="Enumeration" value="Get"/>
0620	<ResultStatus type="Enumeration" value="Success"/>
0621	<ResponsePayload>
0622	<ObjectType type="Enumeration" value="SymmetricKey"/>
0623	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0624	<SymmetricKey>
0625	<KeyBlock>
0626	<KeyFormatType type="Enumeration" value="Raw"/>
0627	<KeyValue>
0628	<KeyMaterial type="ByteString"
	value="ea9dc7c4e5d92a3b5bbf0b1c8c136e20eca137a88afb9745"/>
0629	</KeyValue>
0630	<CryptographicAlgorithm type="Enumeration" value="DES3"/>
0631	<CryptographicLength type="Integer" value="168"/>
0632	</KeyBlock>
0633	</SymmetricKey>
0634	</ResponsePayload>
0635	</BatchItem>
0636	</ResponseMessage>
# TIME 14	
0637	<RequestMessage>
0638	<RequestHeader>
0639	<ProtocolVersion>
0640	<ProtocolVersionMajor type="Integer" value="1"/>
0641	<ProtocolVersionMinor type="Integer" value="2"/>
0642	</ProtocolVersion>
0643	<BatchCount type="Integer" value="1"/>
0644	</RequestHeader>
0645	<BatchItem>
0646	<Operation type="Enumeration" value="Destroy"/>
0647	<RequestPayload>
0648	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0649	</RequestPayload>
0650	</BatchItem>
0651	</RequestMessage>
0652	<ResponseMessage>
0653	<ResponseHeader>
0654	<ProtocolVersion>
0655	<ProtocolVersionMajor type="Integer" value="1"/>
0656	<ProtocolVersionMinor type="Integer" value="2"/>
0657	</ProtocolVersion>
0658	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0659	<BatchCount type="Integer" value="1"/>
0660	</ResponseHeader>
0661	<BatchItem>
0662	<Operation type="Enumeration" value="Destroy"/>
0663	<ResultStatus type="Enumeration" value="Success"/>
0664	<ResponsePayload>
0665	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0666	</ResponsePayload>

0667	</BatchItem>
0668	</ResponseMessage>

287

288 3.43.10 Optional Test Cases KMIP 4v1.0

289 This section documents the test cases that a client or server conformant to the Symmetric Key Foundry
290 (FIPS140) Profile MAY support under KMIP Specification 1.0.

291 3.4.13.10.1 SKFF-O-1-10

292 Create, Destroy SKIPJACK-80

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="0"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
0016	Algorithm"/>
0017	<AttributeValue type="Enumeration" value="SKIPJACK"/>
0018	</Attribute>
0019	<Attribute>
0020	<AttributeName type="TextString" value="Cryptographic
0021	Length"/>
0022	<AttributeValue type="Integer" value="80"/>
0023	</Attribute>
0024	<Attribute>
0025	<AttributeName type="TextString" value="Cryptographic
0026	Usage Mask"/>
0027	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0028	</Attribute>
0029	</TemplateAttribute>
0030	</RequestPayload>
0031	</BatchItem>
0032	</RequestMessage>
0033	<ResponseMessage>
0034	<ResponseHeader>
0035	<ProtocolVersion>
0036	<ProtocolVersionMajor type="Integer" value="1"/>
0037	<ProtocolVersionMinor type="Integer" value="0"/>
0038	</ProtocolVersion>
0039	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0040	<BatchCount type="Integer" value="1"/>
0041	</ResponseHeader>
0042	<BatchItem>
0043	<Operation type="Enumeration" value="Create"/>
0044	<ResultStatus type="Enumeration" value="Success"/>

0042	<ResponsePayload>
0043	<ObjectType type="Enumeration" value="SymmetricKey"/>
0044	<UniqueIdentifier type="TextString"
0045	value="\$UNIQUE_IDENTIFIER_0"/>
0046	</ResponsePayload>
0047	</BatchItem>
0048	</ResponseMessage>
# TIME 1	
0048	<RequestMessage>
0049	<RequestHeader>
0050	<ProtocolVersion>
0051	<ProtocolVersionMajor type="Integer" value="1"/>
0052	<ProtocolVersionMinor type="Integer" value="0"/>
0053	</ProtocolVersion>
0054	<BatchCount type="Integer" value="1"/>
0055	</RequestHeader>
0056	<BatchItem>
0057	<Operation type="Enumeration" value="Destroy"/>
0058	<RequestPayload>
0059	<UniqueIdentifier type="TextString"
0060	value="\$UNIQUE_IDENTIFIER_0"/>
0061	</RequestPayload>
0062	</BatchItem>
0063	</RequestMessage>
0063	<ResponseMessage>
0064	<ResponseHeader>
0065	<ProtocolVersion>
0066	<ProtocolVersionMajor type="Integer" value="1"/>
0067	<ProtocolVersionMinor type="Integer" value="0"/>
0068	</ProtocolVersion>
0069	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0070	<BatchCount type="Integer" value="1"/>
0071	</ResponseHeader>
0072	<BatchItem>
0073	<Operation type="Enumeration" value="Destroy"/>
0074	<ResultStatus type="Enumeration" value="Success"/>
0075	<ResponsePayload>
0076	<UniqueIdentifier type="TextString"
0077	value="\$UNIQUE_IDENTIFIER_0"/>
0078	</ResponsePayload>
0079	</BatchItem>
0079	</ResponseMessage>

293

294 **3.4.23.10.2 SKFF-O-2-10**

295 Create, Locate, Get, Destroy, Locate SKIPJACK-80

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="0"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>

0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-O-2-10"/>
0018	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0019	</AttributeValue>
0020	</Attribute>
0021	<Attribute>
0022	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0023	<AttributeValue type="Enumeration" value="SKIPJACK"/>
0024	</Attribute>
0025	<Attribute>
0026	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0027	<AttributeValue type="Integer" value="80"/>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic
	Usage Mask"/>
0031	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0032	</Attribute>
0033	<Attribute>
0034	<AttributeName type="TextString" value="Contact
	Information"/>
0035	<AttributeValue type="TextString" value="Joe"/>
0036	</Attribute>
0037	</TemplateAttribute>
0038	</RequestPayload>
0039	</BatchItem>
0040	</RequestMessage>
0041	<ResponseMessage>
0042	<ResponseHeader>
0043	<ProtocolVersion>
0044	<ProtocolVersionMajor type="Integer" value="1"/>
0045	<ProtocolVersionMinor type="Integer" value="0"/>
0046	</ProtocolVersion>
0047	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0048	<BatchCount type="Integer" value="1"/>
0049	</ResponseHeader>
0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0056	</ResponsePayload>
0057	</BatchItem>
0058	</ResponseMessage>
	# TIME 1
0059	<RequestMessage>
0060	<RequestHeader>

0061	<ProtocolVersion>
0062	<ProtocolVersionMajor type="Integer" value="1"/>
0063	<ProtocolVersionMinor type="Integer" value="0"/>
0064	</ProtocolVersion>
0065	<BatchCount type="Integer" value="1"/>
0066	</RequestHeader>
0067	<BatchItem>
0068	<Operation type="Enumeration" value="Locate"/>
0069	<RequestPayload>
0070	<Attribute>
0071	<AttributeName type="TextString" value="Object Type"/>
0072	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0073	</Attribute>
0074	<Attribute>
0075	<AttributeName type="TextString" value="Name"/>
0076	<AttributeValue>
0077	<NameValue type="TextString" value="SKFF-O-2-10"/>
0078	<NameType type="Enumeration"
0079	value="UninterpretedTextString"/>
0080	</AttributeValue>
0081	</Attribute>
0082	</RequestPayload>
0083	</BatchItem>
0084	</RequestMessage>
0084	<ResponseMessage>
0085	<ResponseHeader>
0086	<ProtocolVersion>
0087	<ProtocolVersionMajor type="Integer" value="1"/>
0088	<ProtocolVersionMinor type="Integer" value="0"/>
0089	</ProtocolVersion>
0090	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0091	<BatchCount type="Integer" value="1"/>
0092	</ResponseHeader>
0093	<BatchItem>
0094	<Operation type="Enumeration" value="Locate"/>
0095	<ResultStatus type="Enumeration" value="Success"/>
0096	<ResponsePayload>
0097	<UniqueIdentifier type="TextString"
0098	value="\$UNIQUE_IDENTIFIER_0"/>
0099	</ResponsePayload>
0100	</BatchItem>
0100	</ResponseMessage>
0101	# TIME 2
0101	<RequestMessage>
0102	<RequestHeader>
0103	<ProtocolVersion>
0104	<ProtocolVersionMajor type="Integer" value="1"/>
0105	<ProtocolVersionMinor type="Integer" value="0"/>
0106	</ProtocolVersion>
0107	<BatchCount type="Integer" value="1"/>
0108	</RequestHeader>
0109	<BatchItem>
0110	<Operation type="Enumeration" value="Get"/>
0111	<RequestPayload>
0112	<UniqueIdentifier type="TextString"
0113	value="\$UNIQUE_IDENTIFIER_0"/>
0114	</RequestPayload>
0114	</BatchItem>

0115	</RequestMessage>
0116	<ResponseMessage>
0117	<ResponseHeader>
0118	<ProtocolVersion>
0119	<ProtocolVersionMajor type="Integer" value="1"/>
0120	<ProtocolVersionMinor type="Integer" value="0"/>
0121	</ProtocolVersion>
0122	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0123	<BatchCount type="Integer" value="1"/>
0124	</ResponseHeader>
0125	<BatchItem>
0126	<Operation type="Enumeration" value="Get"/>
0127	<ResultStatus type="Enumeration" value="Success"/>
0128	<ResponsePayload>
0129	<ObjectType type="Enumeration" value="SymmetricKey"/>
0130	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0131	<SymmetricKey>
0132	<KeyBlock>
0133	<KeyFormatType type="Enumeration" value="Raw"/>
0134	<KeyValue>
0135	<KeyMaterial type="ByteString"
	value="1778963e51b52027aaa0"/>
0136	</KeyValue>
0137	<CryptographicAlgorithm type="Enumeration"
	value="SKIPJACK"/>
0138	<CryptographicLength type="Integer" value="80"/>
0139	</KeyBlock>
0140	</SymmetricKey>
0141	</ResponsePayload>
0142	</BatchItem>
0143	</ResponseMessage>
	# TIME 3
0144	<RequestMessage>
0145	<RequestHeader>
0146	<ProtocolVersion>
0147	<ProtocolVersionMajor type="Integer" value="1"/>
0148	<ProtocolVersionMinor type="Integer" value="0"/>
0149	</ProtocolVersion>
0150	<BatchCount type="Integer" value="1"/>
0151	</RequestHeader>
0152	<BatchItem>
0153	<Operation type="Enumeration" value="Destroy"/>
0154	<RequestPayload>
0155	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0156	</RequestPayload>
0157	</BatchItem>
0158	</RequestMessage>
0159	<ResponseMessage>
0160	<ResponseHeader>
0161	<ProtocolVersion>
0162	<ProtocolVersionMajor type="Integer" value="1"/>
0163	<ProtocolVersionMinor type="Integer" value="0"/>
0164	</ProtocolVersion>
0165	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0166	<BatchCount type="Integer" value="1"/>
0167	</ResponseHeader>

0168	<BatchItem>
0169	<Operation type="Enumeration" value="Destroy"/>
0170	<ResultStatus type="Enumeration" value="Success"/>
0171	<ResponsePayload>
0172	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0173	</ResponsePayload>
0174	</BatchItem>
0175	</ResponseMessage>
	# TIME 4
0176	<RequestMessage>
0177	<RequestHeader>
0178	<ProtocolVersion>
0179	<ProtocolVersionMajor type="Integer" value="1"/>
0180	<ProtocolVersionMinor type="Integer" value="0"/>
0181	</ProtocolVersion>
0182	<BatchCount type="Integer" value="1"/>
0183	</RequestHeader>
0184	<BatchItem>
0185	<Operation type="Enumeration" value="Locate"/>
0186	<RequestPayload>
0187	<Attribute>
0188	<AttributeName type="TextString" value="Unique Identifier"/>
0189	<AttributeValue type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0190	</Attribute>
0191	</RequestPayload>
0192	</BatchItem>
0193	</RequestMessage>
0194	<ResponseMessage>
0195	<ResponseHeader>
0196	<ProtocolVersion>
0197	<ProtocolVersionMajor type="Integer" value="1"/>
0198	<ProtocolVersionMinor type="Integer" value="0"/>
0199	</ProtocolVersion>
0200	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0201	<BatchCount type="Integer" value="1"/>
0202	</ResponseHeader>
0203	<BatchItem>
0204	<Operation type="Enumeration" value="Locate"/>
0205	<ResultStatus type="Enumeration" value="Success"/>
0206	<ResponsePayload>
0207	</ResponsePayload>
0208	</BatchItem>
0209	</ResponseMessage>

296

297 **3.4.33.10.3 SKFF-O-3-10**

298 Create, Get, Activate, Revoke, Locate, Add/Mod/Del Attributes, Destroy SKIPJACK-80

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="0"/>
0006	</ProtocolVersion>

0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
0016	Algorithm"/>
0017	<AttributeValue type="Enumeration" value="SKIPJACK"/>
0018	</Attribute>
0019	<Attribute>
0020	<AttributeName type="TextString" value="Cryptographic
0021	Length"/>
0022	<AttributeValue type="Integer" value="80"/>
0023	</Attribute>
0024	<Attribute>
0025	<AttributeName type="TextString" value="Name"/>
0026	<AttributeValue>
0027	<NameValue type="TextString" value="SKFF-O-3-10"/>
0028	<NameType type="Enumeration"
0029	value="UninterpretedTextString"/>
0030	</AttributeValue>
0031	</Attribute>
0032	<Attribute>
0033	<AttributeName type="TextString" value="Cryptographic
0034	Usage Mask"/>
0035	<AttributeValue type="Integer" value="Encrypt"/>
0036	</Attribute>
0037	</TemplateAttribute>
0038	</RequestPayload>
0039	</BatchItem>
0040	</RequestMessage>
0041	<ResponseMessage>
0042	<ResponseHeader>
0043	<ProtocolVersion>
0044	<ProtocolVersionMajor type="Integer" value="1"/>
0045	<ProtocolVersionMinor type="Integer" value="0"/>
0046	</ProtocolVersion>
0047	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0048	<BatchCount type="Integer" value="1"/>
0049	</ResponseHeader>
0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString"
0056	value="\$UNIQUE_IDENTIFIER_0"/>
0057	</ResponsePayload>
0058	</BatchItem>
0059	</ResponseMessage>
0060	# TIME 1
0061	<RequestMessage>
0062	<RequestHeader>
0063	<ProtocolVersion>
0064	<ProtocolVersionMajor type="Integer" value="1"/>

0059	<ProtocolVersionMinor type="Integer" value="0"/>
0060	</ProtocolVersion>
0061	<BatchCount type="Integer" value="1"/>
0062	</RequestHeader>
0063	<BatchItem>
0064	<Operation type="Enumeration" value="GetAttributes"/>
0065	<RequestPayload>
0066	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0067	<AttributeName type="TextString" value="State"/>
0068	</RequestPayload>
0069	</BatchItem>
0070	</RequestMessage>
0071	<ResponseMessage>
0072	<ResponseHeader>
0073	<ProtocolVersion>
0074	<ProtocolVersionMajor type="Integer" value="1"/>
0075	<ProtocolVersionMinor type="Integer" value="0"/>
0076	</ProtocolVersion>
0077	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0078	<BatchCount type="Integer" value="1"/>
0079	</ResponseHeader>
0080	<BatchItem>
0081	<Operation type="Enumeration" value="GetAttributes"/>
0082	<ResultStatus type="Enumeration" value="Success"/>
0083	<ResponsePayload>
0084	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0085	<Attribute>
0086	<AttributeName type="TextString" value="State"/>
0087	<AttributeValue type="Enumeration" value="PreActive"/>
0088	</Attribute>
0089	</ResponsePayload>
0090	</BatchItem>
0091	</ResponseMessage>
0092	# TIME 2
0093	<RequestMessage>
0094	<RequestHeader>
0095	<ProtocolVersion>
0096	<ProtocolVersionMajor type="Integer" value="1"/>
0097	<ProtocolVersionMinor type="Integer" value="0"/>
0098	</ProtocolVersion>
0099	<BatchCount type="Integer" value="1"/>
0100	</RequestHeader>
0101	<BatchItem>
0102	<Operation type="Enumeration" value="Activate"/>
0103	<RequestPayload>
0104	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0105	</RequestPayload>
0106	</BatchItem>
0107	</RequestMessage>
0108	<ResponseMessage>
0109	<ResponseHeader>
0110	<ProtocolVersion>
0111	<ProtocolVersionMajor type="Integer" value="1"/>
0112	<ProtocolVersionMinor type="Integer" value="0"/>
	</ProtocolVersion>

0113	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0114	<BatchCount type="Integer" value="1"/>
0115	</ResponseHeader>
0116	<BatchItem>
0117	<Operation type="Enumeration" value="Activate"/>
0118	<ResultStatus type="Enumeration" value="Success"/>
0119	<ResponsePayload>
0120	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0121	</ResponsePayload>
0122	</BatchItem>
0123	</ResponseMessage>
# TIME 3	
0124	<RequestMessage>
0125	<RequestHeader>
0126	<ProtocolVersion>
0127	<ProtocolVersionMajor type="Integer" value="1"/>
0128	<ProtocolVersionMinor type="Integer" value="0"/>
0129	</ProtocolVersion>
0130	<BatchCount type="Integer" value="1"/>
0131	</RequestHeader>
0132	<BatchItem>
0133	<Operation type="Enumeration" value="GetAttributes"/>
0134	<RequestPayload>
0135	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0136	<AttributeName type="TextString" value="State"/>
0137	</RequestPayload>
0138	</BatchItem>
0139	</RequestMessage>
0140	<ResponseMessage>
0141	<ResponseHeader>
0142	<ProtocolVersion>
0143	<ProtocolVersionMajor type="Integer" value="1"/>
0144	<ProtocolVersionMinor type="Integer" value="0"/>
0145	</ProtocolVersion>
0146	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0147	<BatchCount type="Integer" value="1"/>
0148	</ResponseHeader>
0149	<BatchItem>
0150	<Operation type="Enumeration" value="GetAttributes"/>
0151	<ResultStatus type="Enumeration" value="Success"/>
0152	<ResponsePayload>
0153	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0154	<Attribute>
0155	<AttributeName type="TextString" value="State"/>
0156	<AttributeValue type="Enumeration" value="Active"/>
0157	</Attribute>
0158	</ResponsePayload>
0159	</BatchItem>
0160	</ResponseMessage>
# TIME 4	
0161	<RequestMessage>
0162	<RequestHeader>
0163	<ProtocolVersion>
0164	<ProtocolVersionMajor type="Integer" value="1"/>
0165	<ProtocolVersionMinor type="Integer" value="0"/>

0166	</ProtocolVersion>
0167	<BatchCount type="Integer" value="1"/>
0168	</RequestHeader>
0169	<BatchItem>
0170	<Operation type="Enumeration" value="Locate"/>
0171	<RequestPayload>
0172	<Attribute>
0173	<AttributeName type="TextString" value="Object Type"/>
0174	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0175	</Attribute>
0176	<Attribute>
0177	<AttributeName type="TextString" value="Name"/>
0178	<AttributeValue>
0179	<NameValue type="TextString" value="SKFF-O-3-10"/>
0180	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0181	</AttributeValue>
0182	</Attribute>
0183	</RequestPayload>
0184	</BatchItem>
0185	</RequestMessage>
0186	<ResponseMessage>
0187	<ResponseHeader>
0188	<ProtocolVersion>
0189	<ProtocolVersionMajor type="Integer" value="1"/>
0190	<ProtocolVersionMinor type="Integer" value="0"/>
0191	</ProtocolVersion>
0192	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0193	<BatchCount type="Integer" value="1"/>
0194	</ResponseHeader>
0195	<BatchItem>
0196	<Operation type="Enumeration" value="Locate"/>
0197	<ResultStatus type="Enumeration" value="Success"/>
0198	<ResponsePayload>
0199	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0200	</ResponsePayload>
0201	</BatchItem>
0202	</ResponseMessage>
0203	# TIME 5 <RequestMessage>
0204	<RequestHeader>
0205	<ProtocolVersion>
0206	<ProtocolVersionMajor type="Integer" value="1"/>
0207	<ProtocolVersionMinor type="Integer" value="0"/>
0208	</ProtocolVersion>
0209	<BatchCount type="Integer" value="1"/>
0210	</RequestHeader>
0211	<BatchItem>
0212	<Operation type="Enumeration" value="Get"/>
0213	<RequestPayload>
0214	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0215	</RequestPayload>
0216	</BatchItem>
0217	</RequestMessage>
0218	<ResponseMessage>
0219	<ResponseHeader>

0220	<ProtocolVersion>
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0222	<ProtocolVersionMinor type="Integer" value="0"/>
0223	</ProtocolVersion>
0224	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0225	<BatchCount type="Integer" value="1"/>
0226	</ResponseHeader>
0227	<BatchItem>
0228	<Operation type="Enumeration" value="Get"/>
0229	<ResultStatus type="Enumeration" value="Success"/>
0230	<ResponsePayload>
0231	<ObjectType type="Enumeration" value="SymmetricKey"/>
0232	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0233	<SymmetricKey>
0234	<KeyBlock>
0235	<KeyFormatType type="Enumeration" value="Raw"/>
0236	<KeyValue>
0237	<KeyMaterial type="ByteString"
	value="1778963e51b52027aaa0"/>
0238	</KeyValue>
0239	<CryptographicAlgorithm type="Enumeration"
	value="SKIPJACK"/>
0240	<CryptographicLength type="Integer" value="80"/>
0241	</KeyBlock>
0242	</SymmetricKey>
0243	</ResponsePayload>
0244	</BatchItem>
0245	</ResponseMessage>
	# TIME 6
0246	<RequestMessage>
0247	<RequestHeader>
0248	<ProtocolVersion>
0249	<ProtocolVersionMajor type="Integer" value="1"/>
0250	<ProtocolVersionMinor type="Integer" value="0"/>
0251	</ProtocolVersion>
0252	<BatchCount type="Integer" value="1"/>
0253	</RequestHeader>
0254	<BatchItem>
0255	<Operation type="Enumeration" value="Revoke"/>
0256	<RequestPayload>
0257	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0258	<RevocationReason>
0259	<RevocationReasonCode type="Enumeration"
	value="KeyCompromise"/>
0260	</RevocationReason>
0261	<CompromiseOccurrenceDate type="DateTime" value="1970-01-
	01T00:00:06+00:00"/>
0262	</RequestPayload>
0263	</BatchItem>
0264	</RequestMessage>
0265	<ResponseMessage>
0266	<ResponseHeader>
0267	<ProtocolVersion>
0268	<ProtocolVersionMajor type="Integer" value="1"/>
0269	<ProtocolVersionMinor type="Integer" value="0"/>
0270	</ProtocolVersion>

0271	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0272	<BatchCount type="Integer" value="1"/>
0273	</ResponseHeader>
0274	<BatchItem>
0275	<Operation type="Enumeration" value="Revoke"/>
0276	<ResultStatus type="Enumeration" value="Success"/>
0277	<ResponsePayload>
0278	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0279	</ResponsePayload>
0280	</BatchItem>
0281	</ResponseMessage>
	# TIME 7
0282	<RequestMessage>
0283	<RequestHeader>
0284	<ProtocolVersion>
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0286	<ProtocolVersionMinor type="Integer" value="0"/>
0287	</ProtocolVersion>
0288	<BatchCount type="Integer" value="1"/>
0289	</RequestHeader>
0290	<BatchItem>
0291	<Operation type="Enumeration" value="GetAttributes"/>
0292	<RequestPayload>
0293	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0294	<AttributeName type="TextString" value="State"/>
0295	</RequestPayload>
0296	</BatchItem>
0297	</RequestMessage>
0298	<ResponseMessage>
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0303	</ProtocolVersion>
0304	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0305	<BatchCount type="Integer" value="1"/>
0306	</ResponseHeader>
0307	<BatchItem>
0308	<Operation type="Enumeration" value="GetAttributes"/>
0309	<ResultStatus type="Enumeration" value="Success"/>
0310	<ResponsePayload>
0311	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0312	<Attribute>
0313	<AttributeName type="TextString" value="State"/>
0314	<AttributeValue type="Enumeration" value="Compromised"/>
0315	</Attribute>
0316	</ResponsePayload>
0317	</BatchItem>
0318	</ResponseMessage>
	# TIME 8
0319	<RequestMessage>
0320	<RequestHeader>
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0322	<ProtocolVersionMajor type="Integer" value="1"/>
0323	<ProtocolVersionMinor type="Integer" value="0"/>

0324	</ProtocolVersion>
0325	<BatchCount type="Integer" value="1"/>
0326	</RequestHeader>
0327	<BatchItem>
0328	<Operation type="Enumeration" value="GetAttributeList"/>
0329	<RequestPayload>
0330	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0331	</RequestPayload>
0332	</BatchItem>
0333	</RequestMessage>
0334	<ResponseMessage>
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0338	<ProtocolVersionMinor type="Integer" value="0"/>
0339	</ProtocolVersion>
0340	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0341	<BatchCount type="Integer" value="1"/>
0342	</ResponseHeader>
0343	<BatchItem>
0344	<Operation type="Enumeration" value="GetAttributeList"/>
0345	<ResultStatus type="Enumeration" value="Success"/>
0346	<ResponsePayload>
0347	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0348	<AttributeName type="TextString" value="Unique Identifier"/>
0349	<AttributeName type="TextString" value="Object Type"/>
0350	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0351	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0352	<AttributeName type="TextString" value="Activation Date"/>
0353	<AttributeName type="TextString" value="Compromise Date"/>
0354	<AttributeName type="TextString" value="Compromise Occurrence
	Date"/>
0355	<AttributeName type="TextString" value="Cryptographic Usage
	Mask"/>
0356	<AttributeName type="TextString" value="Digest"/>
0357	<AttributeName type="TextString" value="Initial Date"/>
0358	<AttributeName type="TextString" value="Last Change Date"/>
0359	<AttributeName type="TextString" value="Lease Time"/>
0360	<AttributeName type="TextString" value="Name"/>
0361	<AttributeName type="TextString" value="Revocation Reason"/>
0362	<AttributeName type="TextString" value="State"/>
0363	</ResponsePayload>
0364	</BatchItem>
0365	</ResponseMessage>
	# TIME 9
0366	<RequestMessage>
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0371	</ProtocolVersion>
0372	<BatchCount type="Integer" value="1"/>
0373	</RequestHeader>
0374	<BatchItem>

0375	<Operation type="Enumeration" value="GetAttributes"/>
0376	<RequestPayload>
0377	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0378	<AttributeName type="TextString" value="State"/>
0379	</RequestPayload>
0380	</BatchItem>
0381	</RequestMessage>
0382	<ResponseMessage>
0383	<ResponseHeader>
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0385	<ProtocolVersionMajor type="Integer" value="1"/>
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0389	<BatchCount type="Integer" value="1"/>
0390	</ResponseHeader>
0391	<BatchItem>
0392	<Operation type="Enumeration" value="GetAttributes"/>
0393	<ResultStatus type="Enumeration" value="Success"/>
0394	<ResponsePayload>
0395	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0396	<Attribute>
0397	<AttributeName type="TextString" value="State"/>
0398	<AttributeValue type="Enumeration" value="Compromised"/>
0399	</Attribute>
0400	</ResponsePayload>
0401	</BatchItem>
0402	</ResponseMessage>
	# TIME 10
0403	<RequestMessage>
0404	<RequestHeader>
0405	<ProtocolVersion>
0406	<ProtocolVersionMajor type="Integer" value="1"/>
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0408	</ProtocolVersion>
0409	<BatchCount type="Integer" value="2"/>
0410	</RequestHeader>
0411	<BatchItem>
0412	<Operation type="Enumeration" value="AddAttribute"/>
0413	<UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0414	<RequestPayload>
0415	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0416	<Attribute>
0417	<AttributeName type="TextString" value="x-attribute1"/>
0418	<AttributeValue type="TextString" value="Value1"/>
0419	</Attribute>
0420	</RequestPayload>
0421	</BatchItem>
0422	<BatchItem>
0423	<Operation type="Enumeration" value="AddAttribute"/>
0424	<UniqueBatchItemID type="ByteString" value="9b898dc0577f8080"/>
0425	<RequestPayload>
0426	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0427	<Attribute>

0428	<AttributeName type="TextString" value="x-attribute2"/>
0429	<AttributeValue type="TextString" value="Value2"/>
0430	</Attribute>
0431	</RequestPayload>
0432	</BatchItem>
0433	</RequestMessage>
0434	<ResponseMessage>
0435	<ResponseHeader>
0436	<ProtocolVersion>
0437	<ProtocolVersionMajor type="Integer" value="1"/>
0438	<ProtocolVersionMinor type="Integer" value="0"/>
0439	</ProtocolVersion>
0440	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0441	<BatchCount type="Integer" value="2"/>
0442	</ResponseHeader>
0443	<BatchItem>
0444	<Operation type="Enumeration" value="AddAttribute"/>
0445	<UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0446	<ResultStatus type="Enumeration" value="Success"/>
0447	<ResponsePayload>
0448	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0449	<Attribute>
0450	<AttributeName type="TextString" value="x-attribute1"/>
0451	<AttributeValue type="TextString" value="Value1"/>
0452	</Attribute>
0453	</ResponsePayload>
0454	</BatchItem>
0455	<BatchItem>
0456	<Operation type="Enumeration" value="AddAttribute"/>
0457	<UniqueBatchItemID type="ByteString" value="9b898dc0577f8080"/>
0458	<ResultStatus type="Enumeration" value="Success"/>
0459	<ResponsePayload>
0460	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0461	<Attribute>
0462	<AttributeName type="TextString" value="x-attribute2"/>
0463	<AttributeValue type="TextString" value="Value2"/>
0464	</Attribute>
0465	</ResponsePayload>
0466	</BatchItem>
0467	</ResponseMessage>
	# TIME 11
0468	<RequestMessage>
0469	<RequestHeader>
0470	<ProtocolVersion>
0471	<ProtocolVersionMajor type="Integer" value="1"/>
0472	<ProtocolVersionMinor type="Integer" value="0"/>
0473	</ProtocolVersion>
0474	<BatchCount type="Integer" value="2"/>
0475	</RequestHeader>
0476	<BatchItem>
0477	<Operation type="Enumeration" value="ModifyAttribute"/>
0478	<UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>
0479	<RequestPayload>
0480	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0481	<Attribute>

0482	<AttributeName type="TextString" value="x-attribute1"/>
0483	<AttributeValue type="TextString" value="ModifiedValue1"/>
0484	</Attribute>
0485	</RequestPayload>
0486	</BatchItem>
0487	<BatchItem>
0488	<Operation type="Enumeration" value="ModifyAttribute"/>
0489	<UniqueBatchItemID type="ByteString" value="33f55c8d7e6cafbf"/>
0490	<RequestPayload>
0491	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0492	<Attribute>
0493	<AttributeName type="TextString" value="x-attribute2"/>
0494	<AttributeValue type="TextString" value="ModifiedValue2"/>
0495	</Attribute>
0496	</RequestPayload>
0497	</BatchItem>
0498	</RequestMessage>
0499	<ResponseMessage>
0500	<ResponseHeader>
0501	<ProtocolVersion>
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0503	<ProtocolVersionMinor type="Integer" value="0"/>
0504	</ProtocolVersion>
0505	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0506	<BatchCount type="Integer" value="2"/>
0507	</ResponseHeader>
0508	<BatchItem>
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0510	<UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>
0511	<ResultStatus type="Enumeration" value="Success"/>
0512	<ResponsePayload>
0513	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0514	<Attribute>
0515	<AttributeName type="TextString" value="x-attribute1"/>
0516	<AttributeValue type="TextString" value="ModifiedValue1"/>
0517	</Attribute>
0518	</ResponsePayload>
0519	</BatchItem>
0520	<BatchItem>
0521	<Operation type="Enumeration" value="ModifyAttribute"/>
0522	<UniqueBatchItemID type="ByteString" value="33f55c8d7e6cafbf"/>
0523	<ResultStatus type="Enumeration" value="Success"/>
0524	<ResponsePayload>
0525	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0526	<Attribute>
0527	<AttributeName type="TextString" value="x-attribute2"/>
0528	<AttributeValue type="TextString" value="ModifiedValue2"/>
0529	</Attribute>
0530	</ResponsePayload>
0531	</BatchItem>
0532	</ResponseMessage>
	# TIME 12
0533	<RequestMessage>
0534	<RequestHeader>
0535	<ProtocolVersion>

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0537	<ProtocolVersionMinor type="Integer" value="0"/>
0538	</ProtocolVersion>
0539	<BatchCount type="Integer" value="2"/>
0540	</RequestHeader>
0541	<BatchItem>
0542	<Operation type="Enumeration" value="DeleteAttribute"/>
0543	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0544	<RequestPayload>
0545	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0546	<AttributeName type="TextString" value="x-attribute1"/>
0547	</RequestPayload>
0548	</BatchItem>
0549	<BatchItem>
0550	<Operation type="Enumeration" value="DeleteAttribute"/>
0551	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0552	<RequestPayload>
0553	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0554	<AttributeName type="TextString" value="x-attribute2"/>
0555	</RequestPayload>
0556	</BatchItem>
0557	</RequestMessage>
0558	<ResponseMessage>
0559	<ResponseHeader>
0560	<ProtocolVersion>
0561	<ProtocolVersionMajor type="Integer" value="1"/>
0562	<ProtocolVersionMinor type="Integer" value="0"/>
0563	</ProtocolVersion>
0564	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0565	<BatchCount type="Integer" value="2"/>
0566	</ResponseHeader>
0567	<BatchItem>
0568	<Operation type="Enumeration" value="DeleteAttribute"/>
0569	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0570	<ResultStatus type="Enumeration" value="Success"/>
0571	<ResponsePayload>
0572	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0573	<Attribute>
0574	<AttributeName type="TextString" value="x-attribute1"/>
0575	<AttributeValue type="TextString" value="ModifiedValue1"/>
0576	</Attribute>
0577	</ResponsePayload>
0578	</BatchItem>
0579	<BatchItem>
0580	<Operation type="Enumeration" value="DeleteAttribute"/>
0581	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0582	<ResultStatus type="Enumeration" value="Success"/>
0583	<ResponsePayload>
0584	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0585	<Attribute>
0586	<AttributeName type="TextString" value="x-attribute2"/>
0587	<AttributeValue type="TextString" value="ModifiedValue2"/>
0588	</Attribute>
0589	</ResponsePayload>

0590	</BatchItem>
0591	</ResponseMessage>
0592	# TIME 13
0592	<RequestMessage>
0593	<RequestHeader>
0594	<ProtocolVersion>
0595	<ProtocolVersionMajor type="Integer" value="1"/>
0596	<ProtocolVersionMinor type="Integer" value="0"/>
0597	</ProtocolVersion>
0598	<BatchCount type="Integer" value="1"/>
0599	</RequestHeader>
0600	<BatchItem>
0601	<Operation type="Enumeration" value="Get"/>
0602	<RequestPayload>
0603	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0604	</RequestPayload>
0605	</BatchItem>
0606	</RequestMessage>
0607	<ResponseMessage>
0608	<ResponseHeader>
0609	<ProtocolVersion>
0610	<ProtocolVersionMajor type="Integer" value="1"/>
0611	<ProtocolVersionMinor type="Integer" value="0"/>
0612	</ProtocolVersion>
0613	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0614	<BatchCount type="Integer" value="1"/>
0615	</ResponseHeader>
0616	<BatchItem>
0617	<Operation type="Enumeration" value="Get"/>
0618	<ResultStatus type="Enumeration" value="Success"/>
0619	<ResponsePayload>
0620	<ObjectType type="Enumeration" value="SymmetricKey"/>
0621	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0622	<SymmetricKey>
0623	<KeyBlock>
0624	<KeyFormatType type="Enumeration" value="Raw"/>
0625	<KeyValue>
0626	<KeyMaterial type="ByteString"
	value="1778963e51b52027aaa0"/>
0627	</KeyValue>
0628	<CryptographicAlgorithm type="Enumeration"
	value="SKIPJACK"/>
0629	<CryptographicLength type="Integer" value="80"/>
0630	</KeyBlock>
0631	</SymmetricKey>
0632	</ResponsePayload>
0633	</BatchItem>
0634	</ResponseMessage>
0635	# TIME 14
0635	<RequestMessage>
0636	<RequestHeader>
0637	<ProtocolVersion>
0638	<ProtocolVersionMajor type="Integer" value="1"/>
0639	<ProtocolVersionMinor type="Integer" value="0"/>
0640	</ProtocolVersion>
0641	<BatchCount type="Integer" value="1"/>

0642	</RequestHeader>
0643	<BatchItem>
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0645	<RequestPayload>
0646	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0647	</RequestPayload>
0648	</BatchItem>
0649	</RequestMessage>
0650	<ResponseMessage>
0651	<ResponseHeader>
0652	<ProtocolVersion>
0653	<ProtocolVersionMajor type="Integer" value="1"/>
0654	<ProtocolVersionMinor type="Integer" value="0"/>
0655	</ProtocolVersion>
0656	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0657	<BatchCount type="Integer" value="1"/>
0658	</ResponseHeader>
0659	<BatchItem>
0660	<Operation type="Enumeration" value="Destroy"/>
0661	<ResultStatus type="Enumeration" value="Success"/>
0662	<ResponsePayload>
0663	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0664	</ResponsePayload>
0665	</BatchItem>
0666	</ResponseMessage>

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300 **3.4.43.10.4 SKFF-O-4-10**

301 Create, Destroy DES3-112

	# TIME 0
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0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="0"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0016	<AttributeValue type="Enumeration" value="DES3"/>
0017	</Attribute>
0018	<Attribute>
0019	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0020	<AttributeValue type="Integer" value="112"/>
0021	</Attribute>
0022	</Attribute>

0023	<AttributeName type="TextString" value="Cryptographic Usage Mask"/>
0024	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0025	</Attribute>
0026	</TemplateAttribute>
0027	</RequestPayload>
0028	</BatchItem>
0029	</RequestMessage>
0030	<ResponseMessage>
0031	<ResponseHeader>
0032	<ProtocolVersion>
0033	<ProtocolVersionMajor type="Integer" value="1"/>
0034	<ProtocolVersionMinor type="Integer" value="0"/>
0035	</ProtocolVersion>
0036	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0037	<BatchCount type="Integer" value="1"/>
0038	</ResponseHeader>
0039	<BatchItem>
0040	<Operation type="Enumeration" value="Create"/>
0041	<ResultStatus type="Enumeration" value="Success"/>
0042	<ResponsePayload>
0043	<ObjectType type="Enumeration" value="SymmetricKey"/>
0044	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0045	</ResponsePayload>
0046	</BatchItem>
0047	</ResponseMessage>
0048	# TIME 1
0049	<RequestMessage>
0050	<RequestHeader>
0051	<ProtocolVersion>
0052	<ProtocolVersionMajor type="Integer" value="1"/>
0053	<ProtocolVersionMinor type="Integer" value="0"/>
0054	</ProtocolVersion>
0055	<BatchCount type="Integer" value="1"/>
0056	</RequestHeader>
0057	<BatchItem>
0058	<Operation type="Enumeration" value="Destroy"/>
0059	<RequestPayload>
0060	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0061	</RequestPayload>
0062	</BatchItem>
0063	</RequestMessage>
0064	<ResponseMessage>
0065	<ResponseHeader>
0066	<ProtocolVersion>
0067	<ProtocolVersionMajor type="Integer" value="1"/>
0068	<ProtocolVersionMinor type="Integer" value="0"/>
0069	</ProtocolVersion>
0070	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0071	<BatchCount type="Integer" value="1"/>
0072	</ResponseHeader>
0073	<BatchItem>
0074	<Operation type="Enumeration" value="Destroy"/>
0075	<ResultStatus type="Enumeration" value="Success"/>
0076	<ResponsePayload>
	<UniqueIdentifier type="TextString"

0077	value="\$UNIQUE_IDENTIFIER_0"/>
0078	</ResponsePayload>
0079	</BatchItem>
	</ResponseMessage>

302

303 **3.4.53.10.5 SKFF-O-5-10**

304 Create, Locate, Get, Destroy, Locate DES3-112

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
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0005	<ProtocolVersionMinor type="Integer" value="0"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-O-5-10"/>
0018	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0019	</AttributeValue>
0020	</Attribute>
0021	<Attribute>
0022	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0023	<AttributeValue type="Enumeration" value="DES3"/>
0024	</Attribute>
0025	<Attribute>
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0209	</ResponseMessage>

305

306 **3.4.63.10.6 SKFF-O-6-10**

307 Create, Get, Activate, Revoke, Locate, Add/Mod/Del Attributes, Destroy DES3-112

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0021	Length"/>
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0028	<NameType type="Enumeration"
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0031	</Attribute>
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0034	Usage Mask"/>
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0235	value="\$UNIQUE_IDENTIFIER_0"/>
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0353	<AttributeName type="TextString" value="Object Type"/>
0354	<AttributeName type="TextString" value="Cryptographic
0355	Algorithm"/>
0356	<AttributeName type="TextString" value="Cryptographic
0357	Length"/>
0358	<AttributeName type="TextString" value="Activation Date"/>
0359	<AttributeName type="TextString" value="Compromise Date"/>
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0361	Date"/>
0362	<AttributeName type="TextString" value="Cryptographic Usage
0363	Mask"/>
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0358	<AttributeName type="TextString" value="Last Change Date"/>
0359	<AttributeName type="TextString" value="Lease Time"/>
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0361	<AttributeName type="TextString" value="Revocation Reason"/>
0362	<AttributeName type="TextString" value="State"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0427	<Attribute>
0428	<AttributeName type="TextString" value="x-attribute2"/>
0429	<AttributeValue type="TextString" value="Value2"/>
0430	</Attribute>
0431	</RequestPayload>
0432	</BatchItem>
0433	</RequestMessage>
0434	<ResponseMessage>
0435	<ResponseHeader>
0436	<ProtocolVersion>
0437	<ProtocolVersionMajor type="Integer" value="1"/>
0438	<ProtocolVersionMinor type="Integer" value="0"/>
0439	</ProtocolVersion>
0440	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0441	<BatchCount type="Integer" value="2"/>
0442	</ResponseHeader>
0443	<BatchItem>
0444	<Operation type="Enumeration" value="AddAttribute"/>
0445	<UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0446	<ResultStatus type="Enumeration" value="Success"/>
0447	<ResponsePayload>
0448	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0449	<Attribute>
0450	<AttributeName type="TextString" value="x-attribute1"/>
0451	<AttributeValue type="TextString" value="Value1"/>
0452	</Attribute>
0453	</ResponsePayload>
0454	</BatchItem>
0455	<BatchItem>
0456	<Operation type="Enumeration" value="AddAttribute"/>
0457	<UniqueBatchItemID type="ByteString" value="9b898dc0577f8080"/>
0458	<ResultStatus type="Enumeration" value="Success"/>
0459	<ResponsePayload>
0460	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0461	<Attribute>
0462	<AttributeName type="TextString" value="x-attribute2"/>
0463	<AttributeValue type="TextString" value="Value2"/>
0464	</Attribute>
0465	</ResponsePayload>

0466	</BatchItem>
0467	</ResponseMessage>
# TIME 11	
0468	<RequestMessage>
0469	<RequestHeader>
0470	<ProtocolVersion>
0471	<ProtocolVersionMajor type="Integer" value="1"/>
0472	<ProtocolVersionMinor type="Integer" value="0"/>
0473	</ProtocolVersion>
0474	<BatchCount type="Integer" value="2"/>
0475	</RequestHeader>
0476	<BatchItem>
0477	<Operation type="Enumeration" value="ModifyAttribute"/>
0478	<UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>
0479	<RequestPayload>
0480	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0481	<Attribute>
0482	<AttributeName type="TextString" value="x-attribute1"/>
0483	<AttributeValue type="TextString" value="ModifiedValue1"/>
0484	</Attribute>
0485	</RequestPayload>
0486	</BatchItem>
0487	<BatchItem>
0488	<Operation type="Enumeration" value="ModifyAttribute"/>
0489	<UniqueBatchItemID type="ByteString" value="33f55c8d7e6cafbf"/>
0490	<RequestPayload>
0491	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0492	<Attribute>
0493	<AttributeName type="TextString" value="x-attribute2"/>
0494	<AttributeValue type="TextString" value="ModifiedValue2"/>
0495	</Attribute>
0496	</RequestPayload>
0497	</BatchItem>
0498	</RequestMessage>
0499	<ResponseMessage>
0500	<ResponseHeader>
0501	<ProtocolVersion>
0502	<ProtocolVersionMajor type="Integer" value="1"/>
0503	<ProtocolVersionMinor type="Integer" value="0"/>
0504	</ProtocolVersion>
0505	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0506	<BatchCount type="Integer" value="2"/>
0507	</ResponseHeader>
0508	<BatchItem>
0509	<Operation type="Enumeration" value="ModifyAttribute"/>
0510	<UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>
0511	<ResultStatus type="Enumeration" value="Success"/>
0512	<ResponsePayload>
0513	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0514	<Attribute>
0515	<AttributeName type="TextString" value="x-attribute1"/>
0516	<AttributeValue type="TextString" value="ModifiedValue1"/>
0517	</Attribute>
0518	</ResponsePayload>
0519	</BatchItem>

0520	<BatchItem>
0521	<Operation type="Enumeration" value="ModifyAttribute"/>
0522	<UniqueBatchItemID type="ByteString" value="33f55c8d7e6cafbf"/>
0523	<ResultStatus type="Enumeration" value="Success"/>
0524	<ResponsePayload>
0525	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0526	<Attribute>
0527	<AttributeName type="TextString" value="x-attribute2"/>
0528	<AttributeValue type="TextString" value="ModifiedValue2"/>
0529	</Attribute>
0530	</ResponsePayload>
0531	</BatchItem>
0532	</ResponseMessage>
	# TIME 12
0533	<RequestMessage>
0534	<RequestHeader>
0535	<ProtocolVersion>
0536	<ProtocolVersionMajor type="Integer" value="1"/>
0537	<ProtocolVersionMinor type="Integer" value="0"/>
0538	</ProtocolVersion>
0539	<BatchCount type="Integer" value="2"/>
0540	</RequestHeader>
0541	<BatchItem>
0542	<Operation type="Enumeration" value="DeleteAttribute"/>
0543	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0544	<RequestPayload>
0545	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0546	<AttributeName type="TextString" value="x-attribute1"/>
0547	</RequestPayload>
0548	</BatchItem>
0549	<BatchItem>
0550	<Operation type="Enumeration" value="DeleteAttribute"/>
0551	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0552	<RequestPayload>
0553	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0554	<AttributeName type="TextString" value="x-attribute2"/>
0555	</RequestPayload>
0556	</BatchItem>
0557	</RequestMessage>
0558	<ResponseMessage>
0559	<ResponseHeader>
0560	<ProtocolVersion>
0561	<ProtocolVersionMajor type="Integer" value="1"/>
0562	<ProtocolVersionMinor type="Integer" value="0"/>
0563	</ProtocolVersion>
0564	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0565	<BatchCount type="Integer" value="2"/>
0566	</ResponseHeader>
0567	<BatchItem>
0568	<Operation type="Enumeration" value="DeleteAttribute"/>
0569	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0570	<ResultStatus type="Enumeration" value="Success"/>
0571	<ResponsePayload>
0572	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>

0573	<Attribute>
0574	<AttributeName type="TextString" value="x-attribute1"/>
0575	<AttributeValue type="TextString" value="ModifiedValue1"/>
0576	</Attribute>
0577	</ResponsePayload>
0578	</BatchItem>
0579	<BatchItem>
0580	<Operation type="Enumeration" value="DeleteAttribute"/>
0581	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0582	<ResultStatus type="Enumeration" value="Success"/>
0583	<ResponsePayload>
0584	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0585	<Attribute>
0586	<AttributeName type="TextString" value="x-attribute2"/>
0587	<AttributeValue type="TextString" value="ModifiedValue2"/>
0588	</Attribute>
0589	</ResponsePayload>
0590	</BatchItem>
0591	</ResponseMessage>
# TIME 13	
0592	<RequestMessage>
0593	<RequestHeader>
0594	<ProtocolVersion>
0595	<ProtocolVersionMajor type="Integer" value="1"/>
0596	<ProtocolVersionMinor type="Integer" value="0"/>
0597	</ProtocolVersion>
0598	<BatchCount type="Integer" value="1"/>
0599	</RequestHeader>
0600	<BatchItem>
0601	<Operation type="Enumeration" value="Get"/>
0602	<RequestPayload>
0603	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0604	</RequestPayload>
0605	</BatchItem>
0606	</RequestMessage>
0607	<ResponseMessage>
0608	<ResponseHeader>
0609	<ProtocolVersion>
0610	<ProtocolVersionMajor type="Integer" value="1"/>
0611	<ProtocolVersionMinor type="Integer" value="0"/>
0612	</ProtocolVersion>
0613	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0614	<BatchCount type="Integer" value="1"/>
0615	</ResponseHeader>
0616	<BatchItem>
0617	<Operation type="Enumeration" value="Get"/>
0618	<ResultStatus type="Enumeration" value="Success"/>
0619	<ResponsePayload>
0620	<ObjectType type="Enumeration" value="SymmetricKey"/>
0621	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0622	<SymmetricKey>
0623	<KeyBlock>
0624	<KeyFormatType type="Enumeration" value="Raw"/>
0625	<KeyValue>
0626	<KeyMaterial type="ByteString"

0627	value="100129b96802a2152aa8d9fb54ec1f83"/>
0628	</KeyValue>
0629	<CryptographicAlgorithm type="Enumeration" value="DES3"/>
0630	<CryptographicLength type="Integer" value="112"/>
0631	</KeyBlock>
0632	</SymmetricKey>
0633	</ResponsePayload>
0634	</BatchItem>
0635	</ResponseMessage>
0635	# TIME 14
0636	<RequestMessage>
0637	<RequestHeader>
0638	<ProtocolVersion>
0639	<ProtocolVersionMajor type="Integer" value="1"/>
0640	<ProtocolVersionMinor type="Integer" value="0"/>
0641	</ProtocolVersion>
0642	<BatchCount type="Integer" value="1"/>
0643	</RequestHeader>
0644	<BatchItem>
0645	<Operation type="Enumeration" value="Destroy"/>
0646	<RequestPayload>
0647	<UniqueIdentifier type="TextString"
0648	value="\$UNIQUE_IDENTIFIER_0"/>
0649	</RequestPayload>
0650	</BatchItem>
0651	</RequestMessage>
0652	<ResponseMessage>
0653	<ResponseHeader>
0654	<ProtocolVersion>
0655	<ProtocolVersionMajor type="Integer" value="1"/>
0656	<ProtocolVersionMinor type="Integer" value="0"/>
0657	</ProtocolVersion>
0658	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0659	<BatchCount type="Integer" value="1"/>
0660	</ResponseHeader>
0661	<BatchItem>
0662	<Operation type="Enumeration" value="Destroy"/>
0663	<ResultStatus type="Enumeration" value="Success"/>
0664	<ResponsePayload>
0665	<UniqueIdentifier type="TextString"
0666	value="\$UNIQUE_IDENTIFIER_0"/>
	</ResponsePayload>
	</BatchItem>
	</ResponseMessage>

3.53.11 Optional Test Cases KMIP 4v1.1

This section documents the test cases that a client or server conformant to the Symmetric Key Foundry (FIPS140) Profile SHALL support under KMIP Specification 1.1.

3.5.13.11.1 SKFF-O-1-11

Create, Destroy SKIPJACK-80

0001	# TIME 0
0002	<RequestMessage>
0003	<RequestHeader>
0004	<ProtocolVersion>
0005	<ProtocolVersionMajor type="Integer" value="1"/>
0006	<ProtocolVersionMinor type="Integer" value="1"/>
0007	</ProtocolVersion>
0008	<BatchCount type="Integer" value="1"/>
0009	</RequestHeader>
0010	<BatchItem>
0011	<Operation type="Enumeration" value="Create"/>
0012	<RequestPayload>
0013	<ObjectType type="Enumeration" value="SymmetricKey"/>
0014	<TemplateAttribute>
0015	<Attribute>
0016	<AttributeName type="TextString" value="Cryptographic
0017	Algorithm"/>
0018	<AttributeValue type="Enumeration" value="SKIPJACK"/>
0019	</Attribute>
0020	<Attribute>
0021	<AttributeName type="TextString" value="Cryptographic
0022	Length"/>
0023	<AttributeValue type="Integer" value="80"/>
0024	</Attribute>
0025	<Attribute>
0026	<AttributeName type="TextString" value="Cryptographic
0027	Usage Mask"/>
0028	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0029	</Attribute>
0030	</TemplateAttribute>
0031	</RequestPayload>
0032	</BatchItem>
0033	</RequestMessage>
0034	<ResponseMessage>
0035	<ResponseHeader>
0036	<ProtocolVersion>
0037	<ProtocolVersionMajor type="Integer" value="1"/>
0038	<ProtocolVersionMinor type="Integer" value="1"/>
0039	</ProtocolVersion>
0040	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0041	<BatchCount type="Integer" value="1"/>
0042	</ResponseHeader>
0043	<BatchItem>
0044	<Operation type="Enumeration" value="Create"/>
0045	<ResultStatus type="Enumeration" value="Success"/>
0046	<ResponsePayload>
0047	<ObjectType type="Enumeration" value="SymmetricKey"/>
0048	<UniqueIdentifier type="TextString"
0049	value="\$UNIQUE_IDENTIFIER_0"/>
0050	</ResponsePayload>
0051	</BatchItem>
0052	</ResponseMessage>
0053	# TIME 1
0054	<RequestMessage>
0055	<RequestHeader>
0056	<ProtocolVersion>
0057	<ProtocolVersionMajor type="Integer" value="1"/>
0058	<ProtocolVersionMinor type="Integer" value="1"/>

0053	</ProtocolVersion>
0054	<BatchCount type="Integer" value="1"/>
0055	</RequestHeader>
0056	<BatchItem>
0057	<Operation type="Enumeration" value="Destroy"/>
0058	<RequestPayload>
0059	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0060	</RequestPayload>
0061	</BatchItem>
0062	</RequestMessage>
0063	<ResponseMessage>
0064	<ResponseHeader>
0065	<ProtocolVersion>
0066	<ProtocolVersionMajor type="Integer" value="1"/>
0067	<ProtocolVersionMinor type="Integer" value="1"/>
0068	</ProtocolVersion>
0069	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0070	<BatchCount type="Integer" value="1"/>
0071	</ResponseHeader>
0072	<BatchItem>
0073	<Operation type="Enumeration" value="Destroy"/>
0074	<ResultStatus type="Enumeration" value="Success"/>
0075	<ResponsePayload>
0076	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0077	</ResponsePayload>
0078	</BatchItem>
0079	</ResponseMessage>

316

317 **3.5.23.11.2 SKFF-O-2-11**

318 Create, Locate, Get, Destroy, Locate SKIPJACK-80

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="1"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-O-2-11"/>
0018	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0019	</AttributeValue>
0020	</Attribute>
0021	</Attribute>

0022	<AttributeName type="TextString" value="Cryptographic Algorithm"/>
0023	<AttributeValue type="Enumeration" value="SKIPJACK"/>
0024	</Attribute>
0025	<Attribute>
0026	<AttributeName type="TextString" value="Cryptographic Length"/>
0027	<AttributeValue type="Integer" value="80"/>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic Usage Mask"/>
0031	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0032	</Attribute>
0033	<Attribute>
0034	<AttributeName type="TextString" value="Contact Information"/>
0035	<AttributeValue type="TextString" value="Joe"/>
0036	</Attribute>
0037	</TemplateAttribute>
0038	</RequestPayload>
0039	</BatchItem>
0040	</RequestMessage>
0041	<ResponseMessage>
0042	<ResponseHeader>
0043	<ProtocolVersion>
0044	<ProtocolVersionMajor type="Integer" value="1"/>
0045	<ProtocolVersionMinor type="Integer" value="1"/>
0046	</ProtocolVersion>
0047	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0048	<BatchCount type="Integer" value="1"/>
0049	</ResponseHeader>
0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0056	</ResponsePayload>
0057	</BatchItem>
0058	</ResponseMessage>
	# TIME 1
0059	<RequestMessage>
0060	<RequestHeader>
0061	<ProtocolVersion>
0062	<ProtocolVersionMajor type="Integer" value="1"/>
0063	<ProtocolVersionMinor type="Integer" value="1"/>
0064	</ProtocolVersion>
0065	<BatchCount type="Integer" value="1"/>
0066	</RequestHeader>
0067	<BatchItem>
0068	<Operation type="Enumeration" value="Locate"/>
0069	<RequestPayload>
0070	<Attribute>
0071	<AttributeName type="TextString" value="Object Type"/>
0072	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0073	</Attribute>

0074	<Attribute>
0075	<AttributeName type="TextString" value="Name"/>
0076	<AttributeValue>
0077	<NameValue type="TextString" value="SKFF-O-2-11"/>
0078	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0079	</AttributeValue>
0080	</Attribute>
0081	</RequestPayload>
0082	</BatchItem>
0083	</RequestMessage>
0084	<ResponseMessage>
0085	<ResponseHeader>
0086	<ProtocolVersion>
0087	<ProtocolVersionMajor type="Integer" value="1"/>
0088	<ProtocolVersionMinor type="Integer" value="1"/>
0089	</ProtocolVersion>
0090	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0091	<BatchCount type="Integer" value="1"/>
0092	</ResponseHeader>
0093	<BatchItem>
0094	<Operation type="Enumeration" value="Locate"/>
0095	<ResultStatus type="Enumeration" value="Success"/>
0096	<ResponsePayload>
0097	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0098	</ResponsePayload>
0099	</BatchItem>
0100	</ResponseMessage>
	# TIME 2
0101	<RequestMessage>
0102	<RequestHeader>
0103	<ProtocolVersion>
0104	<ProtocolVersionMajor type="Integer" value="1"/>
0105	<ProtocolVersionMinor type="Integer" value="1"/>
0106	</ProtocolVersion>
0107	<BatchCount type="Integer" value="1"/>
0108	</RequestHeader>
0109	<BatchItem>
0110	<Operation type="Enumeration" value="Get"/>
0111	<RequestPayload>
0112	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0113	</RequestPayload>
0114	</BatchItem>
0115	</RequestMessage>
0116	<ResponseMessage>
0117	<ResponseHeader>
0118	<ProtocolVersion>
0119	<ProtocolVersionMajor type="Integer" value="1"/>
0120	<ProtocolVersionMinor type="Integer" value="1"/>
0121	</ProtocolVersion>
0122	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0123	<BatchCount type="Integer" value="1"/>
0124	</ResponseHeader>
0125	<BatchItem>
0126	<Operation type="Enumeration" value="Get"/>
0127	<ResultStatus type="Enumeration" value="Success"/>

0128	<ResponsePayload>
0129	<ObjectType type="Enumeration" value="SymmetricKey"/>
0130	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0131	<SymmetricKey>
0132	<KeyBlock>
0133	<KeyFormatType type="Enumeration" value="Raw"/>
0134	<KeyValue>
0135	<KeyMaterial type="ByteString"
	value="1778963e51b52027aaa0"/>
0136	</KeyValue>
0137	<CryptographicAlgorithm type="Enumeration"
	value="SKIPJACK"/>
0138	<CryptographicLength type="Integer" value="80"/>
0139	</KeyBlock>
0140	</SymmetricKey>
0141	</ResponsePayload>
0142	</BatchItem>
0143	</ResponseMessage>
	# TIME 3
0144	<RequestMessage>
0145	<RequestHeader>
0146	<ProtocolVersion>
0147	<ProtocolVersionMajor type="Integer" value="1"/>
0148	<ProtocolVersionMinor type="Integer" value="1"/>
0149	</ProtocolVersion>
0150	<BatchCount type="Integer" value="1"/>
0151	</RequestHeader>
0152	<BatchItem>
0153	<Operation type="Enumeration" value="Destroy"/>
0154	<RequestPayload>
0155	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0156	</RequestPayload>
0157	</BatchItem>
0158	</RequestMessage>
0159	<ResponseMessage>
0160	<ResponseHeader>
0161	<ProtocolVersion>
0162	<ProtocolVersionMajor type="Integer" value="1"/>
0163	<ProtocolVersionMinor type="Integer" value="1"/>
0164	</ProtocolVersion>
0165	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0166	<BatchCount type="Integer" value="1"/>
0167	</ResponseHeader>
0168	<BatchItem>
0169	<Operation type="Enumeration" value="Destroy"/>
0170	<ResultStatus type="Enumeration" value="Success"/>
0171	<ResponsePayload>
0172	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0173	</ResponsePayload>
0174	</BatchItem>
0175	</ResponseMessage>
	# TIME 4
0176	<RequestMessage>
0177	<RequestHeader>
0178	<ProtocolVersion>

0179	<ProtocolVersionMajor type="Integer" value="1"/>
0180	<ProtocolVersionMinor type="Integer" value="1"/>
0181	</ProtocolVersion>
0182	<BatchCount type="Integer" value="1"/>
0183	</RequestHeader>
0184	<BatchItem>
0185	<Operation type="Enumeration" value="Locate"/>
0186	<RequestPayload>
0187	<Attribute>
0188	<AttributeName type="TextString" value="Unique Identifier"/>
0189	<AttributeValue type="TextString"
0190	value="\$UNIQUE_IDENTIFIER_0"/>
0191	</Attribute>
0192	</RequestPayload>
0193	</BatchItem>
0194	</RequestMessage>
0194	<ResponseMessage>
0195	<ResponseHeader>
0196	<ProtocolVersion>
0197	<ProtocolVersionMajor type="Integer" value="1"/>
0198	<ProtocolVersionMinor type="Integer" value="1"/>
0199	</ProtocolVersion>
0200	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0201	<BatchCount type="Integer" value="1"/>
0202	</ResponseHeader>
0203	<BatchItem>
0204	<Operation type="Enumeration" value="Locate"/>
0205	<ResultStatus type="Enumeration" value="Success"/>
0206	<ResponsePayload>
0207	</ResponsePayload>
0208	</BatchItem>
0209	</ResponseMessage>

319

320 **3.5.33.11.3 SKFF-O-3-11**

321 Create, Get, Activate, Revoke, Locate, Add/Mod/Del Attributes, Destroy SKIPJACK-80

0001	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="1"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
0016	Algorithm"/>
0017	<AttributeValue type="Enumeration" value="SKIPJACK"/>
0018	</Attribute>
0018	<Attribute>

0019	<AttributeName type="TextString" value="Cryptographic Length"/>
0020	<AttributeValue type="Integer" value="80"/>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Name"/>
0024	<AttributeValue>
0025	<NameValue type="TextString" value="SKFF-O-3-11"/>
0026	<NameType type="Enumeration" value="UninterpretedTextString"/>
0027	</AttributeValue>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic Usage Mask"/>
0031	<AttributeValue type="Integer" value="Encrypt"/>
0032	</Attribute>
0033	</TemplateAttribute>
0034	</RequestPayload>
0035	</BatchItem>
0036	</RequestMessage>
0037	<ResponseMessage>
0038	<ResponseHeader>
0039	<ProtocolVersion>
0040	<ProtocolVersionMajor type="Integer" value="1"/>
0041	<ProtocolVersionMinor type="Integer" value="1"/>
0042	</ProtocolVersion>
0043	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0044	<BatchCount type="Integer" value="1"/>
0045	</ResponseHeader>
0046	<BatchItem>
0047	<Operation type="Enumeration" value="Create"/>
0048	<ResultStatus type="Enumeration" value="Success"/>
0049	<ResponsePayload>
0050	<ObjectType type="Enumeration" value="SymmetricKey"/>
0051	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0052	</ResponsePayload>
0053	</BatchItem>
0054	</ResponseMessage>
	# TIME 1
0055	<RequestMessage>
0056	<RequestHeader>
0057	<ProtocolVersion>
0058	<ProtocolVersionMajor type="Integer" value="1"/>
0059	<ProtocolVersionMinor type="Integer" value="1"/>
0060	</ProtocolVersion>
0061	<BatchCount type="Integer" value="1"/>
0062	</RequestHeader>
0063	<BatchItem>
0064	<Operation type="Enumeration" value="GetAttributes"/>
0065	<RequestPayload>
0066	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0067	<AttributeName type="TextString" value="State"/>
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0069	</BatchItem>
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0071	<ResponseMessage>
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0078	<BatchCount type="Integer" value="1"/>
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0080	<BatchItem>
0081	<Operation type="Enumeration" value="GetAttributes"/>
0082	<ResultStatus type="Enumeration" value="Success"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0085	<Attribute>
0086	<AttributeName type="TextString" value="State"/>
0087	<AttributeValue type="Enumeration" value="PreActive"/>
0088	</Attribute>
0089	</ResponsePayload>
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# TIME 2	
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0114	<BatchCount type="Integer" value="1"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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# TIME 3	

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0134	<RequestPayload>
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0136	<AttributeName type="TextString" value="State"/>
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0138	</BatchItem>
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0147	<BatchCount type="Integer" value="1"/>
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0169	<BatchItem>
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0171	<RequestPayload>
0172	<Attribute>
0173	<AttributeName type="TextString" value="Object Type"/>
0174	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0175	</Attribute>
0176	<Attribute>
0177	<AttributeName type="TextString" value="Name"/>
0178	<AttributeValue>

0179	<NameValue type="TextString" value="SKFF-O-3-11"/>
0180	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0181	</AttributeValue>
0182	</Attribute>
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0186	<ResponseMessage>
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0193	<BatchCount type="Integer" value="1"/>
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0195	<BatchItem>
0196	<Operation type="Enumeration" value="Locate"/>
0197	<ResultStatus type="Enumeration" value="Success"/>
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0210	</RequestHeader>
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0225	<BatchCount type="Integer" value="1"/>
0226	</ResponseHeader>
0227	<BatchItem>
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0233	value="\$UNIQUE_IDENTIFIER_0"/>
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0235	<KeyBlock>
0236	<KeyFormatType type="Enumeration" value="Raw"/>
0237	<KeyValue>
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0239	value="1778963e51b52027aaa0"/>
0240	</KeyValue>
0241	<CryptographicAlgorithm type="Enumeration"
0242	value="SKIPJACK"/>
0243	<CryptographicLength type="Integer" value="80"/>
0244	</KeyBlock>
0245	</SymmetricKey>
	</ResponsePayload>
	</BatchItem>
	</ResponseMessage>
	# TIME 6
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0256	<RequestPayload>
0257	<UniqueIdentifier type="TextString"
0258	value="\$UNIQUE_IDENTIFIER_0"/>
0259	<RevocationReason>
0260	<RevocationReasonCode type="Enumeration"
0261	value="KeyCompromise"/>
0262	</RevocationReason>
0263	<CompromiseOccurrenceDate type="DateTime" value="1970-01-
0264	01T00:00:06+00:00"/>
0265	</RequestPayload>
0266	</BatchItem>
0267	</RequestMessage>
0268	<ResponseMessage>
0269	<ResponseHeader>
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0275	<BatchCount type="Integer" value="1"/>
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0278	<Operation type="Enumeration" value="Revoke"/>
0279	<ResultStatus type="Enumeration" value="Success"/>
0280	<ResponsePayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
	</ResponsePayload>
	</BatchItem>
	</ResponseMessage>
	# TIME 7

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0289	</RequestHeader>
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0292	<RequestPayload>
0293	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0294	<AttributeName type="TextString" value="State"/>
0295	</RequestPayload>
0296	</BatchItem>
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0298	<ResponseMessage>
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0305	<BatchCount type="Integer" value="1"/>
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0312	<Attribute>
0313	<AttributeName type="TextString" value="State"/>
0314	<AttributeValue type="Enumeration" value="Compromised"/>
0315	</Attribute>
0316	</ResponsePayload>
0317	</BatchItem>
0318	</ResponseMessage>
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0320	<RequestMessage>
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0328	<BatchItem>
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0332	</BatchItem>
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0341	<BatchCount type="Integer" value="1"/>
0342	</ResponseHeader>
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0345	<ResultStatus type="Enumeration" value="Success"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0348	<AttributeName type="TextString" value="Unique Identifier"/>
0349	<AttributeName type="TextString" value="Object Type"/>
0350	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0351	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0352	<AttributeName type="TextString" value="Activation Date"/>
0353	<AttributeName type="TextString" value="Compromise Date"/>
0354	<AttributeName type="TextString" value="Compromise Occurrence
	Date"/>
0355	<AttributeName type="TextString" value="Cryptographic Usage
	Mask"/>
0356	<AttributeName type="TextString" value="Digest"/>
0357	<AttributeName type="TextString" value="Fresh"/>
0358	<AttributeName type="TextString" value="Initial Date"/>
0359	<AttributeName type="TextString" value="Last Change Date"/>
0360	<AttributeName type="TextString" value="Lease Time"/>
0361	<AttributeName type="TextString" value="Name"/>
0362	<AttributeName type="TextString" value="Revocation Reason"/>
0363	<AttributeName type="TextString" value="State"/>
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0365	</BatchItem>
0366	</ResponseMessage>
	# TIME 9
0367	<RequestMessage>
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0376	<Operation type="Enumeration" value="GetAttributes"/>
0377	<RequestPayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0379	<AttributeName type="TextString" value="State"/>
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0390	<BatchCount type="Integer" value="1"/>
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0392	<BatchItem>
0393	<Operation type="Enumeration" value="GetAttributes"/>
0394	<ResultStatus type="Enumeration" value="Success"/>
0395	<ResponsePayload>
0396	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0397	<Attribute>
0398	<AttributeName type="TextString" value="State"/>
0399	<AttributeValue type="Enumeration" value="Compromised"/>
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# TIME 10	
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0411	</RequestHeader>
0412	<BatchItem>
0413	<Operation type="Enumeration" value="AddAttribute"/>
0414	<UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0415	<RequestPayload>
0416	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0417	<Attribute>
0418	<AttributeName type="TextString" value="x-attribute1"/>
0419	<AttributeValue type="TextString" value="Value1"/>
0420	</Attribute>
0421	</RequestPayload>
0422	</BatchItem>
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0425	<UniqueBatchItemID type="ByteString" value="9b898dc0577f8080"/>
0426	<RequestPayload>
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0428	<Attribute>
0429	<AttributeName type="TextString" value="x-attribute2"/>
0430	<AttributeValue type="TextString" value="Value2"/>
0431	</Attribute>
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0433	</BatchItem>
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0442	<BatchCount type="Integer" value="2"/>
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0446	<UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0447	<ResultStatus type="Enumeration" value="Success"/>
0448	<ResponsePayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0450	<Attribute>
0451	<AttributeName type="TextString" value="x-attribute1"/>
0452	<AttributeValue type="TextString" value="Value1"/>
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0459	<ResultStatus type="Enumeration" value="Success"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0463	<AttributeName type="TextString" value="x-attribute2"/>
0464	<AttributeValue type="TextString" value="Value2"/>
0465	</Attribute>
0466	</ResponsePayload>
0467	</BatchItem>
0468	</ResponseMessage>
	# TIME 11
0469	<RequestMessage>
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0476	</RequestHeader>
0477	<BatchItem>
0478	<Operation type="Enumeration" value="ModifyAttribute"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0483	<AttributeName type="TextString" value="x-attribute1"/>
0484	<AttributeValue type="TextString" value="ModifiedValue1"/>
0485	</Attribute>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0495	<AttributeValue type="TextString" value="ModifiedValue2"/>
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0504	<ProtocolVersionMinor type="Integer" value="1"/>
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0507	<BatchCount type="Integer" value="2"/>
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0515	value="\$UNIQUE_IDENTIFIER_0"/>
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0517	<AttributeName type="TextString" value="x-attribute1"/>
0518	<AttributeValue type="TextString" value="ModifiedValue1"/>
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0525	<ResultStatus type="Enumeration" value="Success"/>
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0528	value="\$UNIQUE_IDENTIFIER_0"/>
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0530	<AttributeName type="TextString" value="x-attribute2"/>
0531	<AttributeValue type="TextString" value="ModifiedValue2"/>
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0533	</ResponsePayload>
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0535	</ResponseMessage>
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0537	<RequestMessage>
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0544	</RequestHeader>
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0547	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
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0550	value="\$UNIQUE_IDENTIFIER_0"/>
0551	<AttributeName type="TextString" value="x-attribute1"/>

0548	</RequestPayload>
0549	</BatchItem>
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0555	<AttributeName type="TextString" value="x-attribute2"/>
0556	</RequestPayload>
0557	</BatchItem>
0558	</RequestMessage>
0559	<ResponseMessage>
0560	<ResponseHeader>
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0571	<ResultStatus type="Enumeration" value="Success"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0575	<AttributeName type="TextString" value="x-attribute1"/>
0576	<AttributeValue type="TextString" value="ModifiedValue1"/>
0577	</Attribute>
0578	</ResponsePayload>
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0583	<ResultStatus type="Enumeration" value="Success"/>
0584	<ResponsePayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0586	<Attribute>
0587	<AttributeName type="TextString" value="x-attribute2"/>
0588	<AttributeValue type="TextString" value="ModifiedValue2"/>
0589	</Attribute>
0590	</ResponsePayload>
0591	</BatchItem>
0592	</ResponseMessage>
	# TIME 13
0593	<RequestMessage>
0594	<RequestHeader>
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0600	</RequestHeader>
0601	<BatchItem>

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0605	value="\$UNIQUE_IDENTIFIER_0"/>
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0607	</BatchItem>
0608	</RequestMessage>
0608	<ResponseMessage>
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0614	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0615	<BatchCount type="Integer" value="1"/>
0616	</ResponseHeader>
0617	<BatchItem>
0618	<Operation type="Enumeration" value="Get"/>
0619	<ResultStatus type="Enumeration" value="Success"/>
0620	<ResponsePayload>
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0622	<UniqueIdentifier type="TextString"
0623	value="\$UNIQUE_IDENTIFIER_0"/>
0624	<SymmetricKey>
0625	<KeyBlock>
0626	<KeyFormatType type="Enumeration" value="Raw"/>
0627	<KeyValue>
0628	<KeyMaterial type="ByteString"
0629	value="1778963e51b52027aaa0"/>
0630	</KeyValue>
0631	<CryptographicAlgorithm type="Enumeration"
0632	value="SKIPJACK"/>
0633	<CryptographicLength type="Integer" value="80"/>
0634	</KeyBlock>
0635	</SymmetricKey>
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	</ResponseMessage>
0636	# TIME 14
0637	<RequestMessage>
0638	<RequestHeader>
0639	<ProtocolVersion>
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0642	</ProtocolVersion>
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0644	</RequestHeader>
0645	<BatchItem>
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0647	<RequestPayload>
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0649	value="\$UNIQUE_IDENTIFIER_0"/>
0650	</RequestPayload>
0651	</BatchItem>
0652	</RequestMessage>
0653	<ResponseMessage>
	<ResponseHeader>
	<ProtocolVersion>

0654	<ProtocolVersionMajor type="Integer" value="1"/>
0655	<ProtocolVersionMinor type="Integer" value="1"/>
0656	</ProtocolVersion>
0657	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0658	<BatchCount type="Integer" value="1"/>
0659	</ResponseHeader>
0660	<BatchItem>
0661	<Operation type="Enumeration" value="Destroy"/>
0662	<ResultStatus type="Enumeration" value="Success"/>
0663	<ResponsePayload>
0664	<UniqueIdentifier type="TextString"
	value="\$UNIQUE IDENTIFIER 0"/>
0665	</ResponsePayload>
0666	</BatchItem>
0667	</ResponseMessage>

322

323 **3.5.43.11.4 SKFF-O-4-11**

324 Create, Destroy DES3-112

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="1"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0016	<AttributeValue type="Enumeration" value="DES3"/>
0017	</Attribute>
0018	<Attribute>
0019	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0020	<AttributeValue type="Integer" value="112"/>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Cryptographic
	Usage Mask"/>
0024	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0025	</Attribute>
0026	</TemplateAttribute>
0027	</RequestPayload>
0028	</BatchItem>
0029	</RequestMessage>
0030	<ResponseMessage>
0031	<ResponseHeader>
0032	<ProtocolVersion>
0033	<ProtocolVersionMajor type="Integer" value="1"/>

0034	<ProtocolVersionMinor type="Integer" value="1"/>
0035	</ProtocolVersion>
0036	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0037	<BatchCount type="Integer" value="1"/>
0038	</ResponseHeader>
0039	<BatchItem>
0040	<Operation type="Enumeration" value="Create"/>
0041	<ResultStatus type="Enumeration" value="Success"/>
0042	<ResponsePayload>
0043	<ObjectType type="Enumeration" value="SymmetricKey"/>
0044	<UniqueIdentifier type="TextString"
0045	value="\$UNIQUE_IDENTIFIER_0"/>
0046	</ResponsePayload>
0047	</BatchItem>
0048	</ResponseMessage>
# TIME 1	
0048	<RequestMessage>
0049	<RequestHeader>
0050	<ProtocolVersion>
0051	<ProtocolVersionMajor type="Integer" value="1"/>
0052	<ProtocolVersionMinor type="Integer" value="1"/>
0053	</ProtocolVersion>
0054	<BatchCount type="Integer" value="1"/>
0055	</RequestHeader>
0056	<BatchItem>
0057	<Operation type="Enumeration" value="Destroy"/>
0058	<RequestPayload>
0059	<UniqueIdentifier type="TextString"
0060	value="\$UNIQUE_IDENTIFIER_0"/>
0061	</RequestPayload>
0062	</BatchItem>
0063	</RequestMessage>
0063	<ResponseMessage>
0064	<ResponseHeader>
0065	<ProtocolVersion>
0066	<ProtocolVersionMajor type="Integer" value="1"/>
0067	<ProtocolVersionMinor type="Integer" value="1"/>
0068	</ProtocolVersion>
0069	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0070	<BatchCount type="Integer" value="1"/>
0071	</ResponseHeader>
0072	<BatchItem>
0073	<Operation type="Enumeration" value="Destroy"/>
0074	<ResultStatus type="Enumeration" value="Success"/>
0075	<ResponsePayload>
0076	<UniqueIdentifier type="TextString"
0077	value="\$UNIQUE_IDENTIFIER_0"/>
0078	</ResponsePayload>
0079	</BatchItem>
0079	</ResponseMessage>

325

326 **3-5.53.11.5 SKFF-O-5-11**

327 Create, Locate, Get, Destroy, Locate DES3-112

0001	# TIME 0 <RequestMessage>
------	------------------------------

0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="1"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-O-5-11"/>
0018	<NameType type="Enumeration"
0019	value="UninterpretedTextString"/>
0020	</AttributeValue>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Cryptographic
0024	Algorithm"/>
0025	<AttributeValue type="Enumeration" value="DES3"/>
0026	</Attribute>
0027	<Attribute>
0028	<AttributeName type="TextString" value="Cryptographic
0029	Length"/>
0030	<AttributeValue type="Integer" value="112"/>
0031	</Attribute>
0032	<Attribute>
0033	<AttributeName type="TextString" value="Cryptographic
0034	Usage Mask"/>
0035	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0036	</Attribute>
0037	<Attribute>
0038	<AttributeName type="TextString" value="Contact
0039	Information"/>
0040	<AttributeValue type="TextString" value="Joe"/>
0041	</Attribute>
0042	</TemplateAttribute>
0043	</RequestPayload>
0044	</BatchItem>
0045	</RequestMessage>
0046	<ResponseMessage>
0047	<ResponseHeader>
0048	<ProtocolVersion>
0049	<ProtocolVersionMajor type="Integer" value="1"/>
0050	<ProtocolVersionMinor type="Integer" value="1"/>
0051	</ProtocolVersion>
0052	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0053	<BatchCount type="Integer" value="1"/>
0054	</ResponseHeader>
0055	<BatchItem>
0056	<Operation type="Enumeration" value="Create"/>
0057	<ResultStatus type="Enumeration" value="Success"/>
0058	<ResponsePayload>
0059	<ObjectType type="Enumeration" value="SymmetricKey"/>

0055	<UniqueIdentifier type="TextString"
0056	value="\$UNIQUE_IDENTIFIER_0"/>
0057	</ResponsePayload>
0058	</BatchItem>
	</ResponseMessage>
0059	# TIME 1
0060	<RequestMessage>
0061	<RequestHeader>
0062	<ProtocolVersion>
0063	<ProtocolVersionMajor type="Integer" value="1"/>
0064	<ProtocolVersionMinor type="Integer" value="1"/>
0065	</ProtocolVersion>
0066	<BatchCount type="Integer" value="1"/>
0067	</RequestHeader>
0068	<BatchItem>
0069	<Operation type="Enumeration" value="Locate"/>
0070	<RequestPayload>
0071	<Attribute>
0072	<AttributeName type="TextString" value="Object Type"/>
0073	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0074	</Attribute>
0075	<Attribute>
0076	<AttributeName type="TextString" value="Name"/>
0077	<AttributeValue>
0078	<NameValue type="TextString" value="SKFF-O-5-11"/>
0079	<NameType type="Enumeration"
0080	value="UninterpretedTextString"/>
0081	</AttributeValue>
0082	</Attribute>
0083	</RequestPayload>
0084	</BatchItem>
0085	</RequestMessage>
0086	<ResponseMessage>
0087	<ResponseHeader>
0088	<ProtocolVersion>
0089	<ProtocolVersionMajor type="Integer" value="1"/>
0090	<ProtocolVersionMinor type="Integer" value="1"/>
0091	</ProtocolVersion>
0092	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0093	<BatchCount type="Integer" value="1"/>
0094	</ResponseHeader>
0095	<BatchItem>
0096	<Operation type="Enumeration" value="Locate"/>
0097	<ResultStatus type="Enumeration" value="Success"/>
0098	<ResponsePayload>
0099	<UniqueIdentifier type="TextString"
0100	value="\$UNIQUE_IDENTIFIER_0"/>
	</ResponsePayload>
	</BatchItem>
	</ResponseMessage>
0101	# TIME 2
0102	<RequestMessage>
0103	<RequestHeader>
0104	<ProtocolVersion>
0105	<ProtocolVersionMajor type="Integer" value="1"/>
0106	<ProtocolVersionMinor type="Integer" value="1"/>
0107	</ProtocolVersion>
	<BatchCount type="Integer" value="1"/>

0108	</RequestHeader>
0109	<BatchItem>
0110	<Operation type="Enumeration" value="Get"/>
0111	<RequestPayload>
0112	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0113	</RequestPayload>
0114	</BatchItem>
0115	</RequestMessage>
0116	<ResponseMessage>
0117	<ResponseHeader>
0118	<ProtocolVersion>
0119	<ProtocolVersionMajor type="Integer" value="1"/>
0120	<ProtocolVersionMinor type="Integer" value="1"/>
0121	</ProtocolVersion>
0122	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0123	<BatchCount type="Integer" value="1"/>
0124	</ResponseHeader>
0125	<BatchItem>
0126	<Operation type="Enumeration" value="Get"/>
0127	<ResultStatus type="Enumeration" value="Success"/>
0128	<ResponsePayload>
0129	<ObjectType type="Enumeration" value="SymmetricKey"/>
0130	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0131	<SymmetricKey>
0132	<KeyBlock>
0133	<KeyFormatType type="Enumeration" value="Raw"/>
0134	<KeyValue>
0135	<KeyMaterial type="ByteString"
	value="370edc5897b0e957686ebad5c140a40e"/>
0136	</KeyValue>
0137	<CryptographicAlgorithm type="Enumeration" value="DES3"/>
0138	<CryptographicLength type="Integer" value="112"/>
0139	</KeyBlock>
0140	</SymmetricKey>
0141	</ResponsePayload>
0142	</BatchItem>
0143	</ResponseMessage>
	# TIME 3
0144	<RequestMessage>
0145	<RequestHeader>
0146	<ProtocolVersion>
0147	<ProtocolVersionMajor type="Integer" value="1"/>
0148	<ProtocolVersionMinor type="Integer" value="1"/>
0149	</ProtocolVersion>
0150	<BatchCount type="Integer" value="1"/>
0151	</RequestHeader>
0152	<BatchItem>
0153	<Operation type="Enumeration" value="Destroy"/>
0154	<RequestPayload>
0155	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0156	</RequestPayload>
0157	</BatchItem>
0158	</RequestMessage>
0159	<ResponseMessage>
0160	<ResponseHeader>

0161	<ProtocolVersion>
0162	<ProtocolVersionMajor type="Integer" value="1"/>
0163	<ProtocolVersionMinor type="Integer" value="1"/>
0164	</ProtocolVersion>
0165	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0166	<BatchCount type="Integer" value="1"/>
0167	</ResponseHeader>
0168	<BatchItem>
0169	<Operation type="Enumeration" value="Destroy"/>
0170	<ResultStatus type="Enumeration" value="Success"/>
0171	<ResponsePayload>
0172	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0173	</ResponsePayload>
0174	</BatchItem>
0175	</ResponseMessage>
	# TIME 4
0176	<RequestMessage>
0177	<RequestHeader>
0178	<ProtocolVersion>
0179	<ProtocolVersionMajor type="Integer" value="1"/>
0180	<ProtocolVersionMinor type="Integer" value="1"/>
0181	</ProtocolVersion>
0182	<BatchCount type="Integer" value="1"/>
0183	</RequestHeader>
0184	<BatchItem>
0185	<Operation type="Enumeration" value="Locate"/>
0186	<RequestPayload>
0187	<Attribute>
0188	<AttributeName type="TextString" value="Unique Identifier"/>
0189	<AttributeValue type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0190	</Attribute>
0191	</RequestPayload>
0192	</BatchItem>
0193	</RequestMessage>
0194	<ResponseMessage>
0195	<ResponseHeader>
0196	<ProtocolVersion>
0197	<ProtocolVersionMajor type="Integer" value="1"/>
0198	<ProtocolVersionMinor type="Integer" value="1"/>
0199	</ProtocolVersion>
0200	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0201	<BatchCount type="Integer" value="1"/>
0202	</ResponseHeader>
0203	<BatchItem>
0204	<Operation type="Enumeration" value="Locate"/>
0205	<ResultStatus type="Enumeration" value="Success"/>
0206	<ResponsePayload>
0207	</ResponsePayload>
0208	</BatchItem>
0209	</ResponseMessage>

328

329 **3.5.63.11.6 SKFF-O-6-11**

330 Create, Get, Activate, Revoke, Locate, Add/Mod/Del Attributes, Destroy DES3-112

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="1"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
0016	Algorithm"/>
0017	<AttributeValue type="Enumeration" value="DES3"/>
0018	</Attribute>
0019	<Attribute>
0020	<AttributeName type="TextString" value="Cryptographic
0021	Length"/>
0022	<AttributeValue type="Integer" value="112"/>
0023	</Attribute>
0024	<Attribute>
0025	<AttributeName type="TextString" value="Name"/>
0026	<AttributeValue>
0027	<NameValue type="TextString" value="SKFF-O-6-11"/>
0028	<NameType type="Enumeration"
0029	value="UninterpretedTextString"/>
0030	</Attribute>
0031	</Attribute>
0032	<Attribute>
0033	<AttributeName type="TextString" value="Cryptographic
0034	Usage Mask"/>
0035	<AttributeValue type="Integer" value="Encrypt"/>
0036	</Attribute>
0037	</TemplateAttribute>
0038	</RequestPayload>
0039	</BatchItem>
0040	</RequestMessage>
0041	<ResponseMessage>
0042	<ResponseHeader>
0043	<ProtocolVersion>
0044	<ProtocolVersionMajor type="Integer" value="1"/>
0045	<ProtocolVersionMinor type="Integer" value="1"/>
0046	</ProtocolVersion>
0047	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0048	<BatchCount type="Integer" value="1"/>
0049	</ResponseHeader>
0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
	<ResponsePayload>
	<ObjectType type="Enumeration" value="SymmetricKey"/>
	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
	</ResponsePayload>

0053	</BatchItem>
0054	</ResponseMessage>
# TIME 1	
0055	<RequestMessage>
0056	<RequestHeader>
0057	<ProtocolVersion>
0058	<ProtocolVersionMajor type="Integer" value="1"/>
0059	<ProtocolVersionMinor type="Integer" value="1"/>
0060	</ProtocolVersion>
0061	<BatchCount type="Integer" value="1"/>
0062	</RequestHeader>
0063	<BatchItem>
0064	<Operation type="Enumeration" value="GetAttributes"/>
0065	<RequestPayload>
0066	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0067	<AttributeName type="TextString" value="State"/>
0068	</RequestPayload>
0069	</BatchItem>
0070	</RequestMessage>
0071	<ResponseMessage>
0072	<ResponseHeader>
0073	<ProtocolVersion>
0074	<ProtocolVersionMajor type="Integer" value="1"/>
0075	<ProtocolVersionMinor type="Integer" value="1"/>
0076	</ProtocolVersion>
0077	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0078	<BatchCount type="Integer" value="1"/>
0079	</ResponseHeader>
0080	<BatchItem>
0081	<Operation type="Enumeration" value="GetAttributes"/>
0082	<ResultStatus type="Enumeration" value="Success"/>
0083	<ResponsePayload>
0084	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0085	<Attribute>
0086	<AttributeName type="TextString" value="State"/>
0087	<AttributeValue type="Enumeration" value="PreActive"/>
0088	</Attribute>
0089	</ResponsePayload>
0090	</BatchItem>
0091	</ResponseMessage>
# TIME 2	
0092	<RequestMessage>
0093	<RequestHeader>
0094	<ProtocolVersion>
0095	<ProtocolVersionMajor type="Integer" value="1"/>
0096	<ProtocolVersionMinor type="Integer" value="1"/>
0097	</ProtocolVersion>
0098	<BatchCount type="Integer" value="1"/>
0099	</RequestHeader>
0100	<BatchItem>
0101	<Operation type="Enumeration" value="Activate"/>
0102	<RequestPayload>
0103	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0104	</RequestPayload>
0105	</BatchItem>

0106	</RequestMessage>
0107	<ResponseMessage>
0108	<ResponseHeader>
0109	<ProtocolVersion>
0110	<ProtocolVersionMajor type="Integer" value="1"/>
0111	<ProtocolVersionMinor type="Integer" value="1"/>
0112	</ProtocolVersion>
0113	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0114	<BatchCount type="Integer" value="1"/>
0115	</ResponseHeader>
0116	<BatchItem>
0117	<Operation type="Enumeration" value="Activate"/>
0118	<ResultStatus type="Enumeration" value="Success"/>
0119	<ResponsePayload>
0120	<UniqueIdentifier type="TextString"
0121	value="\$UNIQUE_IDENTIFIER_0"/>
0122	</ResponsePayload>
0123	</BatchItem>
0123	</ResponseMessage>
# TIME 3	
0124	<RequestMessage>
0125	<RequestHeader>
0126	<ProtocolVersion>
0127	<ProtocolVersionMajor type="Integer" value="1"/>
0128	<ProtocolVersionMinor type="Integer" value="1"/>
0129	</ProtocolVersion>
0130	<BatchCount type="Integer" value="1"/>
0131	</RequestHeader>
0132	<BatchItem>
0133	<Operation type="Enumeration" value="GetAttributes"/>
0134	<RequestPayload>
0135	<UniqueIdentifier type="TextString"
0136	value="\$UNIQUE_IDENTIFIER_0"/>
0137	<AttributeName type="TextString" value="State"/>
0138	</RequestPayload>
0139	</BatchItem>
0139	</RequestMessage>
0140	<ResponseMessage>
0141	<ResponseHeader>
0142	<ProtocolVersion>
0143	<ProtocolVersionMajor type="Integer" value="1"/>
0144	<ProtocolVersionMinor type="Integer" value="1"/>
0145	</ProtocolVersion>
0146	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0147	<BatchCount type="Integer" value="1"/>
0148	</ResponseHeader>
0149	<BatchItem>
0150	<Operation type="Enumeration" value="GetAttributes"/>
0151	<ResultStatus type="Enumeration" value="Success"/>
0152	<ResponsePayload>
0153	<UniqueIdentifier type="TextString"
0154	value="\$UNIQUE_IDENTIFIER_0"/>
0155	<Attribute>
0156	<AttributeName type="TextString" value="State"/>
0157	<AttributeValue type="Enumeration" value="Active"/>
0158	</Attribute>
0159	</ResponsePayload>
0159	</BatchItem>

0160	</ResponseMessage>
0161	# TIME 4
0162	<RequestMessage>
0163	<RequestHeader>
0164	<ProtocolVersion>
0165	<ProtocolVersionMajor type="Integer" value="1"/>
0166	<ProtocolVersionMinor type="Integer" value="1"/>
0167	</ProtocolVersion>
0168	<BatchCount type="Integer" value="1"/>
0169	</RequestHeader>
0170	<BatchItem>
0171	<Operation type="Enumeration" value="Locate"/>
0172	<RequestPayload>
0173	<Attribute>
0174	<AttributeName type="TextString" value="Object Type"/>
0175	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0176	</Attribute>
0177	<Attribute>
0178	<AttributeName type="TextString" value="Name"/>
0179	<AttributeValue>
0180	<NameValue type="TextString" value="SKFF-O-6-11"/>
0181	<NameType type="Enumeration"
0182	value="UninterpretedTextString"/>
0183	</AttributeValue>
0184	</Attribute>
0185	</RequestPayload>
0186	</BatchItem>
0187	</RequestMessage>
0188	<ResponseMessage>
0189	<ResponseHeader>
0190	<ProtocolVersion>
0191	<ProtocolVersionMajor type="Integer" value="1"/>
0192	<ProtocolVersionMinor type="Integer" value="1"/>
0193	</ProtocolVersion>
0194	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0195	<BatchCount type="Integer" value="1"/>
0196	</ResponseHeader>
0197	<BatchItem>
0198	<Operation type="Enumeration" value="Locate"/>
0199	<ResultStatus type="Enumeration" value="Success"/>
0200	<ResponsePayload>
0201	<UniqueIdentifier type="TextString"
0202	value="\$UNIQUE_IDENTIFIER_0"/>
0203	</ResponsePayload>
0204	</BatchItem>
0205	</ResponseMessage>
0206	# TIME 5
0207	<RequestMessage>
0208	<RequestHeader>
0209	<ProtocolVersion>
0210	<ProtocolVersionMajor type="Integer" value="1"/>
0211	<ProtocolVersionMinor type="Integer" value="1"/>
0212	</ProtocolVersion>
0213	<BatchCount type="Integer" value="1"/>
0214	</RequestHeader>
0215	<BatchItem>
0216	<Operation type="Enumeration" value="Get"/>
0217	<RequestPayload>

0214	<UniqueIdentifier type="TextString"
0215	value="\$UNIQUE_IDENTIFIER_0"/>
0216	</RequestPayload>
0217	</BatchItem>
0218	</RequestMessage>
0218	<ResponseMessage>
0219	<ResponseHeader>
0220	<ProtocolVersion>
0221	<ProtocolVersionMajor type="Integer" value="1"/>
0222	<ProtocolVersionMinor type="Integer" value="1"/>
0223	</ProtocolVersion>
0224	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0225	<BatchCount type="Integer" value="1"/>
0226	</ResponseHeader>
0227	<BatchItem>
0228	<Operation type="Enumeration" value="Get"/>
0229	<ResultStatus type="Enumeration" value="Success"/>
0230	<ResponsePayload>
0231	<ObjectType type="Enumeration" value="SymmetricKey"/>
0232	<UniqueIdentifier type="TextString"
0233	value="\$UNIQUE_IDENTIFIER_0"/>
0234	<SymmetricKey>
0235	<KeyBlock>
0236	<KeyFormatType type="Enumeration" value="Raw"/>
0237	<KeyValue>
0238	<KeyMaterial type="ByteString"
0239	value="100129b96802a2152aa8d9fb54ec1f83"/>
0240	</KeyValue>
0241	<CryptographicAlgorithm type="Enumeration" value="DES3"/>
0242	<CryptographicLength type="Integer" value="112"/>
0243	</KeyBlock>
0244	</SymmetricKey>
0245	</ResponsePayload>
0246	</BatchItem>
0247	</ResponseMessage>
0246	# TIME 6
0247	<RequestMessage>
0248	<RequestHeader>
0249	<ProtocolVersion>
0250	<ProtocolVersionMajor type="Integer" value="1"/>
0251	<ProtocolVersionMinor type="Integer" value="1"/>
0252	</ProtocolVersion>
0253	<BatchCount type="Integer" value="1"/>
0254	</RequestHeader>
0255	<BatchItem>
0256	<Operation type="Enumeration" value="Revoke"/>
0257	<RequestPayload>
0258	<UniqueIdentifier type="TextString"
0259	value="\$UNIQUE_IDENTIFIER_0"/>
0260	<RevocationReason>
0261	<RevocationReasonCode type="Enumeration"
0262	value="KeyCompromise"/>
0263	</RevocationReason>
0264	<CompromiseOccurrenceDate type="DateTime" value="1970-01-01T00:00:06+00:00"/>
0265	</RequestPayload>
0266	</BatchItem>
0267	</RequestMessage>

0265	<ResponseMessage>
0266	<ResponseHeader>
0267	<ProtocolVersion>
0268	<ProtocolVersionMajor type="Integer" value="1"/>
0269	<ProtocolVersionMinor type="Integer" value="1"/>
0270	</ProtocolVersion>
0271	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0272	<BatchCount type="Integer" value="1"/>
0273	</ResponseHeader>
0274	<BatchItem>
0275	<Operation type="Enumeration" value="Revoke"/>
0276	<ResultStatus type="Enumeration" value="Success"/>
0277	<ResponsePayload>
0278	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0279	</ResponsePayload>
0280	</BatchItem>
0281	</ResponseMessage>
# TIME 7	
0282	<RequestMessage>
0283	<RequestHeader>
0284	<ProtocolVersion>
0285	<ProtocolVersionMajor type="Integer" value="1"/>
0286	<ProtocolVersionMinor type="Integer" value="1"/>
0287	</ProtocolVersion>
0288	<BatchCount type="Integer" value="1"/>
0289	</RequestHeader>
0290	<BatchItem>
0291	<Operation type="Enumeration" value="GetAttributes"/>
0292	<RequestPayload>
0293	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0294	<AttributeName type="TextString" value="State"/>
0295	</RequestPayload>
0296	</BatchItem>
0297	</RequestMessage>
0298	<ResponseMessage>
0299	<ResponseHeader>
0300	<ProtocolVersion>
0301	<ProtocolVersionMajor type="Integer" value="1"/>
0302	<ProtocolVersionMinor type="Integer" value="1"/>
0303	</ProtocolVersion>
0304	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0305	<BatchCount type="Integer" value="1"/>
0306	</ResponseHeader>
0307	<BatchItem>
0308	<Operation type="Enumeration" value="GetAttributes"/>
0309	<ResultStatus type="Enumeration" value="Success"/>
0310	<ResponsePayload>
0311	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0312	<Attribute>
0313	<AttributeName type="TextString" value="State"/>
0314	<AttributeValue type="Enumeration" value="Compromised"/>
0315	</Attribute>
0316	</ResponsePayload>
0317	</BatchItem>
0318	</ResponseMessage>

	# TIME 8
0319	<RequestMessage>
0320	<RequestHeader>
0321	<ProtocolVersion>
0322	<ProtocolVersionMajor type="Integer" value="1"/>
0323	<ProtocolVersionMinor type="Integer" value="1"/>
0324	</ProtocolVersion>
0325	<BatchCount type="Integer" value="1"/>
0326	</RequestHeader>
0327	<BatchItem>
0328	<Operation type="Enumeration" value="GetAttributeList"/>
0329	<RequestPayload>
0330	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0331	</RequestPayload>
0332	</BatchItem>
0333	</RequestMessage>
0334	<ResponseMessage>
0335	<ResponseHeader>
0336	<ProtocolVersion>
0337	<ProtocolVersionMajor type="Integer" value="1"/>
0338	<ProtocolVersionMinor type="Integer" value="1"/>
0339	</ProtocolVersion>
0340	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0341	<BatchCount type="Integer" value="1"/>
0342	</ResponseHeader>
0343	<BatchItem>
0344	<Operation type="Enumeration" value="GetAttributeList"/>
0345	<ResultStatus type="Enumeration" value="Success"/>
0346	<ResponsePayload>
0347	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0348	<AttributeName type="TextString" value="Unique Identifier"/>
0349	<AttributeName type="TextString" value="Object Type"/>
0350	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0351	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0352	<AttributeName type="TextString" value="Activation Date"/>
0353	<AttributeName type="TextString" value="Compromise Date"/>
0354	<AttributeName type="TextString" value="Compromise Occurrence
	Date"/>
0355	<AttributeName type="TextString" value="Cryptographic Usage
	Mask"/>
0356	<AttributeName type="TextString" value="Digest"/>
0357	<AttributeName type="TextString" value="Fresh"/>
0358	<AttributeName type="TextString" value="Initial Date"/>
0359	<AttributeName type="TextString" value="Last Change Date"/>
0360	<AttributeName type="TextString" value="Lease Time"/>
0361	<AttributeName type="TextString" value="Name"/>
0362	<AttributeName type="TextString" value="Object Group"/>
0363	<AttributeName type="TextString" value="Revocation Reason"/>
0364	<AttributeName type="TextString" value="State"/>
0365	</ResponsePayload>
0366	</BatchItem>
0367	</ResponseMessage>
	# TIME 9
0368	<RequestMessage>

0369	<RequestHeader>
0370	<ProtocolVersion>
0371	<ProtocolVersionMajor type="Integer" value="1"/>
0372	<ProtocolVersionMinor type="Integer" value="1"/>
0373	</ProtocolVersion>
0374	<BatchCount type="Integer" value="1"/>
0375	</RequestHeader>
0376	<BatchItem>
0377	<Operation type="Enumeration" value="GetAttributes"/>
0378	<RequestPayload>
0379	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0380	<AttributeName type="TextString" value="State"/>
0381	</RequestPayload>
0382	</BatchItem>
0383	</RequestMessage>
0384	<ResponseMessage>
0385	<ResponseHeader>
0386	<ProtocolVersion>
0387	<ProtocolVersionMajor type="Integer" value="1"/>
0388	<ProtocolVersionMinor type="Integer" value="1"/>
0389	</ProtocolVersion>
0390	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0391	<BatchCount type="Integer" value="1"/>
0392	</ResponseHeader>
0393	<BatchItem>
0394	<Operation type="Enumeration" value="GetAttributes"/>
0395	<ResultStatus type="Enumeration" value="Success"/>
0396	<ResponsePayload>
0397	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0398	<Attribute>
0399	<AttributeName type="TextString" value="State"/>
0400	<AttributeValue type="Enumeration" value="Compromised"/>
0401	</Attribute>
0402	</ResponsePayload>
0403	</BatchItem>
0404	</ResponseMessage>
	# TIME 10
0405	<RequestMessage>
0406	<RequestHeader>
0407	<ProtocolVersion>
0408	<ProtocolVersionMajor type="Integer" value="1"/>
0409	<ProtocolVersionMinor type="Integer" value="1"/>
0410	</ProtocolVersion>
0411	<BatchCount type="Integer" value="2"/>
0412	</RequestHeader>
0413	<BatchItem>
0414	<Operation type="Enumeration" value="AddAttribute"/>
0415	<UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0416	<RequestPayload>
0417	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0418	<Attribute>
0419	<AttributeName type="TextString" value="x-attribute1"/>
0420	<AttributeValue type="TextString" value="Value1"/>
0421	</Attribute>
0422	</RequestPayload>

0423	</BatchItem>
0424	<BatchItem>
0425	<Operation type="Enumeration" value="AddAttribute"/>
0426	<UniqueBatchItemID type="ByteString" value="9b898dc0577f8080"/>
0427	<RequestPayload>
0428	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0429	<Attribute>
0430	<AttributeName type="TextString" value="x-attribute2"/>
0431	<AttributeValue type="TextString" value="Value2"/>
0432	</Attribute>
0433	</RequestPayload>
0434	</BatchItem>
0435	</RequestMessage>
0436	<ResponseMessage>
0437	<ResponseHeader>
0438	<ProtocolVersion>
0439	<ProtocolVersionMajor type="Integer" value="1"/>
0440	<ProtocolVersionMinor type="Integer" value="1"/>
0441	</ProtocolVersion>
0442	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0443	<BatchCount type="Integer" value="2"/>
0444	</ResponseHeader>
0445	<BatchItem>
0446	<Operation type="Enumeration" value="AddAttribute"/>
0447	<UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0448	<ResultStatus type="Enumeration" value="Success"/>
0449	<ResponsePayload>
0450	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0451	<Attribute>
0452	<AttributeName type="TextString" value="x-attribute1"/>
0453	<AttributeValue type="TextString" value="Value1"/>
0454	</Attribute>
0455	</ResponsePayload>
0456	</BatchItem>
0457	<BatchItem>
0458	<Operation type="Enumeration" value="AddAttribute"/>
0459	<UniqueBatchItemID type="ByteString" value="9b898dc0577f8080"/>
0460	<ResultStatus type="Enumeration" value="Success"/>
0461	<ResponsePayload>
0462	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0463	<Attribute>
0464	<AttributeName type="TextString" value="x-attribute2"/>
0465	<AttributeValue type="TextString" value="Value2"/>
0466	</Attribute>
0467	</ResponsePayload>
0468	</BatchItem>
0469	</ResponseMessage>
	# TIME 11
0470	<RequestMessage>
0471	<RequestHeader>
0472	<ProtocolVersion>
0473	<ProtocolVersionMajor type="Integer" value="1"/>
0474	<ProtocolVersionMinor type="Integer" value="1"/>
0475	</ProtocolVersion>
0476	<BatchCount type="Integer" value="2"/>

```

0477 </RequestHeader>
0478 <BatchItem>
0479   <Operation type="Enumeration" value="ModifyAttribute"/>
0480   <UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>
0481   <RequestPayload>
0482     <UniqueIdentifier type="TextString"
value="$UNIQUE_IDENTIFIER_0"/>
0483     <Attribute>
0484       <AttributeName type="TextString" value="x-attribute1"/>
0485       <AttributeValue type="TextString" value="ModifiedValue1"/>
0486     </Attribute>
0487   </RequestPayload>
0488 </BatchItem>
0489 <BatchItem>
0490   <Operation type="Enumeration" value="ModifyAttribute"/>
0491   <UniqueBatchItemID type="ByteString" value="33f55c8d7e6cafbf"/>
0492   <RequestPayload>
0493     <UniqueIdentifier type="TextString"
value="$UNIQUE_IDENTIFIER_0"/>
0494     <Attribute>
0495       <AttributeName type="TextString" value="x-attribute2"/>
0496       <AttributeValue type="TextString" value="ModifiedValue2"/>
0497     </Attribute>
0498   </RequestPayload>
0499 </BatchItem>
0500 </RequestMessage>
0501 <ResponseMessage>
0502   <ResponseHeader>
0503     <ProtocolVersion>
0504       <ProtocolVersionMajor type="Integer" value="1"/>
0505       <ProtocolVersionMinor type="Integer" value="1"/>
0506     </ProtocolVersion>
0507     <TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0508     <BatchCount type="Integer" value="2"/>
0509   </ResponseHeader>
0510   <BatchItem>
0511     <Operation type="Enumeration" value="ModifyAttribute"/>
0512     <UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>
0513     <ResultStatus type="Enumeration" value="Success"/>
0514     <ResponsePayload>
0515       <UniqueIdentifier type="TextString"
value="$UNIQUE_IDENTIFIER_0"/>
0516       <Attribute>
0517         <AttributeName type="TextString" value="x-attribute1"/>
0518         <AttributeValue type="TextString" value="ModifiedValue1"/>
0519       </Attribute>
0520     </ResponsePayload>
0521   </BatchItem>
0522   <BatchItem>
0523     <Operation type="Enumeration" value="ModifyAttribute"/>
0524     <UniqueBatchItemID type="ByteString" value="33f55c8d7e6cafbf"/>
0525     <ResultStatus type="Enumeration" value="Success"/>
0526     <ResponsePayload>
0527       <UniqueIdentifier type="TextString"
value="$UNIQUE_IDENTIFIER_0"/>
0528       <Attribute>
0529         <AttributeName type="TextString" value="x-attribute2"/>
0530         <AttributeValue type="TextString" value="ModifiedValue2"/>

```

0531	</Attribute>
0532	</ResponsePayload>
0533	</BatchItem>
0534	</ResponseMessage>
0535	# TIME 12 <RequestMessage>
0536	<RequestHeader>
0537	<ProtocolVersion>
0538	<ProtocolVersionMajor type="Integer" value="1"/>
0539	<ProtocolVersionMinor type="Integer" value="1"/>
0540	</ProtocolVersion>
0541	<BatchCount type="Integer" value="2"/>
0542	</RequestHeader>
0543	<BatchItem>
0544	<Operation type="Enumeration" value="DeleteAttribute"/>
0545	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0546	<RequestPayload>
0547	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0548	<AttributeName type="TextString" value="x-attribute1"/>
0549	</RequestPayload>
0550	</BatchItem>
0551	<BatchItem>
0552	<Operation type="Enumeration" value="DeleteAttribute"/>
0553	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0554	<RequestPayload>
0555	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0556	<AttributeName type="TextString" value="x-attribute2"/>
0557	</RequestPayload>
0558	</BatchItem>
0559	</RequestMessage>
0560	<ResponseMessage>
0561	<ResponseHeader>
0562	<ProtocolVersion>
0563	<ProtocolVersionMajor type="Integer" value="1"/>
0564	<ProtocolVersionMinor type="Integer" value="1"/>
0565	</ProtocolVersion>
0566	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0567	<BatchCount type="Integer" value="2"/>
0568	</ResponseHeader>
0569	<BatchItem>
0570	<Operation type="Enumeration" value="DeleteAttribute"/>
0571	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0572	<ResultStatus type="Enumeration" value="Success"/>
0573	<ResponsePayload>
0574	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0575	<Attribute>
0576	<AttributeName type="TextString" value="x-attribute1"/>
0577	<AttributeValue type="TextString" value="ModifiedValue1"/>
0578	</Attribute>
0579	</ResponsePayload>
0580	</BatchItem>
0581	<BatchItem>
0582	<Operation type="Enumeration" value="DeleteAttribute"/>
0583	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0584	<ResultStatus type="Enumeration" value="Success"/>

0585	<ResponsePayload>
0586	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0587	<Attribute>
0588	<AttributeName type="TextString" value="x-attribute2"/>
0589	<AttributeValue type="TextString" value="ModifiedValue2"/>
0590	</Attribute>
0591	</ResponsePayload>
0592	</BatchItem>
0593	</ResponseMessage>
	# TIME 13
0594	<RequestMessage>
0595	<RequestHeader>
0596	<ProtocolVersion>
0597	<ProtocolVersionMajor type="Integer" value="1"/>
0598	<ProtocolVersionMinor type="Integer" value="1"/>
0599	</ProtocolVersion>
0600	<BatchCount type="Integer" value="1"/>
0601	</RequestHeader>
0602	<BatchItem>
0603	<Operation type="Enumeration" value="Get"/>
0604	<RequestPayload>
0605	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0606	</RequestPayload>
0607	</BatchItem>
0608	</RequestMessage>
0609	<ResponseMessage>
0610	<ResponseHeader>
0611	<ProtocolVersion>
0612	<ProtocolVersionMajor type="Integer" value="1"/>
0613	<ProtocolVersionMinor type="Integer" value="1"/>
0614	</ProtocolVersion>
0615	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0616	<BatchCount type="Integer" value="1"/>
0617	</ResponseHeader>
0618	<BatchItem>
0619	<Operation type="Enumeration" value="Get"/>
0620	<ResultStatus type="Enumeration" value="Success"/>
0621	<ResponsePayload>
0622	<ObjectType type="Enumeration" value="SymmetricKey"/>
0623	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0624	<SymmetricKey>
0625	<KeyBlock>
0626	<KeyFormatType type="Enumeration" value="Raw"/>
0627	<KeyValue>
0628	<KeyMaterial type="ByteString"
	value="100129b96802a2152aa8d9fb54ec1f83"/>
0629	</KeyValue>
0630	<CryptographicAlgorithm type="Enumeration" value="DES3"/>
0631	<CryptographicLength type="Integer" value="112"/>
0632	</KeyBlock>
0633	</SymmetricKey>
0634	</ResponsePayload>
0635	</BatchItem>
0636	</ResponseMessage>
	# TIME 14

0637	<RequestMessage>
0638	<RequestHeader>
0639	<ProtocolVersion>
0640	<ProtocolVersionMajor type="Integer" value="1"/>
0641	<ProtocolVersionMinor type="Integer" value="1"/>
0642	</ProtocolVersion>
0643	<BatchCount type="Integer" value="1"/>
0644	</RequestHeader>
0645	<BatchItem>
0646	<Operation type="Enumeration" value="Destroy"/>
0647	<RequestPayload>
0648	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0649	</RequestPayload>
0650	</BatchItem>
0651	</RequestMessage>
0652	<ResponseMessage>
0653	<ResponseHeader>
0654	<ProtocolVersion>
0655	<ProtocolVersionMajor type="Integer" value="1"/>
0656	<ProtocolVersionMinor type="Integer" value="1"/>
0657	</ProtocolVersion>
0658	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0659	<BatchCount type="Integer" value="1"/>
0660	</ResponseHeader>
0661	<BatchItem>
0662	<Operation type="Enumeration" value="Destroy"/>
0663	<ResultStatus type="Enumeration" value="Success"/>
0664	<ResponsePayload>
0665	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0666	</ResponsePayload>
0667	</BatchItem>
0668	</ResponseMessage>

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333

334 **3.63.12 Optional Test Cases KMIP 4v1.2**

335 ~~This section documents the test cases that a client or server conformant to the Symmetric Key Foundry~~
336 ~~(FIPS140) Profile MAY support under KMIP Specification 1.2.~~

337 **3.6.13.12.1 SKFF-O-1-12**

338 Create, Destroy SKIPJACK-80

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="2"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>

0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
0016	Algorithm"/>
0017	<AttributeValue type="Enumeration" value="SKIPJACK"/>
0018	</Attribute>
0019	<Attribute>
0020	<AttributeName type="TextString" value="Cryptographic
0021	Length"/>
0022	<AttributeValue type="Integer" value="80"/>
0023	</Attribute>
0024	<Attribute>
0025	<AttributeName type="TextString" value="Cryptographic
0026	Usage Mask"/>
0027	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0028	</Attribute>
0029	</TemplateAttribute>
0030	</RequestPayload>
0031	</BatchItem>
0032	</RequestMessage>
0033	<ResponseMessage>
0034	<ResponseHeader>
0035	<ProtocolVersion>
0036	<ProtocolVersionMajor type="Integer" value="1"/>
0037	<ProtocolVersionMinor type="Integer" value="2"/>
0038	</ProtocolVersion>
0039	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0040	<BatchCount type="Integer" value="1"/>
0041	</ResponseHeader>
0042	<BatchItem>
0043	<Operation type="Enumeration" value="Create"/>
0044	<ResultStatus type="Enumeration" value="Success"/>
0045	<ResponsePayload>
0046	<ObjectType type="Enumeration" value="SymmetricKey"/>
0047	<UniqueIdentifier type="TextString"
0048	value="\$UNIQUE_IDENTIFIER_0"/>
0049	</ResponsePayload>
0050	</BatchItem>
0051	</ResponseMessage>
0052	# TIME 1
0053	<RequestMessage>
0054	<RequestHeader>
0055	<ProtocolVersion>
0056	<ProtocolVersionMajor type="Integer" value="1"/>
0057	<ProtocolVersionMinor type="Integer" value="2"/>
0058	</ProtocolVersion>
0059	<BatchCount type="Integer" value="1"/>
0060	</RequestHeader>
0061	<BatchItem>
0062	<Operation type="Enumeration" value="Destroy"/>
0063	<RequestPayload>
0064	<UniqueIdentifier type="TextString"
0065	value="\$UNIQUE_IDENTIFIER_0"/>
0066	</RequestPayload>
0067	</BatchItem>

0062	</RequestMessage>
0063	<ResponseMessage>
0064	<ResponseHeader>
0065	<ProtocolVersion>
0066	<ProtocolVersionMajor type="Integer" value="1"/>
0067	<ProtocolVersionMinor type="Integer" value="2"/>
0068	</ProtocolVersion>
0069	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0070	<BatchCount type="Integer" value="1"/>
0071	</ResponseHeader>
0072	<BatchItem>
0073	<Operation type="Enumeration" value="Destroy"/>
0074	<ResultStatus type="Enumeration" value="Success"/>
0075	<ResponsePayload>
0076	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0077	</ResponsePayload>
0078	</BatchItem>
0079	</ResponseMessage>

339

340 **3-6.23.12.2 SKFF-O-2-12**

341 Create, Locate, Get, Destroy, Locate SKIPJACK-80

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="2"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-O-2-12"/>
0018	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0019	</AttributeValue>
0020	</Attribute>
0021	<Attribute>
0022	<AttributeName type="TextString" value="Cryptographic"
	Algorithm"/>
0023	<AttributeValue type="Enumeration" value="SKIPJACK"/>
0024	</Attribute>
0025	<Attribute>
0026	<AttributeName type="TextString" value="Cryptographic"
	Length"/>
0027	<AttributeValue type="Integer" value="80"/>
0028	</Attribute>
0029	<Attribute>

0030	<AttributeName type="TextString" value="Cryptographic Usage Mask"/>
0031	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0032	</Attribute>
0033	<Attribute>
0034	<AttributeName type="TextString" value="Contact Information"/>
0035	<AttributeValue type="TextString" value="Joe"/>
0036	</Attribute>
0037	</TemplateAttribute>
0038	</RequestPayload>
0039	</BatchItem>
0040	</RequestMessage>
0041	<ResponseMessage>
0042	<ResponseHeader>
0043	<ProtocolVersion>
0044	<ProtocolVersionMajor type="Integer" value="1"/>
0045	<ProtocolVersionMinor type="Integer" value="2"/>
0046	</ProtocolVersion>
0047	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0048	<BatchCount type="Integer" value="1"/>
0049	</ResponseHeader>
0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString" value="\$UNIQUE IDENTIFIER 0"/>
0056	</ResponsePayload>
0057	</BatchItem>
0058	</ResponseMessage>
	# TIME 1
0059	<RequestMessage>
0060	<RequestHeader>
0061	<ProtocolVersion>
0062	<ProtocolVersionMajor type="Integer" value="1"/>
0063	<ProtocolVersionMinor type="Integer" value="2"/>
0064	</ProtocolVersion>
0065	<BatchCount type="Integer" value="1"/>
0066	</RequestHeader>
0067	<BatchItem>
0068	<Operation type="Enumeration" value="Locate"/>
0069	<RequestPayload>
0070	<Attribute>
0071	<AttributeName type="TextString" value="Object Type"/>
0072	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0073	</Attribute>
0074	<Attribute>
0075	<AttributeName type="TextString" value="Name"/>
0076	<AttributeValue>
0077	<NameValue type="TextString" value="SKFF-O-2-12"/>
0078	<NameType type="Enumeration" value="UninterpretedTextString"/>
0079	</AttributeValue>
0080	</Attribute>
0081	</RequestPayload>
0082	</BatchItem>

0083	</RequestMessage>
0084	<ResponseMessage>
0085	<ResponseHeader>
0086	<ProtocolVersion>
0087	<ProtocolVersionMajor type="Integer" value="1"/>
0088	<ProtocolVersionMinor type="Integer" value="2"/>
0089	</ProtocolVersion>
0090	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0091	<BatchCount type="Integer" value="1"/>
0092	</ResponseHeader>
0093	<BatchItem>
0094	<Operation type="Enumeration" value="Locate"/>
0095	<ResultStatus type="Enumeration" value="Success"/>
0096	<ResponsePayload>
0097	<UniqueIdentifier type="TextString"
0098	value="\$UNIQUE_IDENTIFIER_0"/>
0099	</ResponsePayload>
0100	</BatchItem>
0100	</ResponseMessage>
# TIME 2	
0101	<RequestMessage>
0102	<RequestHeader>
0103	<ProtocolVersion>
0104	<ProtocolVersionMajor type="Integer" value="1"/>
0105	<ProtocolVersionMinor type="Integer" value="2"/>
0106	</ProtocolVersion>
0107	<BatchCount type="Integer" value="1"/>
0108	</RequestHeader>
0109	<BatchItem>
0110	<Operation type="Enumeration" value="Get"/>
0111	<RequestPayload>
0112	<UniqueIdentifier type="TextString"
0113	value="\$UNIQUE_IDENTIFIER_0"/>
0114	</RequestPayload>
0115	</BatchItem>
0115	</RequestMessage>
0116	<ResponseMessage>
0117	<ResponseHeader>
0118	<ProtocolVersion>
0119	<ProtocolVersionMajor type="Integer" value="1"/>
0120	<ProtocolVersionMinor type="Integer" value="2"/>
0121	</ProtocolVersion>
0122	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0123	<BatchCount type="Integer" value="1"/>
0124	</ResponseHeader>
0125	<BatchItem>
0126	<Operation type="Enumeration" value="Get"/>
0127	<ResultStatus type="Enumeration" value="Success"/>
0128	<ResponsePayload>
0129	<ObjectType type="Enumeration" value="SymmetricKey"/>
0130	<UniqueIdentifier type="TextString"
0131	value="\$UNIQUE_IDENTIFIER_0"/>
0132	<SymmetricKey>
0133	<KeyBlock>
0134	<KeyFormatType type="Enumeration" value="Raw"/>
0135	<KeyValue>
0135	<KeyMaterial type="ByteString"
0135	value="1778963e51b52027aaa0"/>

0136	</KeyValue>
0137	<CryptographicAlgorithm type="Enumeration" value="SKIPJACK"/>
0138	<CryptographicLength type="Integer" value="80"/>
0139	</KeyBlock>
0140	</SymmetricKey>
0141	</ResponsePayload>
0142	</BatchItem>
0143	</ResponseMessage>
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0190	value="\$UNIQUE_IDENTIFIER_0"/>
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0205	<ResultStatus type="Enumeration" value="Success"/>
0206	<ResponsePayload>
0207	</ResponsePayload>
0208	</BatchItem>
0209	</ResponseMessage>

342

343 **3.6.33.12.3 SKFF-O-3-12**

344 Create, Get, Activate, Revoke, Locate, Add/Mod/Del Attributes, Destroy SKIPJACK-80

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0013	<TemplateAttribute>
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0015	<AttributeName type="TextString" value="Cryptographic
0016	Algorithm"/>
0017	<AttributeValue type="Enumeration" value="SKIPJACK"/>
0018	</Attribute>
0019	<Attribute>
0020	<AttributeName type="TextString" value="Cryptographic
0021	Length"/>
0022	<AttributeValue type="Integer" value="80"/>
0023	</Attribute>
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0026	<AttributeValue>
	<NameValue type="TextString" value="SKFF-O-3-12"/>
	<NameType type="Enumeration"
	value="UninterpretedTextString"/>

0027	</AttributeValue>
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0031	<AttributeValue type="Integer" value="Encrypt"/>
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0155	<AttributeName type="TextString" value="State"/>
0156	<AttributeValue type="Enumeration" value="Active"/>
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0158	</ResponsePayload>
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0174	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0175	</Attribute>
0176	<Attribute>
0177	<AttributeName type="TextString" value="Name"/>
0178	<AttributeValue>
0179	<NameValue type="TextString" value="SKFF-O-3-12"/>
0180	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0181	</AttributeValue>
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0226	</ResponseHeader>
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0232	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0233	<SymmetricKey>
0234	<KeyBlock>
0235	<KeyFormatType type="Enumeration" value="Raw"/>
0236	<KeyValue>
0237	<KeyMaterial type="ByteString"
	value="1778963e51b52027aaa0"/>
0238	</KeyValue>
0239	<CryptographicAlgorithm type="Enumeration"
	value="SKIPJACK"/>

0240	<CryptographicLength type="Integer" value="80"/>
0241	</KeyBlock>
0242	</SymmetricKey>
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0256	<RequestPayload>
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0258	<RevocationReason>
0259	<RevocationReasonCode type="Enumeration" value="KeyCompromise"/>
0260	</RevocationReason>
0261	<CompromiseOccurrenceDate type="DateTime" value="1970-01-01T00:00:06+00:00"/>
0262	</RequestPayload>
0263	</BatchItem>
0264	</RequestMessage>
0265	<ResponseMessage>
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0272	<BatchCount type="Integer" value="1"/>
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0275	<Operation type="Enumeration" value="Revoke"/>
0276	<ResultStatus type="Enumeration" value="Success"/>
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0279	</ResponsePayload>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0294	<AttributeName type="TextString" value="State"/>
0295	</RequestPayload>
0296	</BatchItem>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0312	<Attribute>
0313	<AttributeName type="TextString" value="State"/>
0314	<AttributeValue type="Enumeration" value="Compromised"/>
0315	</Attribute>
0316	</ResponsePayload>
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0318	</ResponseMessage>
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0341	<BatchCount type="Integer" value="1"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
0348	<AttributeName type="TextString" value="Unique Identifier"/>
0349	<AttributeName type="TextString" value="Object Type"/>
0350	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0351	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0352	<AttributeName type="TextString" value="Activation Date"/>
0353	<AttributeName type="TextString" value="Compromise Date"/>
0354	<AttributeName type="TextString" value="Compromise Occurrence
	Date"/>
0355	<AttributeName type="TextString" value="Cryptographic Usage
	Mask"/>
0356	<AttributeName type="TextString" value="Digest"/>
0357	<AttributeName type="TextString" value="Fresh"/>
0358	<AttributeName type="TextString" value="Initial Date"/>
0359	<AttributeName type="TextString" value="Last Change Date"/>
0360	<AttributeName type="TextString" value="Lease Time"/>
0361	<AttributeName type="TextString" value="Name"/>
0362	<AttributeName type="TextString" value="Original Creation
	Date"/>
0363	<AttributeName type="TextString" value="Revocation Reason"/>
0364	<AttributeName type="TextString" value="State"/>
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0395	<ResultStatus type="Enumeration" value="Success"/>

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	value="\$UNIQUE_IDENTIFIER_0"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0430	<AttributeName type="TextString" value="x-attribute2"/>
0431	<AttributeValue type="TextString" value="Value2"/>
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0448	<ResultStatus type="Enumeration" value="Success"/>
0449	<ResponsePayload>

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	value="\$UNIQUE_IDENTIFIER_0"/>
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0465	<AttributeValue type="TextString" value="Value2"/>
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	value="\$UNIQUE_IDENTIFIER_0"/>
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0521	</BatchItem>
0522	<BatchItem>
0523	<Operation type="Enumeration" value="ModifyAttribute"/>
0524	<UniqueBatchItemID type="ByteString" value="33f55c8d7e6cafbf"/>
0525	<ResultStatus type="Enumeration" value="Success"/>
0526	<ResponsePayload>
0527	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0528	<Attribute>
0529	<AttributeName type="TextString" value="x-attribute2"/>
0530	<AttributeValue type="TextString" value="ModifiedValue2"/>
0531	</Attribute>
0532	</ResponsePayload>
0533	</BatchItem>
0534	</ResponseMessage>
	# TIME 12
0535	<RequestMessage>
0536	<RequestHeader>
0537	<ProtocolVersion>
0538	<ProtocolVersionMajor type="Integer" value="1"/>
0539	<ProtocolVersionMinor type="Integer" value="2"/>
0540	</ProtocolVersion>
0541	<BatchCount type="Integer" value="2"/>
0542	</RequestHeader>
0543	<BatchItem>
0544	<Operation type="Enumeration" value="DeleteAttribute"/>
0545	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0546	<RequestPayload>
0547	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0548	<AttributeName type="TextString" value="x-attribute1"/>
0549	</RequestPayload>
0550	</BatchItem>
0551	<BatchItem>
0552	<Operation type="Enumeration" value="DeleteAttribute"/>
0553	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0554	<RequestPayload>
0555	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>

0556	<AttributeName type="TextString" value="x-attribute2"/>
0557	</RequestPayload>
0558	</BatchItem>
0559	</RequestMessage>
0560	<ResponseMessage>
0561	<ResponseHeader>
0562	<ProtocolVersion>
0563	<ProtocolVersionMajor type="Integer" value="1"/>
0564	<ProtocolVersionMinor type="Integer" value="2"/>
0565	</ProtocolVersion>
0566	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0567	<BatchCount type="Integer" value="2"/>
0568	</ResponseHeader>
0569	<BatchItem>
0570	<Operation type="Enumeration" value="DeleteAttribute"/>
0571	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0572	<ResultStatus type="Enumeration" value="Success"/>
0573	<ResponsePayload>
0574	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0575	<Attribute>
0576	<AttributeName type="TextString" value="x-attribute1"/>
0577	<AttributeValue type="TextString" value="ModifiedValue1"/>
0578	</Attribute>
0579	</ResponsePayload>
0580	</BatchItem>
0581	<BatchItem>
0582	<Operation type="Enumeration" value="DeleteAttribute"/>
0583	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0584	<ResultStatus type="Enumeration" value="Success"/>
0585	<ResponsePayload>
0586	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0587	<Attribute>
0588	<AttributeName type="TextString" value="x-attribute2"/>
0589	<AttributeValue type="TextString" value="ModifiedValue2"/>
0590	</Attribute>
0591	</ResponsePayload>
0592	</BatchItem>
0593	</ResponseMessage>
	# TIME 13
0594	<RequestMessage>
0595	<RequestHeader>
0596	<ProtocolVersion>
0597	<ProtocolVersionMajor type="Integer" value="1"/>
0598	<ProtocolVersionMinor type="Integer" value="2"/>
0599	</ProtocolVersion>
0600	<BatchCount type="Integer" value="1"/>
0601	</RequestHeader>
0602	<BatchItem>
0603	<Operation type="Enumeration" value="Get"/>
0604	<RequestPayload>
0605	<UniqueIdentifier type="TextString" value="\$UNIQUE_IDENTIFIER_0"/>
0606	</RequestPayload>
0607	</BatchItem>
0608	</RequestMessage>
0609	<ResponseMessage>

0610	<ResponseHeader>
0611	<ProtocolVersion>
0612	<ProtocolVersionMajor type="Integer" value="1"/>
0613	<ProtocolVersionMinor type="Integer" value="2"/>
0614	</ProtocolVersion>
0615	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0616	<BatchCount type="Integer" value="1"/>
0617	</ResponseHeader>
0618	<BatchItem>
0619	<Operation type="Enumeration" value="Get"/>
0620	<ResultStatus type="Enumeration" value="Success"/>
0621	<ResponsePayload>
0622	<ObjectType type="Enumeration" value="SymmetricKey"/>
0623	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0624	<SymmetricKey>
0625	<KeyBlock>
0626	<KeyFormatType type="Enumeration" value="Raw"/>
0627	<KeyValue>
0628	<KeyMaterial type="ByteString"
	value="1778963e51b52027aaa0"/>
0629	</KeyValue>
0630	<CryptographicAlgorithm type="Enumeration"
	value="SKIPJACK"/>
0631	<CryptographicLength type="Integer" value="80"/>
0632	</KeyBlock>
0633	</SymmetricKey>
0634	</ResponsePayload>
0635	</BatchItem>
0636	</ResponseMessage>
	# TIME 14
0637	<RequestMessage>
0638	<RequestHeader>
0639	<ProtocolVersion>
0640	<ProtocolVersionMajor type="Integer" value="1"/>
0641	<ProtocolVersionMinor type="Integer" value="2"/>
0642	</ProtocolVersion>
0643	<BatchCount type="Integer" value="1"/>
0644	</RequestHeader>
0645	<BatchItem>
0646	<Operation type="Enumeration" value="Destroy"/>
0647	<RequestPayload>
0648	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0649	</RequestPayload>
0650	</BatchItem>
0651	</RequestMessage>
0652	<ResponseMessage>
0653	<ResponseHeader>
0654	<ProtocolVersion>
0655	<ProtocolVersionMajor type="Integer" value="1"/>
0656	<ProtocolVersionMinor type="Integer" value="2"/>
0657	</ProtocolVersion>
0658	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0659	<BatchCount type="Integer" value="1"/>
0660	</ResponseHeader>
0661	<BatchItem>
0662	<Operation type="Enumeration" value="Destroy"/>

0663	<ResultStatus type="Enumeration" value="Success"/>
0664	<ResponsePayload>
0665	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0666	</ResponsePayload>
0667	</BatchItem>
0668	</ResponseMessage>

345

346 **3.6.43.12.4 SKFF-O-4-12**

347 Create, Destroy DES3-112

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="2"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0016	<AttributeValue type="Enumeration" value="DES3"/>
0017	</Attribute>
0018	<Attribute>
0019	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0020	<AttributeValue type="Integer" value="112"/>
0021	</Attribute>
0022	<Attribute>
0023	<AttributeName type="TextString" value="Cryptographic
	Usage Mask"/>
0024	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0025	</Attribute>
0026	</TemplateAttribute>
0027	</RequestPayload>
0028	</BatchItem>
0029	</RequestMessage>
0030	<ResponseMessage>
0031	<ResponseHeader>
0032	<ProtocolVersion>
0033	<ProtocolVersionMajor type="Integer" value="1"/>
0034	<ProtocolVersionMinor type="Integer" value="2"/>
0035	</ProtocolVersion>
0036	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0037	<BatchCount type="Integer" value="1"/>
0038	</ResponseHeader>
0039	<BatchItem>
0040	<Operation type="Enumeration" value="Create"/>
0041	<ResultStatus type="Enumeration" value="Success"/>

0042	<ResponsePayload>
0043	<ObjectType type="Enumeration" value="SymmetricKey"/>
0044	<UniqueIdentifier type="TextString"
0045	value="\$UNIQUE_IDENTIFIER_0"/>
0046	</ResponsePayload>
0047	</BatchItem>
0048	</ResponseMessage>
# TIME 1	
0048	<RequestMessage>
0049	<RequestHeader>
0050	<ProtocolVersion>
0051	<ProtocolVersionMajor type="Integer" value="1"/>
0052	<ProtocolVersionMinor type="Integer" value="2"/>
0053	</ProtocolVersion>
0054	<BatchCount type="Integer" value="1"/>
0055	</RequestHeader>
0056	<BatchItem>
0057	<Operation type="Enumeration" value="Destroy"/>
0058	<RequestPayload>
0059	<UniqueIdentifier type="TextString"
0060	value="\$UNIQUE_IDENTIFIER_0"/>
0061	</RequestPayload>
0062	</BatchItem>
0063	</RequestMessage>
0063	<ResponseMessage>
0064	<ResponseHeader>
0065	<ProtocolVersion>
0066	<ProtocolVersionMajor type="Integer" value="1"/>
0067	<ProtocolVersionMinor type="Integer" value="2"/>
0068	</ProtocolVersion>
0069	<TimeStamp type="DateTime" value="2012-04-27T08:12:21+00:00"/>
0070	<BatchCount type="Integer" value="1"/>
0071	</ResponseHeader>
0072	<BatchItem>
0073	<Operation type="Enumeration" value="Destroy"/>
0074	<ResultStatus type="Enumeration" value="Success"/>
0075	<ResponsePayload>
0076	<UniqueIdentifier type="TextString"
0077	value="\$UNIQUE_IDENTIFIER_0"/>
0078	</ResponsePayload>
0079	</BatchItem>
0079	</ResponseMessage>

348

349 **3.6.53.12.5 SKFF-O-5-12**

350 Create, Locate, Get, Destroy, Locate DES3-112

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="2"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>
0008	</RequestHeader>
0009	<BatchItem>

0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Name"/>
0016	<AttributeValue>
0017	<NameValue type="TextString" value="SKFF-O-5-12"/>
0018	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0019	</AttributeValue>
0020	</Attribute>
0021	<Attribute>
0022	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0023	<AttributeValue type="Enumeration" value="DES3"/>
0024	</Attribute>
0025	<Attribute>
0026	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0027	<AttributeValue type="Integer" value="112"/>
0028	</Attribute>
0029	<Attribute>
0030	<AttributeName type="TextString" value="Cryptographic
	Usage Mask"/>
0031	<AttributeValue type="Integer" value="Decrypt Encrypt"/>
0032	</Attribute>
0033	<Attribute>
0034	<AttributeName type="TextString" value="Contact
	Information"/>
0035	<AttributeValue type="TextString" value="Joe"/>
0036	</Attribute>
0037	</TemplateAttribute>
0038	</RequestPayload>
0039	</BatchItem>
0040	</RequestMessage>
0041	<ResponseMessage>
0042	<ResponseHeader>
0043	<ProtocolVersion>
0044	<ProtocolVersionMajor type="Integer" value="1"/>
0045	<ProtocolVersionMinor type="Integer" value="2"/>
0046	</ProtocolVersion>
0047	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0048	<BatchCount type="Integer" value="1"/>
0049	</ResponseHeader>
0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0056	</ResponsePayload>
0057	</BatchItem>
0058	</ResponseMessage>
	# TIME 1
0059	<RequestMessage>
0060	<RequestHeader>

0061	<ProtocolVersion>
0062	<ProtocolVersionMajor type="Integer" value="1"/>
0063	<ProtocolVersionMinor type="Integer" value="2"/>
0064	</ProtocolVersion>
0065	<BatchCount type="Integer" value="1"/>
0066	</RequestHeader>
0067	<BatchItem>
0068	<Operation type="Enumeration" value="Locate"/>
0069	<RequestPayload>
0070	<Attribute>
0071	<AttributeName type="TextString" value="Object Type"/>
0072	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0073	</Attribute>
0074	<Attribute>
0075	<AttributeName type="TextString" value="Name"/>
0076	<AttributeValue>
0077	<NameValue type="TextString" value="SKFF-O-5-12"/>
0078	<NameType type="Enumeration"
0079	value="UninterpretedTextString"/>
0080	</AttributeValue>
0081	</Attribute>
0082	</RequestPayload>
0083	</BatchItem>
0084	</RequestMessage>
0084	<ResponseMessage>
0085	<ResponseHeader>
0086	<ProtocolVersion>
0087	<ProtocolVersionMajor type="Integer" value="1"/>
0088	<ProtocolVersionMinor type="Integer" value="2"/>
0089	</ProtocolVersion>
0090	<TimeStamp type="DateTime" value="2012-04-27T08:12:22+00:00"/>
0091	<BatchCount type="Integer" value="1"/>
0092	</ResponseHeader>
0093	<BatchItem>
0094	<Operation type="Enumeration" value="Locate"/>
0095	<ResultStatus type="Enumeration" value="Success"/>
0096	<ResponsePayload>
0097	<UniqueIdentifier type="TextString"
0098	value="\$UNIQUE_IDENTIFIER_0"/>
0099	</ResponsePayload>
0100	</BatchItem>
0100	</ResponseMessage>
0101	# TIME 2
0101	<RequestMessage>
0102	<RequestHeader>
0103	<ProtocolVersion>
0104	<ProtocolVersionMajor type="Integer" value="1"/>
0105	<ProtocolVersionMinor type="Integer" value="2"/>
0106	</ProtocolVersion>
0107	<BatchCount type="Integer" value="1"/>
0108	</RequestHeader>
0109	<BatchItem>
0110	<Operation type="Enumeration" value="Get"/>
0111	<RequestPayload>
0112	<UniqueIdentifier type="TextString"
0113	value="\$UNIQUE_IDENTIFIER_0"/>
0114	</RequestPayload>
0114	</BatchItem>

0115	</RequestMessage>
0116	<ResponseMessage>
0117	<ResponseHeader>
0118	<ProtocolVersion>
0119	<ProtocolVersionMajor type="Integer" value="1"/>
0120	<ProtocolVersionMinor type="Integer" value="2"/>
0121	</ProtocolVersion>
0122	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0123	<BatchCount type="Integer" value="1"/>
0124	</ResponseHeader>
0125	<BatchItem>
0126	<Operation type="Enumeration" value="Get"/>
0127	<ResultStatus type="Enumeration" value="Success"/>
0128	<ResponsePayload>
0129	<ObjectType type="Enumeration" value="SymmetricKey"/>
0130	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0131	<SymmetricKey>
0132	<KeyBlock>
0133	<KeyFormatType type="Enumeration" value="Raw"/>
0134	<KeyValue>
0135	<KeyMaterial type="ByteString"
	value="370edc5897b0e957686ebad5c140a40e"/>
0136	</KeyValue>
0137	<CryptographicAlgorithm type="Enumeration" value="DES3"/>
0138	<CryptographicLength type="Integer" value="112"/>
0139	</KeyBlock>
0140	</SymmetricKey>
0141	</ResponsePayload>
0142	</BatchItem>
0143	</ResponseMessage>
	# TIME 3
0144	<RequestMessage>
0145	<RequestHeader>
0146	<ProtocolVersion>
0147	<ProtocolVersionMajor type="Integer" value="1"/>
0148	<ProtocolVersionMinor type="Integer" value="2"/>
0149	</ProtocolVersion>
0150	<BatchCount type="Integer" value="1"/>
0151	</RequestHeader>
0152	<BatchItem>
0153	<Operation type="Enumeration" value="Destroy"/>
0154	<RequestPayload>
0155	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0156	</RequestPayload>
0157	</BatchItem>
0158	</RequestMessage>
0159	<ResponseMessage>
0160	<ResponseHeader>
0161	<ProtocolVersion>
0162	<ProtocolVersionMajor type="Integer" value="1"/>
0163	<ProtocolVersionMinor type="Integer" value="2"/>
0164	</ProtocolVersion>
0165	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0166	<BatchCount type="Integer" value="1"/>
0167	</ResponseHeader>
0168	<BatchItem>

0169	<Operation type="Enumeration" value="Destroy"/>
0170	<ResultStatus type="Enumeration" value="Success"/>
0171	<ResponsePayload>
0172	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0173	</ResponsePayload>
0174	</BatchItem>
0175	</ResponseMessage>
	# TIME 4
0176	<RequestMessage>
0177	<RequestHeader>
0178	<ProtocolVersion>
0179	<ProtocolVersionMajor type="Integer" value="1"/>
0180	<ProtocolVersionMinor type="Integer" value="2"/>
0181	</ProtocolVersion>
0182	<BatchCount type="Integer" value="1"/>
0183	</RequestHeader>
0184	<BatchItem>
0185	<Operation type="Enumeration" value="Locate"/>
0186	<RequestPayload>
0187	<Attribute>
0188	<AttributeName type="TextString" value="Unique Identifier"/>
0189	<AttributeValue type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0190	</Attribute>
0191	</RequestPayload>
0192	</BatchItem>
0193	</RequestMessage>
0194	<ResponseMessage>
0195	<ResponseHeader>
0196	<ProtocolVersion>
0197	<ProtocolVersionMajor type="Integer" value="1"/>
0198	<ProtocolVersionMinor type="Integer" value="2"/>
0199	</ProtocolVersion>
0200	<TimeStamp type="DateTime" value="2012-04-27T08:12:23+00:00"/>
0201	<BatchCount type="Integer" value="1"/>
0202	</ResponseHeader>
0203	<BatchItem>
0204	<Operation type="Enumeration" value="Locate"/>
0205	<ResultStatus type="Enumeration" value="Success"/>
0206	<ResponsePayload>
0207	</ResponsePayload>
0208	</BatchItem>
0209	</ResponseMessage>

351

352 **3.6.63.12.6 SKFF-O-6-12**

353 Create, Get, Activate, Revoke, Locate, Add/Mod/Del Attributes, Destroy DES3-112

	# TIME 0
0001	<RequestMessage>
0002	<RequestHeader>
0003	<ProtocolVersion>
0004	<ProtocolVersionMajor type="Integer" value="1"/>
0005	<ProtocolVersionMinor type="Integer" value="2"/>
0006	</ProtocolVersion>
0007	<BatchCount type="Integer" value="1"/>

0008	</RequestHeader>
0009	<BatchItem>
0010	<Operation type="Enumeration" value="Create"/>
0011	<RequestPayload>
0012	<ObjectType type="Enumeration" value="SymmetricKey"/>
0013	<TemplateAttribute>
0014	<Attribute>
0015	<AttributeName type="TextString" value="Cryptographic
0016	Algorithm"/>
0017	<AttributeValue type="Enumeration" value="DES3"/>
0018	</Attribute>
0019	<Attribute>
0020	<AttributeName type="TextString" value="Cryptographic
0021	Length"/>
0022	<AttributeValue type="Integer" value="112"/>
0023	</Attribute>
0024	<Attribute>
0025	<AttributeName type="TextString" value="Name"/>
0026	<AttributeValue>
0027	<NameValue type="TextString" value="SKFF-O-6-12"/>
0028	<NameType type="Enumeration"
0029	value="UninterpretedTextString"/>
0030	</AttributeValue>
0031	</Attribute>
0032	<Attribute>
0033	<AttributeName type="TextString" value="Cryptographic
0034	Usage Mask"/>
0035	<AttributeValue type="Integer" value="Encrypt"/>
0036	</Attribute>
0037	</TemplateAttribute>
0038	</RequestPayload>
0039	</BatchItem>
0040	</RequestMessage>
0041	<ResponseMessage>
0042	<ResponseHeader>
0043	<ProtocolVersion>
0044	<ProtocolVersionMajor type="Integer" value="1"/>
0045	<ProtocolVersionMinor type="Integer" value="2"/>
0046	</ProtocolVersion>
0047	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0048	<BatchCount type="Integer" value="1"/>
0049	</ResponseHeader>
0050	<BatchItem>
0051	<Operation type="Enumeration" value="Create"/>
0052	<ResultStatus type="Enumeration" value="Success"/>
0053	<ResponsePayload>
0054	<ObjectType type="Enumeration" value="SymmetricKey"/>
0055	<UniqueIdentifier type="TextString"
0056	value="\$UNIQUE_IDENTIFIER_0"/>
0057	</ResponsePayload>
0058	</BatchItem>
0059	</ResponseMessage>
# TIME 1	
0060	<RequestMessage>
0061	<RequestHeader>
0062	<ProtocolVersion>
0063	<ProtocolVersionMajor type="Integer" value="1"/>
0064	<ProtocolVersionMinor type="Integer" value="2"/>

0060	</ProtocolVersion>
0061	<BatchCount type="Integer" value="1"/>
0062	</RequestHeader>
0063	<BatchItem>
0064	<Operation type="Enumeration" value="GetAttributes"/>
0065	<RequestPayload>
0066	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0067	<AttributeName type="TextString" value="State"/>
0068	</RequestPayload>
0069	</BatchItem>
0070	</RequestMessage>
0071	<ResponseMessage>
0072	<ResponseHeader>
0073	<ProtocolVersion>
0074	<ProtocolVersionMajor type="Integer" value="1"/>
0075	<ProtocolVersionMinor type="Integer" value="2"/>
0076	</ProtocolVersion>
0077	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0078	<BatchCount type="Integer" value="1"/>
0079	</ResponseHeader>
0080	<BatchItem>
0081	<Operation type="Enumeration" value="GetAttributes"/>
0082	<ResultStatus type="Enumeration" value="Success"/>
0083	<ResponsePayload>
0084	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0085	<Attribute>
0086	<AttributeName type="TextString" value="State"/>
0087	<AttributeValue type="Enumeration" value="PreActive"/>
0088	</Attribute>
0089	</ResponsePayload>
0090	</BatchItem>
0091	</ResponseMessage>
	# TIME 2
0092	<RequestMessage>
0093	<RequestHeader>
0094	<ProtocolVersion>
0095	<ProtocolVersionMajor type="Integer" value="1"/>
0096	<ProtocolVersionMinor type="Integer" value="2"/>
0097	</ProtocolVersion>
0098	<BatchCount type="Integer" value="1"/>
0099	</RequestHeader>
0100	<BatchItem>
0101	<Operation type="Enumeration" value="Activate"/>
0102	<RequestPayload>
0103	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0104	</RequestPayload>
0105	</BatchItem>
0106	</RequestMessage>
0107	<ResponseMessage>
0108	<ResponseHeader>
0109	<ProtocolVersion>
0110	<ProtocolVersionMajor type="Integer" value="1"/>
0111	<ProtocolVersionMinor type="Integer" value="2"/>
0112	</ProtocolVersion>
0113	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>

0114	<BatchCount type="Integer" value="1"/>
0115	</ResponseHeader>
0116	<BatchItem>
0117	<Operation type="Enumeration" value="Activate"/>
0118	<ResultStatus type="Enumeration" value="Success"/>
0119	<ResponsePayload>
0120	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0121	</ResponsePayload>
0122	</BatchItem>
0123	</ResponseMessage>
# TIME 3	
0124	<RequestMessage>
0125	<RequestHeader>
0126	<ProtocolVersion>
0127	<ProtocolVersionMajor type="Integer" value="1"/>
0128	<ProtocolVersionMinor type="Integer" value="2"/>
0129	</ProtocolVersion>
0130	<BatchCount type="Integer" value="1"/>
0131	</RequestHeader>
0132	<BatchItem>
0133	<Operation type="Enumeration" value="GetAttributes"/>
0134	<RequestPayload>
0135	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0136	<AttributeName type="TextString" value="State"/>
0137	</RequestPayload>
0138	</BatchItem>
0139	</RequestMessage>
0140	<ResponseMessage>
0141	<ResponseHeader>
0142	<ProtocolVersion>
0143	<ProtocolVersionMajor type="Integer" value="1"/>
0144	<ProtocolVersionMinor type="Integer" value="2"/>
0145	</ProtocolVersion>
0146	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0147	<BatchCount type="Integer" value="1"/>
0148	</ResponseHeader>
0149	<BatchItem>
0150	<Operation type="Enumeration" value="GetAttributes"/>
0151	<ResultStatus type="Enumeration" value="Success"/>
0152	<ResponsePayload>
0153	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0154	<Attribute>
0155	<AttributeName type="TextString" value="State"/>
0156	<AttributeValue type="Enumeration" value="Active"/>
0157	</Attribute>
0158	</ResponsePayload>
0159	</BatchItem>
0160	</ResponseMessage>
# TIME 4	
0161	<RequestMessage>
0162	<RequestHeader>
0163	<ProtocolVersion>
0164	<ProtocolVersionMajor type="Integer" value="1"/>
0165	<ProtocolVersionMinor type="Integer" value="2"/>
0166	</ProtocolVersion>

0167	<BatchCount type="Integer" value="1"/>
0168	</RequestHeader>
0169	<BatchItem>
0170	<Operation type="Enumeration" value="Locate"/>
0171	<RequestPayload>
0172	<Attribute>
0173	<AttributeName type="TextString" value="Object Type"/>
0174	<AttributeValue type="Enumeration" value="SymmetricKey"/>
0175	</Attribute>
0176	<Attribute>
0177	<AttributeName type="TextString" value="Name"/>
0178	<AttributeValue>
0179	<NameValue type="TextString" value="SKFF-O-6-12"/>
0180	<NameType type="Enumeration"
	value="UninterpretedTextString"/>
0181	</AttributeValue>
0182	</Attribute>
0183	</RequestPayload>
0184	</BatchItem>
0185	</RequestMessage>
0186	<ResponseMessage>
0187	<ResponseHeader>
0188	<ProtocolVersion>
0189	<ProtocolVersionMajor type="Integer" value="1"/>
0190	<ProtocolVersionMinor type="Integer" value="2"/>
0191	</ProtocolVersion>
0192	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0193	<BatchCount type="Integer" value="1"/>
0194	</ResponseHeader>
0195	<BatchItem>
0196	<Operation type="Enumeration" value="Locate"/>
0197	<ResultStatus type="Enumeration" value="Success"/>
0198	<ResponsePayload>
0199	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0200	</ResponsePayload>
0201	</BatchItem>
0202	</ResponseMessage>
0203	# TIME 5
0203	<RequestMessage>
0204	<RequestHeader>
0205	<ProtocolVersion>
0206	<ProtocolVersionMajor type="Integer" value="1"/>
0207	<ProtocolVersionMinor type="Integer" value="2"/>
0208	</ProtocolVersion>
0209	<BatchCount type="Integer" value="1"/>
0210	</RequestHeader>
0211	<BatchItem>
0212	<Operation type="Enumeration" value="Get"/>
0213	<RequestPayload>
0214	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0215	</RequestPayload>
0216	</BatchItem>
0217	</RequestMessage>
0218	<ResponseMessage>
0219	<ResponseHeader>
0220	<ProtocolVersion>

0221	<ProtocolVersionMajor type="Integer" value="1"/>
0222	<ProtocolVersionMinor type="Integer" value="2"/>
0223	</ProtocolVersion>
0224	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0225	<BatchCount type="Integer" value="1"/>
0226	</ResponseHeader>
0227	<BatchItem>
0228	<Operation type="Enumeration" value="Get"/>
0229	<ResultStatus type="Enumeration" value="Success"/>
0230	<ResponsePayload>
0231	<ObjectType type="Enumeration" value="SymmetricKey"/>
0232	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0233	<SymmetricKey>
0234	<KeyBlock>
0235	<KeyFormatType type="Enumeration" value="Raw"/>
0236	<KeyValue>
0237	<KeyMaterial type="ByteString"
	value="100129b96802a2152aa8d9fb54ec1f83"/>
0238	</KeyValue>
0239	<CryptographicAlgorithm type="Enumeration" value="DES3"/>
0240	<CryptographicLength type="Integer" value="112"/>
0241	</KeyBlock>
0242	</SymmetricKey>
0243	</ResponsePayload>
0244	</BatchItem>
0245	</ResponseMessage>
	# TIME 6
0246	<RequestMessage>
0247	<RequestHeader>
0248	<ProtocolVersion>
0249	<ProtocolVersionMajor type="Integer" value="1"/>
0250	<ProtocolVersionMinor type="Integer" value="2"/>
0251	</ProtocolVersion>
0252	<BatchCount type="Integer" value="1"/>
0253	</RequestHeader>
0254	<BatchItem>
0255	<Operation type="Enumeration" value="Revoke"/>
0256	<RequestPayload>
0257	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0258	<RevocationReason>
0259	<RevocationReasonCode type="Enumeration"
	value="KeyCompromise"/>
0260	</RevocationReason>
0261	<CompromiseOccurrenceDate type="DateTime" value="1970-01-
	01T00:00:06+00:00"/>
0262	</RequestPayload>
0263	</BatchItem>
0264	</RequestMessage>
0265	<ResponseMessage>
0266	<ResponseHeader>
0267	<ProtocolVersion>
0268	<ProtocolVersionMajor type="Integer" value="1"/>
0269	<ProtocolVersionMinor type="Integer" value="2"/>
0270	</ProtocolVersion>
0271	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0272	<BatchCount type="Integer" value="1"/>

0273	</ResponseHeader>
0274	<BatchItem>
0275	<Operation type="Enumeration" value="Revoke"/>
0276	<ResultStatus type="Enumeration" value="Success"/>
0277	<ResponsePayload>
0278	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0279	</ResponsePayload>
0280	</BatchItem>
0281	</ResponseMessage>
# TIME 7	
0282	<RequestMessage>
0283	<RequestHeader>
0284	<ProtocolVersion>
0285	<ProtocolVersionMajor type="Integer" value="1"/>
0286	<ProtocolVersionMinor type="Integer" value="2"/>
0287	</ProtocolVersion>
0288	<BatchCount type="Integer" value="1"/>
0289	</RequestHeader>
0290	<BatchItem>
0291	<Operation type="Enumeration" value="GetAttributes"/>
0292	<RequestPayload>
0293	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0294	<AttributeName type="TextString" value="State"/>
0295	</RequestPayload>
0296	</BatchItem>
0297	</RequestMessage>
0298	<ResponseMessage>
0299	<ResponseHeader>
0300	<ProtocolVersion>
0301	<ProtocolVersionMajor type="Integer" value="1"/>
0302	<ProtocolVersionMinor type="Integer" value="2"/>
0303	</ProtocolVersion>
0304	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0305	<BatchCount type="Integer" value="1"/>
0306	</ResponseHeader>
0307	<BatchItem>
0308	<Operation type="Enumeration" value="GetAttributes"/>
0309	<ResultStatus type="Enumeration" value="Success"/>
0310	<ResponsePayload>
0311	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0312	<Attribute>
0313	<AttributeName type="TextString" value="State"/>
0314	<AttributeValue type="Enumeration" value="Compromised"/>
0315	</Attribute>
0316	</ResponsePayload>
0317	</BatchItem>
0318	</ResponseMessage>
# TIME 8	
0319	<RequestMessage>
0320	<RequestHeader>
0321	<ProtocolVersion>
0322	<ProtocolVersionMajor type="Integer" value="1"/>
0323	<ProtocolVersionMinor type="Integer" value="2"/>
0324	</ProtocolVersion>
0325	<BatchCount type="Integer" value="1"/>

0326	</RequestHeader>
0327	<BatchItem>
0328	<Operation type="Enumeration" value="GetAttributeList"/>
0329	<RequestPayload>
0330	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0331	</RequestPayload>
0332	</BatchItem>
0333	</RequestMessage>
0334	<ResponseMessage>
0335	<ResponseHeader>
0336	<ProtocolVersion>
0337	<ProtocolVersionMajor type="Integer" value="1"/>
0338	<ProtocolVersionMinor type="Integer" value="2"/>
0339	</ProtocolVersion>
0340	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0341	<BatchCount type="Integer" value="1"/>
0342	</ResponseHeader>
0343	<BatchItem>
0344	<Operation type="Enumeration" value="GetAttributeList"/>
0345	<ResultStatus type="Enumeration" value="Success"/>
0346	<ResponsePayload>
0347	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0348	<AttributeName type="TextString" value="Unique Identifier"/>
0349	<AttributeName type="TextString" value="Object Type"/>
0350	<AttributeName type="TextString" value="Cryptographic
	Algorithm"/>
0351	<AttributeName type="TextString" value="Cryptographic
	Length"/>
0352	<AttributeName type="TextString" value="Activation Date"/>
0353	<AttributeName type="TextString" value="Compromise Date"/>
0354	<AttributeName type="TextString" value="Compromise Occurrence
	Date"/>
0355	<AttributeName type="TextString" value="Cryptographic Usage
	Mask"/>
0356	<AttributeName type="TextString" value="Digest"/>
0357	<AttributeName type="TextString" value="Fresh"/>
0358	<AttributeName type="TextString" value="Initial Date"/>
0359	<AttributeName type="TextString" value="Last Change Date"/>
0360	<AttributeName type="TextString" value="Lease Time"/>
0361	<AttributeName type="TextString" value="Name"/>
0362	<AttributeName type="TextString" value="Original Creation
	Date"/>
0363	<AttributeName type="TextString" value="Revocation Reason"/>
0364	<AttributeName type="TextString" value="State"/>
0365	</ResponsePayload>
0366	</BatchItem>
0367	</ResponseMessage>
	# TIME 9
0368	<RequestMessage>
0369	<RequestHeader>
0370	<ProtocolVersion>
0371	<ProtocolVersionMajor type="Integer" value="1"/>
0372	<ProtocolVersionMinor type="Integer" value="2"/>
0373	</ProtocolVersion>
0374	<BatchCount type="Integer" value="1"/>
0375	</RequestHeader>

0376	<BatchItem>
0377	<Operation type="Enumeration" value="GetAttributes"/>
0378	<RequestPayload>
0379	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0380	<AttributeName type="TextString" value="State"/>
0381	</RequestPayload>
0382	</BatchItem>
0383	</RequestMessage>
0384	<ResponseMessage>
0385	<ResponseHeader>
0386	<ProtocolVersion>
0387	<ProtocolVersionMajor type="Integer" value="1"/>
0388	<ProtocolVersionMinor type="Integer" value="2"/>
0389	</ProtocolVersion>
0390	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0391	<BatchCount type="Integer" value="1"/>
0392	</ResponseHeader>
0393	<BatchItem>
0394	<Operation type="Enumeration" value="GetAttributes"/>
0395	<ResultStatus type="Enumeration" value="Success"/>
0396	<ResponsePayload>
0397	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0398	<Attribute>
0399	<AttributeName type="TextString" value="State"/>
0400	<AttributeValue type="Enumeration" value="Compromised"/>
0401	</Attribute>
0402	</ResponsePayload>
0403	</BatchItem>
0404	</ResponseMessage>
	# TIME 10
0405	<RequestMessage>
0406	<RequestHeader>
0407	<ProtocolVersion>
0408	<ProtocolVersionMajor type="Integer" value="1"/>
0409	<ProtocolVersionMinor type="Integer" value="2"/>
0410	</ProtocolVersion>
0411	<BatchCount type="Integer" value="2"/>
0412	</RequestHeader>
0413	<BatchItem>
0414	<Operation type="Enumeration" value="AddAttribute"/>
0415	<UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0416	<RequestPayload>
0417	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0418	<Attribute>
0419	<AttributeName type="TextString" value="x-attribute1"/>
0420	<AttributeValue type="TextString" value="Value1"/>
0421	</Attribute>
0422	</RequestPayload>
0423	</BatchItem>
0424	<BatchItem>
0425	<Operation type="Enumeration" value="AddAttribute"/>
0426	<UniqueBatchItemID type="ByteString" value="9b898dc0577f8080"/>
0427	<RequestPayload>
0428	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>

0429	<Attribute>
0430	<AttributeName type="TextString" value="x-attribute2"/>
0431	<AttributeValue type="TextString" value="Value2"/>
0432	</Attribute>
0433	</RequestPayload>
0434	</BatchItem>
0435	</RequestMessage>
0436	<ResponseMessage>
0437	<ResponseHeader>
0438	<ProtocolVersion>
0439	<ProtocolVersionMajor type="Integer" value="1"/>
0440	<ProtocolVersionMinor type="Integer" value="2"/>
0441	</ProtocolVersion>
0442	<TimeStamp type="DateTime" value="2012-04-27T08:12:24+00:00"/>
0443	<BatchCount type="Integer" value="2"/>
0444	</ResponseHeader>
0445	<BatchItem>
0446	<Operation type="Enumeration" value="AddAttribute"/>
0447	<UniqueBatchItemID type="ByteString" value="23a177faa569463c"/>
0448	<ResultStatus type="Enumeration" value="Success"/>
0449	<ResponsePayload>
0450	<UniqueIdentifier type="TextString"
0451	value="\$UNIQUE_IDENTIFIER_0"/>
0452	<Attribute>
0453	<AttributeName type="TextString" value="x-attribute1"/>
0454	<AttributeValue type="TextString" value="Value1"/>
0455	</Attribute>
0456	</ResponsePayload>
0457	</BatchItem>
0458	<BatchItem>
0459	<Operation type="Enumeration" value="AddAttribute"/>
0460	<UniqueBatchItemID type="ByteString" value="9b898dc0577f8080"/>
0461	<ResultStatus type="Enumeration" value="Success"/>
0462	<ResponsePayload>
0463	<UniqueIdentifier type="TextString"
0464	value="\$UNIQUE_IDENTIFIER_0"/>
0465	<Attribute>
0466	<AttributeName type="TextString" value="x-attribute2"/>
0467	<AttributeValue type="TextString" value="Value2"/>
0468	</Attribute>
0469	</ResponsePayload>
0470	</BatchItem>
0471	</ResponseMessage>
0472	# TIME 11
0473	<RequestMessage>
0474	<RequestHeader>
0475	<ProtocolVersion>
0476	<ProtocolVersionMajor type="Integer" value="1"/>
0477	<ProtocolVersionMinor type="Integer" value="2"/>
0478	</ProtocolVersion>
0479	<BatchCount type="Integer" value="2"/>
0480	</RequestHeader>
0481	<BatchItem>
0482	<Operation type="Enumeration" value="ModifyAttribute"/>
0483	<UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>
0484	<RequestPayload>
0485	<UniqueIdentifier type="TextString"
0486	value="\$UNIQUE_IDENTIFIER_0"/>

0483	<Attribute>
0484	<AttributeName type="TextString" value="x-attribute1"/>
0485	<AttributeValue type="TextString" value="ModifiedValue1"/>
0486	</Attribute>
0487	</RequestPayload>
0488	</BatchItem>
0489	<BatchItem>
0490	<Operation type="Enumeration" value="ModifyAttribute"/>
0491	<UniqueBatchItemID type="ByteString" value="33f55c8d7e6cafbf"/>
0492	<RequestPayload>
0493	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0494	<Attribute>
0495	<AttributeName type="TextString" value="x-attribute2"/>
0496	<AttributeValue type="TextString" value="ModifiedValue2"/>
0497	</Attribute>
0498	</RequestPayload>
0499	</BatchItem>
0500	</RequestMessage>
0501	<ResponseMessage>
0502	<ResponseHeader>
0503	<ProtocolVersion>
0504	<ProtocolVersionMajor type="Integer" value="1"/>
0505	<ProtocolVersionMinor type="Integer" value="2"/>
0506	</ProtocolVersion>
0507	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0508	<BatchCount type="Integer" value="2"/>
0509	</ResponseHeader>
0510	<BatchItem>
0511	<Operation type="Enumeration" value="ModifyAttribute"/>
0512	<UniqueBatchItemID type="ByteString" value="0752c951bb9926cc"/>
0513	<ResultStatus type="Enumeration" value="Success"/>
0514	<ResponsePayload>
0515	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0516	<Attribute>
0517	<AttributeName type="TextString" value="x-attribute1"/>
0518	<AttributeValue type="TextString" value="ModifiedValue1"/>
0519	</Attribute>
0520	</ResponsePayload>
0521	</BatchItem>
0522	<BatchItem>
0523	<Operation type="Enumeration" value="ModifyAttribute"/>
0524	<UniqueBatchItemID type="ByteString" value="33f55c8d7e6cafbf"/>
0525	<ResultStatus type="Enumeration" value="Success"/>
0526	<ResponsePayload>
0527	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0528	<Attribute>
0529	<AttributeName type="TextString" value="x-attribute2"/>
0530	<AttributeValue type="TextString" value="ModifiedValue2"/>
0531	</Attribute>
0532	</ResponsePayload>
0533	</BatchItem>
0534	</ResponseMessage>
	# TIME 12
0535	<RequestMessage>
0536	<RequestHeader>

0537	<ProtocolVersion>
0538	<ProtocolVersionMajor type="Integer" value="1"/>
0539	<ProtocolVersionMinor type="Integer" value="2"/>
0540	</ProtocolVersion>
0541	<BatchCount type="Integer" value="2"/>
0542	</RequestHeader>
0543	<BatchItem>
0544	<Operation type="Enumeration" value="DeleteAttribute"/>
0545	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0546	<RequestPayload>
0547	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0548	<AttributeName type="TextString" value="x-attribute1"/>
0549	</RequestPayload>
0550	</BatchItem>
0551	<BatchItem>
0552	<Operation type="Enumeration" value="DeleteAttribute"/>
0553	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0554	<RequestPayload>
0555	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0556	<AttributeName type="TextString" value="x-attribute2"/>
0557	</RequestPayload>
0558	</BatchItem>
0559	</RequestMessage>
0560	<ResponseMessage>
0561	<ResponseHeader>
0562	<ProtocolVersion>
0563	<ProtocolVersionMajor type="Integer" value="1"/>
0564	<ProtocolVersionMinor type="Integer" value="2"/>
0565	</ProtocolVersion>
0566	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0567	<BatchCount type="Integer" value="2"/>
0568	</ResponseHeader>
0569	<BatchItem>
0570	<Operation type="Enumeration" value="DeleteAttribute"/>
0571	<UniqueBatchItemID type="ByteString" value="a3eb249b495e8ad2"/>
0572	<ResultStatus type="Enumeration" value="Success"/>
0573	<ResponsePayload>
0574	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0575	<Attribute>
0576	<AttributeName type="TextString" value="x-attribute1"/>
0577	<AttributeValue type="TextString" value="ModifiedValue1"/>
0578	</Attribute>
0579	</ResponsePayload>
0580	</BatchItem>
0581	<BatchItem>
0582	<Operation type="Enumeration" value="DeleteAttribute"/>
0583	<UniqueBatchItemID type="ByteString" value="c1fe7b3b4c977730"/>
0584	<ResultStatus type="Enumeration" value="Success"/>
0585	<ResponsePayload>
0586	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0587	<Attribute>
0588	<AttributeName type="TextString" value="x-attribute2"/>
0589	<AttributeValue type="TextString" value="ModifiedValue2"/>
0590	</Attribute>

0591	</ResponsePayload>
0592	</BatchItem>
0593	</ResponseMessage>
0594	# TIME 13
0594	<RequestMessage>
0595	<RequestHeader>
0596	<ProtocolVersion>
0597	<ProtocolVersionMajor type="Integer" value="1"/>
0598	<ProtocolVersionMinor type="Integer" value="2"/>
0599	</ProtocolVersion>
0600	<BatchCount type="Integer" value="1"/>
0601	</RequestHeader>
0602	<BatchItem>
0603	<Operation type="Enumeration" value="Get"/>
0604	<RequestPayload>
0605	<UniqueIdentifier type="TextString"
0606	value="\$UNIQUE_IDENTIFIER_0"/>
0607	</RequestPayload>
0608	</BatchItem>
0609	</RequestMessage>
0609	<ResponseMessage>
0610	<ResponseHeader>
0611	<ProtocolVersion>
0612	<ProtocolVersionMajor type="Integer" value="1"/>
0613	<ProtocolVersionMinor type="Integer" value="2"/>
0614	</ProtocolVersion>
0615	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0616	<BatchCount type="Integer" value="1"/>
0617	</ResponseHeader>
0618	<BatchItem>
0619	<Operation type="Enumeration" value="Get"/>
0620	<ResultStatus type="Enumeration" value="Success"/>
0621	<ResponsePayload>
0622	<ObjectType type="Enumeration" value="SymmetricKey"/>
0623	<UniqueIdentifier type="TextString"
0624	value="\$UNIQUE_IDENTIFIER_0"/>
0625	<SymmetricKey>
0626	<KeyBlock>
0627	<KeyFormatType type="Enumeration" value="Raw"/>
0628	<KeyValue>
0629	<KeyMaterial type="ByteString"
0630	value="100129b96802a2152aa8d9fb54ec1f83"/>
0631	</KeyValue>
0632	<CryptographicAlgorithm type="Enumeration" value="DES3"/>
0633	<CryptographicLength type="Integer" value="112"/>
0634	</KeyBlock>
0635	</SymmetricKey>
0636	</BatchItem>
0637	</ResponsePayload>
0638	</BatchItem>
0639	</ResponseMessage>
0637	# TIME 14
0637	<RequestMessage>
0638	<RequestHeader>
0639	<ProtocolVersion>
0640	<ProtocolVersionMajor type="Integer" value="1"/>
0641	<ProtocolVersionMinor type="Integer" value="2"/>
0642	</ProtocolVersion>
0643	<BatchCount type="Integer" value="1"/>

0644	</RequestHeader>
0645	<BatchItem>
0646	<Operation type="Enumeration" value="Destroy"/>
0647	<RequestPayload>
0648	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0649	</RequestPayload>
0650	</BatchItem>
0651	</RequestMessage>
0652	<ResponseMessage>
0653	<ResponseHeader>
0654	<ProtocolVersion>
0655	<ProtocolVersionMajor type="Integer" value="1"/>
0656	<ProtocolVersionMinor type="Integer" value="2"/>
0657	</ProtocolVersion>
0658	<TimeStamp type="DateTime" value="2012-04-27T08:12:25+00:00"/>
0659	<BatchCount type="Integer" value="1"/>
0660	</ResponseHeader>
0661	<BatchItem>
0662	<Operation type="Enumeration" value="Destroy"/>
0663	<ResultStatus type="Enumeration" value="Success"/>
0664	<ResponsePayload>
0665	<UniqueIdentifier type="TextString"
	value="\$UNIQUE_IDENTIFIER_0"/>
0666	</ResponsePayload>
0667	</BatchItem>
0668	</ResponseMessage>

4 Conformance

4.1 Basic Symmetric Key Foundry Client KMIP v1.0 Profile Conformance Statement

KMIP client ~~and server~~ implementations conformant to this profile:

1. Shall support the Authentication Suite conditions (2.1) and;
2. Shall support the Basic Symmetric Key Foundry (FIPS140) Client Profile conditions (1.1) and;
3. Shall support at least one of the Mandatory Test Cases KMIP v1.0 - Basic (3.1).

4.2 Intermediate Symmetric Key Foundry Client KMIP v1.0 Profile Conformance

KMIP client implementations conformant to this profile:

1. Shall support the Authentication Suite conditions (2.1) and;
2. Shall support the Intermediate Symmetric Key Foundry (FIPS140) Client Profile conditions (2.3) and;
3. Shall support at least one of the Mandatory Test Cases KMIP v1.0 – Intermediate (3.2).

4.3 Advanced Symmetric Key Foundry Client KMIP v1.0 Profile Conformance

KMIP client implementations conformant to this profile:

1. Shall support the Authentication Suite conditions (2.1) and;
2. Shall support the Advanced Symmetric Key Foundry (FIPS140) Client Profile conditions (2.4) and;
3. Shall support at least one of the Mandatory Test Cases KMIP v1.0 – Advanced (3.3).

4.4 Basic Symmetric Key Foundry Client KMIP v1.1 Profile Conformance

KMIP client implementations conformant to this profile:

1. Shall support the Authentication Suite conditions (2.1) and;
2. Shall support the Basic Symmetric Key Foundry (FIPS140) Client Profile conditions (1.1) and;
3. Shall support at least one of the Mandatory Test Cases KMIP v1.1 - Basic (3.4)

4.5 Intermediate Symmetric Key Foundry Client KMIP v1.1 Profile Conformance

KMIP client implementations conformant to this profile:

1. Shall support the Authentication Suite conditions (2.1) and;
2. Shall support the Intermediate Symmetric Key Foundry (FIPS140) Client Profile conditions (2.3) and;
3. Shall support at least one of the Mandatory Test Cases KMIP v1.1 - Intermediate (3.5)

4.6 Advanced Symmetric Key Foundry Client KMIP v1.1 Profile Conformance

KMIP client implementations conformant to this profile:

1. Shall support the Authentication Suite conditions (2.1) and;
2. Shall support the Advanced Symmetric Key Foundry (FIPS140) Client Profile conditions (2.4) and;
3. Shall support at least one of the Mandatory Test Cases KMIP v1.1 - Advanced (3.6)

4.7 Basic Symmetric Key Foundry Client KMIP v1.2 Profile Conformance

KMIP client implementations conformant to this profile:

1. Shall support the Authentication Suite conditions (2.1) and;
2. Shall support the Basic Symmetric Key Foundry (FIPS140) Client Profile conditions (1.1) and;
3. Shall support at least one of the Mandatory Test Cases KMIP v1.2 - Basic (3.7)

4.8 Intermediate Symmetric Key Foundry Client KMIP v1.2 Profile Conformance

KMIP client implementations conformant to this profile:

1. Shall support the Authentication Suite conditions (2.1) and;
2. Shall support the Intermediate Symmetric Key Foundry (FIPS140) Client Profile conditions (2.3) and;
3. Shall support at least one of the Mandatory Test Cases KMIP v1.2 - Intermediate (3.8)

4.9 Advanced Symmetric Key Foundry Client KMIP v1.2 Profile Conformance

KMIP client implementations conformant to this profile:

1. Shall support the Authentication Suite conditions (2.1) and;
2. Shall support the Advanced Symmetric Key Foundry (FIPS140) Client Profile conditions (2.4) and;
3. Shall support at least one of the Mandatory Test Cases KMIP v1.2 - Advanced (3.9)

4.10 Symmetric Key Foundry Server KMIP v1.0 Conformance

KMIP server implementations conformant to this profile:

1. Shall support the Authentication Suite conditions (2.1) and;
2. Shall support the Symmetric Key Foundry (FIPS140) Server Profile conditions (2.5) and;
3. Shall support all Mandatory Test Cases KMIP v1.0 - Basic (3.1) and;
4. Shall support all Mandatory Test Cases KMIP v1.0 – Intermediate (3.2) and;
5. Shall support all Mandatory Test Cases KMIP v1.0 – Advanced (3.3).

4.11 Symmetric Key Foundry Server KMIP v1.1 Conformance

KMIP server implementations conformant to this profile:

1. Shall support the Authentication Suite conditions (2.1) and;
2. Shall support the Symmetric Key Foundry (FIPS140) Server Profile conditions (2.5) and;

3. Shall support all Mandatory Test Cases KMIP v1.1 - Basic (3.4) and;
4. Shall support all Mandatory Test Cases KMIP v1.1 - Intermediate (3.5) and;
5. Shall support all Mandatory Test Cases KMIP v1.1 - Advanced (3.6).

4.12 Symmetric Key Foundry Server KMIP v1.2 Conformance

KMIP server implementations conformant to this profile:

1. Shall support the Authentication Suite conditions (2.1) and;
2. Shall support the Symmetric Key Foundry (FIPS140) Server Profile conditions (2.5) and;
3. Shall support all Mandatory Test Cases KMIP v1.2 - Basic (3.7) and;
4. Shall support all Mandatory Test Cases KMIP v1.2 - Intermediate (3.8) and;
3. ~~Shall support all Mandatory Test Cases KMIP v1.2 - Advanced (3.9) Shall support all Mandatory Test Cases (-, and -), for each supported protocol version (major and minor), returning results in accordance with the test cases.~~
5.).

4.24.13 Permitted Test Case Variations

Whilst the test cases provided in this Profile define the allowed request and response content, some inherent variations MAY occur and are permitted within a successfully completed test case.

Each test case MAY include allowed variations in the description of the test case in addition to the variations noted in this section.

Other variations not explicitly noted in this Profile SHALL be deemed non-conformant.

4.2.14.13.1 Variable Items

An implementation conformant to this Profile MAY vary the following values:

1. UniqueIdentifier
2. PrivateKeyUniqueIdentifier
3. PublicKeyUniqueIdentifier
4. UniqueBatchItemIdentifier
5. AsynchronousCorrelationValue
6. TimeStamp
7. KeyValue / KeyMaterial including:
 - a. key material content returned for managed cryptographic objects which are generated by the server
 - b. wrapped versions of keys where the wrapping key is dynamic or the wrapping contains variable output for each wrap operation
8. For response containing the output of cryptographic operation in Data / SignatureData/ MACData / IVCounterNonce where:
 - a. the managed object is generated by the server; or
 - b. the operation inherently contains variable output
9. For the following DateTime attributes where the value is not specified in the request as a fixed DateTime value:
 - a. ActivationDate
 - b. ArchiveDate
 - c. CompromiseDate

- 469 d. CompromiseOccurrenceDate
- 470 e. DeactivationDate
- 471 f. DestroyDate
- 472 g. InitialDate
- 473 h. LastChangeDate
- 474 i. ProtectStartDate
- 475 j. ProcessStopDate
- 476 k. ValidityDate
- 477 l. OriginalCreationDate
- 478 10. LinkedObjectIdentifier
- 479 11. DigestValue
 - 480 a. For those managed cryptographic objects which are dynamically generated
- 481 12. KeyFormatType
 - 482 a. The key format type selected by the server when it creates managed objects
- 483 13. Digest
 - 484 a. The HashingAlgorithm selected by the server when it calculates the digest for a managed
 - 485 object for which it has access to the key material
 - 486 b. The Digest Value
- 487 14. Extensions reported in Query for ExtensionList and ExtensionMap
- 488 15. Application Namespaces reported in Query
- 489 16. Object Types reported in Query other than those noted as required in this profile
- 490 17. Operation Types reported in Query other than those noted as required in this profile (or any
- 491 referenced profile documents)
- 492 18. For TextString attribute values containing test identifiers:
 - 493 a. Additional vendor or application prefixes
- 494 19. Additional attributes beyond those noted in the response
- 495
- 496 An implementation conformant to this Profile MAY allow the following response variations:
- 497 20. Object Group values – May or may not return one or more Object Group values not included in
- 498 the requests
- 499 21. y-CustomAttributes – May or may not include additional server-specific associated attributes not
- 500 included in requests
- 501 22. Message Extensions – May or may not include additional (non-critical) vendor extensions
- 502 23. TemplateAttribute – May or may not be included in responses where the Template Attribute
- 503 response is noted as optional in [KMIP-SPEC]
- 504 24. AttributeIndex – May or may not include Attribute Index value where the Attribute Index value is 0
- 505 for Protocol Versions 1.1 and above.
- 506 25. ResultMessage – May or may not be included in responses and the value (if included) may vary
- 507 from the text contained within the test case.
- 508 26. The list of Protocol Versions returned in a DiscoverVersion response may include additional
- 509 protocol versions if the request has not specified a list of client supported Protocol Versions.
- 510 27. VendorIdentification - The value (if included) may vary from the text contained within the test
- 511 case.

4.2.24.13.2 Variable behavior

An implementation conformant to this Profile SHALL allow variation of the following behavior:

1. A test ~~may~~MAY omit the clean-up requests and responses (containing Revoke and/or Destroy) at the end of the test provided there is a separate mechanism to remove the created objects during testing.
2. A test ~~may~~MAY omit the test identifiers if the client is unable to include them in requests. This includes the following attributes:
 - a. Name; and
 - b. x-ID
3. A test MAY perform requests with multiple batch items or as multiple requests with a single batch item provided the sequence of operations are equivalent
4. A request MAY contain an optional *Authentication* [KMIP_SPEC] structure within each request

Appendix A. Acknowledgments

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633 Magda Zdunkiewicz, Cryptsoft
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Appendix B. KMIP Specification Cross Reference

Reference Term	KMIP 1.0	KMIP 1.1	KMIP 1.2
1 Introduction			
<i>Non-Normative References</i>	1.3.	1.3.	1.3.
<i>Normative References</i>	1.2.	1.2.	1.2.
<i>Terminology</i>	1.1.	1.1.	1.1.
2 Objects			
<i>Attribute</i>	2.1.1.	2.1.1.	2.1.1.
<i>Base Objects</i>	2.1.	2.1.	2.1.
<i>Certificate</i>	2.2.1.	2.2.1.	2.2.1.
<i>Credential</i>	2.1.2.	2.1.2.	2.1.2.
<i>Data</i>	-	-	2.1.10.
<i>Data Length</i>	-	-	2.1.11.
<i>Extension Information</i>	-	2.1.9.	2.1.9.
<i>Key Block</i>	2.1.3.	2.1.3.	2.1.3.
<i>Key Value</i>	2.1.4.	2.1.4.	2.1.4.
<i>Key Wrapping Data</i>	2.1.5.	2.1.5.	2.1.5.
<i>Key Wrapping Specification</i>	2.1.6.	2.1.6.	2.1.6.
<i>MAC Data</i>	-	-	2.1.13.
<i>Managed Objects</i>	2.2.	2.2.	2.2.
<i>Nonce</i>	-	-	2.1.14.
<i>Opaque Object</i>	2.2.8.	2.2.8.	2.2.8.
<i>PGP Key</i>	-	-	2.2.9.
<i>Private Key</i>	2.2.4.	2.2.4.	2.2.4.
<i>Public Key</i>	2.2.3.	2.2.3.	2.2.3.
<i>Secret Data</i>	2.2.7.	2.2.7.	2.2.7.
<i>Signature Data</i>	-	-	2.1.12.
<i>Split Key</i>	2.2.5.	2.2.5.	2.2.5.
<i>Symmetric Key</i>	2.2.2.	2.2.2.	2.2.2.
<i>Template</i>	2.2.6.	2.2.6.	2.2.6.
<i>Template-Attribute Structures</i>	2.1.8.	2.1.8.	2.1.8.
<i>Transparent DH Private Key</i>	2.1.7.6.	2.1.7.6.	2.1.7.6.
<i>Transparent DH Public Key</i>	2.1.7.7.	2.1.7.7.	2.1.7.7.
<i>Transparent DSA Private Key</i>	2.1.7.2.	2.1.7.2.	2.1.7.2.
<i>Transparent DSA Public Key</i>	2.1.7.3.	2.1.7.3.	2.1.7.3.
<i>Transparent ECDH Private Key</i>	2.1.7.10.	2.1.7.10.	2.1.7.10.
<i>Transparent ECDH Public Key</i>	2.1.7.11.	2.1.7.11.	2.1.7.11.
<i>Transparent ECDSA Private Key</i>	2.1.7.8.	2.1.7.8.	2.1.7.8.
<i>Transparent ECDSA Public Key</i>	2.1.7.9.	2.1.7.9.	2.1.7.9.
<i>Transparent ECMQV Private Key</i>	2.1.7.12.	2.1.7.12.	2.1.7.12.
<i>Transparent ECMQV Public Key</i>	2.1.7.13.	2.1.7.13.	2.1.7.13.
<i>Transparent Key Structures</i>	2.1.7.	2.1.7.	2.1.7.
<i>Transparent RSA Private Key</i>	2.1.7.4.	2.1.7.4.	2.1.7.4.
<i>Transparent RSA Public Key</i>	2.1.7.5.	2.1.7.5.	2.1.7.5.
<i>Transparent Symmetric Key</i>	2.1.7.1.	2.1.7.1.	2.1.7.1.
3 Attributes			
<i>Activation Date</i>	3.19.	3.24.	3.24.
<i>Alternative Name</i>	-	-	3.40.
<i>Application Specific Information</i>	3.30.	3.36.	3.36.
<i>Archive Date</i>	3.27.	3.32.	3.32.

Reference Term	KMIP 1.0	KMIP 1.1	KMIP 1.2
<i>Attributes</i>	3	3	3
<i>Certificate Identifier</i>	3.9.	3.13.	3.13.
<i>Certificate Issuer</i>	3.11.	3.15.	3.15.
<i>Certificate Length</i>	-	3.9.	3.9.
<i>Certificate Subject</i>	3.10.	3.14.	3.14.
<i>Certificate Type</i>	3.8.	3.8.	3.8.
<i>Compromise Date</i>	3.25.	3.30.	3.30.
<i>Compromise Occurrence Date</i>	3.24.	3.29.	3.29.
<i>Contact Information</i>	3.31.	3.37.	3.37.
<i>Cryptographic Algorithm</i>	3.4.	3.4.	3.4.
<i>Cryptographic Domain Parameters</i>	3.7.	3.7.	3.7.
<i>Cryptographic Length</i>	3.5.	3.5.	3.5.
<i>Cryptographic Parameters</i>	3.6.	3.6.	3.6.
<i>Custom Attribute</i>	3.33.	3.39.	3.39.
<i>Deactivation Date</i>	3.22.	3.27.	3.27.
<i>Default Operation Policy</i>	3.13.2.	3.18.2.	3.18.2.
<i>Default Operation Policy for Certificates and Public Key Objects</i>	3.13.2.2.	3.18.2.2.	3.18.2.2.
<i>Default Operation Policy for Secret Objects</i>	3.13.2.1.	3.18.2.1.	3.18.2.1.
<i>Default Operation Policy for Template Objects</i>	3.13.2.3.	3.18.2.3.	3.18.2.3.
<i>Destroy Date</i>	3.23.	3.28.	3.28.
<i>Digest</i>	3.12.	3.17.	3.17.
<i>Digital Signature Algorithm</i>	-	3.16.	3.16.
<i>Fresh</i>	-	3.34.	3.34.
<i>Initial Date</i>	3.18.	3.23.	3.23.
<i>Key Value Location</i>	-	-	3.42.
<i>Key Value Present</i>	-	-	3.41.
<i>Last Change Date</i>	3.32.	3.38.	3.38.
<i>Lease Time</i>	3.15.	3.20.	3.20.
<i>Link</i>	3.29.	3.35.	3.35.
<i>Name</i>	3.2.	3.2.	3.2.
<i>Object Group</i>	3.28.	3.33.	3.33.
<i>Object Type</i>	3.3.	3.3.	3.3.
<i>Operation Policy Name</i>	3.13.	3.18.	3.18.
<i>Operations outside of operation policy control</i>	3.13.1.	3.18.1.	3.18.1.
<i>Original Creation Date</i>	-	-	3.43.
<i>Process Start Date</i>	3.20.	3.25.	3.25.
<i>Protect Stop Date</i>	3.21.	3.26.	3.26.
<i>Revocation Reason</i>	3.26.	3.31.	3.31.
<i>State</i>	3.17.	3.22.	3.22.
<i>Unique Identifier</i>	3.1.	3.1.	3.1.
<i>Usage Limits</i>	3.16.	3.21.	3.21.
<i>X.509 Certificate Identifier</i>	-	3.10.	3.10.
<i>X.509 Certificate Issuer</i>	-	3.12.	3.12.
<i>X.509 Certificate Subject</i>	-	3.11.	3.11.
4 Client-to-Server Operations			
<i>Activate</i>	4.18.	4.19.	4.19.
<i>Add Attribute</i>	4.13.	4.14.	4.14.
<i>Archive</i>	4.21.	4.22.	4.22.
<i>Cancel</i>	4.25.	4.27.	4.27.
<i>Certify</i>	4.6.	4.7.	4.7.
<i>Check</i>	4.9.	4.10.	4.10.
<i>Create</i>	4.1.	4.1.	4.1.
<i>Create Key Pair</i>	4.2.	4.2.	4.2.

Reference Term	KMIP 1.0	KMIP 1.1	KMIP 1.2
<i>Create Split Key</i>	-	-	4.38.
<i>Decrypt</i>	-	-	4.30.
<i>Delete Attribute</i>	4.15.	4.16.	4.16.
<i>Derive Key</i>	4.5.	4.6.	4.6.
<i>Destroy</i>	4.20.	4.21.	4.21.
<i>Discover Versions</i>	-	4.26.	4.26.
<i>Encrypt</i>	-	-	4.29.
<i>Get</i>	4.10.	4.11.	4.11.
<i>Get Attribute List</i>	4.12.	4.13.	4.13.
<i>Get Attributes</i>	4.11.	4.12.	4.12.
<i>Get Usage Allocation</i>	4.17.	4.18.	4.18.
<i>Hash</i>	-	-	4.37.
<i>Join Split Key</i>	-	-	4.39.
<i>Locate</i>	4.8.	4.9.	4.9.
<i>MAC</i>	-	-	4.33.
<i>MAC Verify</i>	-	-	4.34.
<i>Modify Attribute</i>	4.14.	4.15.	4.15.
<i>Obtain Lease</i>	4.16.	4.17.	4.17.
<i>Poll</i>	4.26.	4.28.	4.28.
<i>Query</i>	4.24.	4.25.	4.25.
<i>Re-certify</i>	4.7.	4.8.	4.8.
<i>Recover</i>	4.22.	4.23.	4.23.
<i>Register</i>	4.3.	4.3.	4.3.
<i>Re-key</i>	4.4.	4.4.	4.4.
<i>Re-key Key Pair</i>	-	4.5.	4.5.
<i>Revoke</i>	4.19.	4.20.	4.20.
<i>RNG Retrieve</i>	-	-	4.35.
<i>RNG Seed</i>	-	-	4.36.
<i>Sign</i>	-	-	4.31.
<i>Signature Verify</i>	-	-	4.32.
<i>Validate</i>	4.23.	4.24.	4.24.
5 Server-to-Client Operations			
<i>Notify</i>	5.1.	5.1.	5.1.
<i>Put</i>	5.2.	5.2.	5.2.
6 Message Contents			
<i>Asynchronous Correlation Value</i>	6.8.	6.8.	6.8.
<i>Asynchronous Indicator</i>	6.7.	6.7.	6.7.
<i>Attestation Capable Indicator</i>	-	-	6.17.
<i>Batch Count</i>	6.14.	6.14.	6.14.
<i>Batch Error Continuation Option</i>	6.13.	6.13.	6.13.
<i>Batch Item</i>	6.15.	6.15.	6.15.
<i>Batch Order Option</i>	6.12.	6.12.	6.12.
<i>Maximum Response Size</i>	6.3.	6.3.	6.3.
<i>Message Extension</i>	6.16.	6.16.	6.16.
<i>Operation</i>	6.2.	6.2.	6.2.
<i>Protocol Version</i>	6.1.	6.1.	6.1.
<i>Result Message</i>	6.11.	6.11.	6.11.
<i>Result Reason</i>	6.10.	6.10.	6.10.
<i>Result Status</i>	6.9.	6.9.	6.9.
<i>Time Stamp</i>	6.5.	6.5.	6.5.
<i>Unique Batch Item ID</i>	6.4.	6.4.	6.4.
7 Message Format			

Reference Term	KMIP 1.0	KMIP 1.1	KMIP 1.2
<i>Message Structure</i>	7.1.	7.1.	7.1.
<i>Operations</i>	7.2.	7.2.	7.2.
8 Authentication			
<i>Authentication</i>	8	8	8
9 Message Encoding			
<i>Alternative Name Type Enumeration</i>	-	-	9.1.3.2.34.
<i>Attestation Type Enumeration</i>	-	-	9.1.3.2.36.
<i>Batch Error Continuation Option Enumeration</i>	9.1.3.2.29.	9.1.3.2.30.	9.1.3.2.30.
<i>Bit Masks</i>	9.1.3.3.	9.1.3.3.	9.1.3.3.
<i>Block Cipher Mode Enumeration</i>	9.1.3.2.13.	9.1.3.2.14.	9.1.3.2.14.
<i>Cancellation Result Enumeration</i>	9.1.3.2.24.	9.1.3.2.25.	9.1.3.2.25.
<i>Certificate Request Type Enumeration</i>	9.1.3.2.21.	9.1.3.2.22.	9.1.3.2.22.
<i>Certificate Type Enumeration</i>	9.1.3.2.6.	9.1.3.2.6.	9.1.3.2.6.
<i>Credential Type Enumeration</i>	9.1.3.2.1.	9.1.3.2.1.	9.1.3.2.1.
<i>Cryptographic Algorithm Enumeration</i>	9.1.3.2.12.	9.1.3.2.13.	9.1.3.2.13.
<i>Cryptographic Usage Mask</i>	9.1.3.3.1.	9.1.3.3.1.	9.1.3.3.1.
<i>Defined Values</i>	9.1.3.	9.1.3.	9.1.3.
<i>Derivation Method Enumeration</i>	9.1.3.2.20.	9.1.3.2.21.	9.1.3.2.21.
<i>Digital Signature Algorithm Enumeration</i>	-	9.1.3.2.7.	9.1.3.2.7.
<i>Encoding Option Enumeration</i>	-	9.1.3.2.32.	9.1.3.2.32.
<i>Enumerations</i>	9.1.3.2.	9.1.3.2.	9.1.3.2.
<i>Examples</i>	9.1.2.	9.1.2.	9.1.2.
<i>Hashing Algorithm Enumeration</i>	9.1.3.2.15.	9.1.3.2.16.	9.1.3.2.16.
<i>Item Length</i>	9.1.1.3.	9.1.1.3.	9.1.1.3.
<i>Item Tag</i>	9.1.1.1.	9.1.1.1.	9.1.1.1.
<i>Item Type</i>	9.1.1.2.	9.1.1.2.	9.1.1.2.
<i>Item Value</i>	9.1.1.4.	9.1.1.4.	9.1.1.4.
<i>Key Compression Type Enumeration</i>	9.1.3.2.2.	9.1.3.2.2.	9.1.3.2.2.
<i>Key Format Type Enumeration</i>	9.1.3.2.3.	9.1.3.2.3.	9.1.3.2.3.
<i>Key Role Type Enumeration</i>	9.1.3.2.16.	9.1.3.2.17.	9.1.3.2.17.
<i>Key Value Location Type Enumeration</i>	-	-	9.1.3.2.35.
<i>Link Type Enumeration</i>	9.1.3.2.19.	9.1.3.2.20.	9.1.3.2.20.
<i>Name Type Enumeration</i>	9.1.3.2.10.	9.1.3.2.11.	9.1.3.2.11.
<i>Object Group Member Enumeration</i>	-	9.1.3.2.33.	9.1.3.2.33.
<i>Object Type Enumeration</i>	9.1.3.2.11.	9.1.3.2.12.	9.1.3.2.12.
<i>Opaque Data Type Enumeration</i>	9.1.3.2.9.	9.1.3.2.10.	9.1.3.2.10.
<i>Operation Enumeration</i>	9.1.3.2.26.	9.1.3.2.27.	9.1.3.2.27.
<i>Padding Method Enumeration</i>	9.1.3.2.14.	9.1.3.2.15.	9.1.3.2.15.
<i>Put Function Enumeration</i>	9.1.3.2.25.	9.1.3.2.26.	9.1.3.2.26.
<i>Query Function Enumeration</i>	9.1.3.2.23.	9.1.3.2.24.	9.1.3.2.24.
<i>Recommended Curve Enumeration for ECDSA, ECDH, and ECMQV</i>	9.1.3.2.5.	9.1.3.2.5.	9.1.3.2.5.
<i>Result Reason Enumeration</i>	9.1.3.2.28.	9.1.3.2.29.	9.1.3.2.29.
<i>Result Status Enumeration</i>	9.1.3.2.27.	9.1.3.2.28.	9.1.3.2.28.
<i>Revocation Reason Code Enumeration</i>	9.1.3.2.18.	9.1.3.2.19.	9.1.3.2.19.
<i>Secret Data Type Enumeration</i>	9.1.3.2.8.	9.1.3.2.9.	9.1.3.2.9.
<i>Split Key Method Enumeration</i>	9.1.3.2.7.	9.1.3.2.8.	9.1.3.2.8.
<i>State Enumeration</i>	9.1.3.2.17.	9.1.3.2.18.	9.1.3.2.18.
<i>Storage Status Mask</i>	9.1.3.3.2.	9.1.3.3.2.	9.1.3.3.2.
<i>Tags</i>	9.1.3.1.	9.1.3.1.	9.1.3.1.
<i>TTLV Encoding</i>	9.1.	9.1.	9.1.
<i>TTLV Encoding Fields</i>	9.1.1.	9.1.1.	9.1.1.
<i>Usage Limits Unit Enumeration</i>	9.1.3.2.30.	9.1.3.2.31.	9.1.3.2.31.

Reference Term	KMIP 1.0	KMIP 1.1	KMIP 1.2
<i>Validity Indicator Enumeration</i>	9.1.3.2.22.	9.1.3.2.23.	9.1.3.2.23.
<i>Wrapping Method Enumeration</i>	9.1.3.2.4.	9.1.3.2.4.	9.1.3.2.4.
<i>XML Encoding</i>	9.2.	-	-
10 Transport			
<i>Transport</i>	10	10	10
12 KMIP Server and Client Implementation Conformance			
<i>Conformance clauses for a KMIP Server</i>	12.1.	-	-
<i>KMIP Client Implementation Conformance</i>	-	12.2.	12.2.
<i>KMIP Server Implementation Conformance</i>	-	12.1.	12.1.

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Appendix C. Revision History

Revision	Date	Editor	Changes Made
wd01	26-June-2013	Tim Hudson / Bob Lockhart	Updated conformance wording style. Updated test case style. Included test cases for 1.0, 1.1 and 1.2. Applied new OASIS template.
wd02	6-August-2013	Tim Hudson / Bob Lockhart	Updated to include Permitted Test Case Variations and updated Test Cases based on July 2013 Interop
wd02	10-August-2013	Tim Hudson	Updated Permitted Test Case Variations
wd03a	24-October-2013	Tim Hudson	Editorial update to include VendorIdentification in the list of allowed variations as per TC motion.
pr01update	11-June-2014	Tim Hudson	Updated following Public Review