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General Statement

QuintessenceLabs has successfully implemented the profiles [1] of the OASIS Key Management Interoperability Protocol (KMIP) Specification Version 1.1 [2] in accordance with the conformance clauses specified therein and OASIS policy. The implementation has successfully been used in interoperation with other independent implementations.

Detailed Statement

QuintessenceLabs has successfully implemented the core set of objects, attributes and operations defined in the OASIS Key Management Interoperability Protocol (KMIP) Specification Version 1.1 [2], in accordance with the guidance in the OASIS KMIP Usage Guide [3].

QuintessenceLabs has used or implemented support for the following profiles [1] in accordance with the conformance clauses specified therein:

- a. Basic Discover Versions Server Profile
- b. Basic Baseline Server KMIP Profile
- c. Basic Secret Data Server KMIP Profile
- d. Basic Symmetric Key Store and Server KMIP Profile
- e. Basic Symmetric Key Foundry and Server KMIP Profile
- f. Basic Asymmetric Key Store Server KMIP Profile
- g. Basic Asymmetric Key Foundry and Server KMIP Profile
- h. Basic Discover Versions Client KMIP Profile
- i. Basic Baseline Client KMIP Profile
- j. Basic Secret Data Client KMIP Profile
- k. Basic Symmetric Key Store Client KMIP Profile
- l. Basic Symmetric Key Foundry Client KMIP Profile
- m. Basic Asymmetric Key Store Client KMIP Profile
- n. Basic Asymmetric Key and Certificate Store Client KMIP Profile
- o. Basic Asymmetric Key Foundry Client KMIP Profile
- p. Basic Certificate Client KMIP Profile
- q. Basic Asymmetric Key Foundry and Certificate Client KMIP Profile
- r. Storage Client KMIP Profile

All test cases defined in the OASIS KMIP Test Cases document [4] related to the supported profiles have been implemented enabling demonstration of successful communication between a KMIP client and a KMIP server.

The QuintessenceLabs KMIP client implementation has successfully been used in interoperation with the QuintessenceLabs KMIP server implementation and with KMIP server implementations by Cryptsoft, IBM, SafeNet and Thales.

KMIP client implementations by Cryptsoft, IBM, NetApp, SafeNet and Thales have successfully been used in interoperation with the QuintessenceLabs KMIP server.

[1] Key Management Interoperability Protocol (KMIP) Profiles Version 1.1, 27-July-2012, OASIS Committee Specification 01, <http://docs.oasis-open.org/kmip/profiles/v1.1/cs01/kmip-profiles-v1.1-cs01.doc>

[2] Key Management Interoperability Protocol (KMIP) Specification Version 1.1, 27-July-2012, OASIS Committee Specification 01, <http://docs.oasis-open.org/kmip/spec/v1.1/cs01/kmip-spec-v1.1-cs01.doc>

[3] Key Management Interoperability Protocol (KMIP) Usage Guide Version 1.1, 27-July-2012, OASIS Committee Note 01, <http://docs.oasis-open.org/kmip/ug/v1.1/cn01/kmip-ug-v1.1-cn01.doc>

[4] Key Management Interoperability Protocol (KMIP) Test Cases Version 1.1, 27-July-2012, OASIS Committee Note 01, <http://docs.oasis-open.org/kmip/testcases/v1.1/cn01/kmip-testcases-v1.1-cn01.doc>

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