

P.O. Box 6389, Fairfield Gardens 4103, Australia
Tim Hudson, CTO
Cryptsoft Pty Ltd
tjh@cryptsoft.com

General Statement

Cryptsoft has successfully used or implemented the OASIS Key Management Interoperability Protocol (KMIP) as specified in KMIP Specification [1] and KMIP Profiles [2] standards in accordance with the conformance clauses specified therein and OASIS policy. The implementation has successfully been used in interoperation with other implementations.

Detailed Statement

Cryptsoft has successfully used or implemented the core set of objects, attributes and operations defined in the KMIP Specification [1], in accordance with the conformance clauses specified therein.

Cryptsoft has used or implemented support for the following the KMIP Profiles [2] in accordance with the conformance clauses specified therein.

- Baseline Server Basic KMIP v1.3
- Baseline Server TLS v1.2 KMIP v1.3
- Baseline Client Basic KMIP v1.3
- Baseline Client TLS v1.2 KMIP v1.3
- HTTPS Client KMIP v1.3
- HTTPS Server KMIP v1.3
- XML Client KMIP v1.3
- XML Server KMIP v1.3
- JSON Client KMIP v1.3
- JSON Server KMIP v1.3
- Symmetric Key Lifecycle Client KMIP v1.3
- Symmetric Key Lifecycle Server KMIP v1.3
- Basic Symmetric Key Foundry Client KMIP v1.3
- Intermediate Symmetric Key Foundry Client KMIP v1.3
- Advanced Symmetric Key Foundry Client KMIP v1.3
- Symmetric Key Foundry Server KMIP v1.3
- Asymmetric Key Lifecycle Client KMIP v1.3

- Asymmetric Key Lifecycle Server KMIP v1.3
- Basic Cryptographic Client KMIP v1.3
- Advanced Cryptographic Client KMIP v1.3
- RNG Cryptographic Client KMIP v1.3
- Basic Cryptographic Server KMIP v1.3
- Advanced Cryptographic Server KMIP v1.3
- RNG Cryptographic Server KMIP v1.3
- Opaque Managed Object Store Client KMIP v1.3
- Opaque Managed Object Store Server KMIP v1.3
- Storage Array with Self Encrypting Drive Client KMIP v1.3
- Storage Array with Self Encrypting Drive Server KMIP v1.3
- Tape Library Client KMIP v1.3
- Tape Library Server KMIP v1.3
- Suite B minLOS_128 Client KMIP v1.3
- Suite B minLOS_128 Server KMIP v1.3
- Suite B minLOS_192 Client KMIP v1.3
- Suite B minLOS_192 Server KMIP v1.3

All mandatory test cases defined in the KMIP Profiles [2] have been used or implemented enabling demonstration of successful communication between a KMIP client and a KMIP server.

Cryptsoft KMIP clients have successfully been used in interoperation with the Cryptsoft KMIP servers and with KMIP server implementations by Dell, Fornetix, HPE and IBM.

KMIP client implementations by Fornetix and P6R and have successfully been used in interoperation with Cryptsoft KMIP servers.

[1] Key Management Interoperability Protocol Specification Version 1.3, Committee Specification 01, 28-July-2016, <http://docs.oasis-open.org/kmip/spec/v1.3/kmip-spec-v1.3.html>

[2] Key Management Interoperability Protocol Profiles Version 1.3, Committee Specification 01, 28-July-2016, <http://docs.oasis-open.org/kmip/profiles/v1.3/kmip-profiles-v1.3.html>