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General Statement

IBM has successfully used or implemented the profiles [2], [3], [4], [5], [6], [7], [8] of the OASIS Key Management Interoperability Protocol (KMIP) Specification [1] in accordance with the conformance clauses specified therein and OASIS policy. The implementation has successfully been used in interoperation with other implementations.

Detailed Statement

IBM has successfully used or implemented the core set of objects, attributes and operations defined in the OASIS Key Management Interoperability Protocol (KMIP) Specification [1], in accordance with the conformance clauses specified therein.

IBM has used or implemented support for the following profiles [2], [3], [4], [5], [6], [7], [8] in accordance with the conformance clauses specified therein.

- Baseline Server Basic KMIP v1.2
- Baseline Server TLS v1.2 KMIP v1.2
- Baseline Client Basic KMIP v1.2
- Baseline Client TLS v1.2 KMIP v1.2
- Tape Library Client KMIP v1.0
- Tape Library Client KMIP v1.1
- Tape Library Client KMIP v1.2
- Tape Library Server KMIP v1.0
- Tape Library Server KMIP v1.1
- Tape Library Server KMIP v1.2
- Symmetric Key Lifecycle Client KMIP v1.0
- Symmetric Key Lifecycle Client KMIP v1.1
- Symmetric Key Lifecycle Client KMIP v1.2
- Symmetric Key Lifecycle Server KMIP v1.0
- Symmetric Key Lifecycle Server KMIP v1.1
- Symmetric Key Lifecycle Server KMIP v1.2
- Asymmetric Key Lifecycle Client KMIP v1.0
- Asymmetric Key Lifecycle Client KMIP v1.1
- Asymmetric Key Lifecycle Client KMIP v1.2
- Asymmetric Key Lifecycle Server KMIP v1.0
- Asymmetric Key Lifecycle Server KMIP v1.1
- Asymmetric Key Lifecycle Server KMIP v1.2
- Basic Symmetric Key Foundry Client KMIP v1.0
- Intermediate Symmetric Key Foundry Client KMIP v1.0

- Advanced Symmetric Key Foundry Client KMIP v1.0
- Basic Symmetric Key Foundry Client KMIP v1.1
- Intermediate Symmetric Key Foundry Client KMIP v1.1
- Advanced Symmetric Key Foundry Client KMIP v1.1
- Basic Symmetric Key Foundry Client KMIP v1.2
- Intermediate Symmetric Key Foundry Client KMIP v1.2
- Advanced Symmetric Key Foundry Client KMIP v1.2
- Symmetric Key Foundry Server KMIP v1.0
- Symmetric Key Foundry Server KMIP v1.1
- Symmetric Key Foundry Server KMIP v1.2
- Storage Array with Self Encrypting Drive Client KMIP v1.0
- Storage Array with Self Encrypting Drive Client KMIP v1.1
- Storage Array with Self Encrypting Drive Client KMIP v1.2
- Storage Array with Self Encrypting Drive Server KMIP v1.0
- Storage Array with Self Encrypting Drive Server KMIP v1.1
- Storage Array with Self Encrypting Drive Server KMIP v1.2
- HTTPS Client KMIP v1.0
- HTTPS Client KMIP v1.1
- HTTPS Client KMIP v1.2
- HTTPS Server KMIP v1.0
- HTTPS Server KMIP v1.1
- HTTPS Server KMIP v1.2

All mandatory test cases defined in the OASIS KMIP profiles have been used or implemented enabling demonstration of successful communication between a KMIP client and a KMIP server.

IBM KMIP clients have successfully been used in interoperation with the IBM KMIP server and with KMIP server implementations by Cryptsoft, Dell, HP, id-Quantique, Thales and Vormetric.

KMIP client implementations by Cryptsoft, HP, P6R and Sepaton have successfully been used in interoperation with the IBM KMIP server.

[1] Key Management Interoperability Protocol Specification Version 1.2, Committee Specification 01, 11 November 2014, <http://docs.oasis-open.org/kmip/spec/v1.2/cs01/kmip-spec-v1.2-cs01.html>

[2] Key Management Interoperability Protocol Profiles Version 1.2, Committee Specification 01, 11 November 2014, <http://docs.oasis-open.org/kmip/profiles/v1.2/cs01/kmip-profiles-v1.2-cs01.html>

[3] KMIP Additional Message Encodings Version 1.0, Committee Specification 01, 11 November 2014, <http://docs.oasis-open.org/kmip/kmip-addtl-msg-enc/v1.0/cs01/kmip-addtl-msg-enc-v1.0-cs01.html>

[4] KMIP Asymmetric Key Lifecycle Profile Version 1.0, Committee Specification 01, 11 November 2014, <http://docs.oasis-open.org/kmip/kmip-asym-key-profile/v1.0/cs01/kmip-asym-key-profile-v1.0-cs01.html>

[5] KMIP Storage Array with Self-Encrypting Drives Profile Version 1.0, Committee Specification 01, 11 November 2014, <http://docs.oasis-open.org/kmip/kmip-sa-sed-profile/v1.0/cs01/kmip-sa-sed-profile-v1.0-cs01.html>

[6] KMIP Symmetric Key Foundry for FIPS 140-2 Profile Version 1.0, Committee Specification 01, 11 November 2014, <http://docs.oasis-open.org/kmip/kmip-sym-foundry-profile/v1.0/cs01/kmip-sym-foundry-profile-v1.0-cs01.html>

[7] KMIP Symmetric Key Lifecycle Profile Version 1.0, Committee Specification 01, 11 November 2014, <http://docs.oasis-open.org/kmip/kmip-sym-key-profile/v1.0/cs01/kmip-sym-key-profile-v1.0-cs01.html>

[8] KMIP Tape Library Profile Version 1.0, Committee Specification 01, 11 November 2014, <http://docs.oasis-open.org/kmip/kmip-tape-lib-profile/v1.0/cs01/kmip-tape-lib-profile-v1.0-cs01.html>

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