



<https://www.cryptosoft.com/>

DATE: 18 MAY 2020

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

General Statement

Cryptosoft has successfully used or implemented the OASIS Key Management Interoperability Protocol (KMIP) Version 2.1 as specified in KMIP Specification [1] and 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

Cryptosoft 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.

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

- Advanced Cryptographic Client Profile
- Advanced Cryptographic Server Profile
- Advanced Symmetric Key Foundry Client Profile
- AES XTS Client Profile
- AES XTS Server Profile
- Asymmetric Key Lifecycle Client Profile
- Asymmetric Key Lifecycle Server Profile
- Baseline Client Basic Profile
- Baseline Server Basic Profile
- Basic Cryptographic Client Profile
- Basic Cryptographic Server Profile
- Basic Symmetric Key Foundry Client Profile
- HTTPS Client Profile
- HTTPS Server Profile
- Intermediate Symmetric Key Foundry Client Profile

- JSON Client Profile
- JSON Server Profile
- Opaque Managed Object Client Profile
- Opaque Managed Object Server Profile
- PKCS#11 Client Profile
- PKCS#11 Server Profile
- Quantum Safe Client Profile
- Quantum Safe Server Profile
- RNG Cryptographic Client Profile
- RNG Cryptographic Server Profile
- Storage Array with Self-Encrypting Drives Client Profile
- Storage Array with Self-Encrypting Drives Server Profile
- Symmetric Key Foundry Server Profile
- Symmetric Key Lifecycle Client Profile
- Symmetric Key Lifecycle Server Profile
- Tape Library Client Profile
- Tape Library Server Profile
- XML Client Profile
- XML Server Profile

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

Cryptsoft KMIP clients have also successfully been used in interoperation with KMIP server implementations by Cryptsoft, Foretix, IBM, PrimeKey, Quintessence Labs, and Utimaco.

KMIP client implementations by Cryptsoft, Fortanix and Quintessence Labs have also successfully been used in interoperation with Cryptsoft KMIP servers.

[1] Key Management Interoperability Protocol Specification Version 2.1, Committee Specification 01, 07 May 2020, <http://docs.oasis-open.org/kmip/kmip-spec/v2.1/cs01/kmip-spec-v2.1-cs01.docx>

[2] Key Management Interoperability Protocol Profiles Version 2.1, Committee Specification 01, 07 May 2020, <http://docs.oasis-open.org/kmip/kmip-profiles/v2.1/cs01/kmip-profiles-v2.1-cs01.docx>