

Simultaneously with the approval of a Committee Specification or at a later date, and after three Statements of Use have been presented to the TC, a TC may resolve by Special Majority Vote to submit the Committee Specification to the Membership of OASIS for consideration as an OASIS Standard. Upon resolution of the TC to submit the specification, its Chair shall submit the following items to the TC Administrator:

(a) Links to the approved Committee Specification in the TC's document repository, and any appropriate supplemental documentation for the specification, both of which must be written using the OASIS templates. The specification may not have been changed between its approval as a Committee Specification and its submission to OASIS for consideration as an OASIS Standard, except for the changes on the title page and running footer noting the approval status and date.

The KMIP V1.0 specification comprises the following four documents:

<http://www.oasis-open.org/apps/org/workgroup/kmip/download.php/38021/kmip-spec-1.0-cd-12.pdf>

<http://www.oasis-open.org/apps/org/workgroup/kmip/download.php/37986/kmip-profiles-1.0-cd-06.pdf>

<http://www.oasis-open.org/apps/org/workgroup/kmip/download.php/38023/kmip-usecases-1.0-cd-11.pdf>

<http://www.oasis-open.org/apps/org/workgroup/kmip/download.php/37977/kmip-ug-1.0-cd-10.pdf>

(b) The editable version of all files that are part of the Committee Specification;

The editable versions of the above documents are available at:

<http://www.oasis-open.org/apps/org/workgroup/kmip/download.php/38021/kmip-spec-1.0-cd-12.doc>

<http://www.oasis-open.org/apps/org/workgroup/kmip/download.php/37986/kmip-profiles-1.0-cd-06.doc>

<http://www.oasis-open.org/apps/org/workgroup/kmip/download.php/38023/kmip-usecases-1.0-cd-11.doc>

<http://www.oasis-open.org/apps/org/workgroup/kmip/download.php/37977/kmip-ug-1.0-cd-10.doc>

(c) Certification by the TC that all schema and XML instances included in the specification, whether by inclusion or reference, including fragments of such, are well formed, and that all expressions are valid;

The KMIP V1.0 documents include expression of message format and contents; all instances of such expressions included in the specification, whether by inclusion or reference, including fragments of such, are well formed and valid. KMIP V1.0 does not include schema or XML expressions.

(d) A clear English-language summary of the specification;

The Key Management Interoperability Protocol (KMIP) establishes a single, comprehensive protocol for communication between enterprise key management servers and cryptographic clients. By defining a protocol that can be used by any cryptographic client, from the smallest automated electric meters to the most complex disk-arrays, KMIP enables enterprise key management servers to speak a single protocol to all cryptographic clients supporting the protocol. Through vendor support of KMIP, an enterprise will be able to consolidate key management in a single enterprise key management system, reducing operational and infrastructure costs while strengthening operational controls and governance of security policy.

KMIP includes three primary elements:

- Objects. These are the symmetric keys, asymmetric keys, digital certificates and so on upon which operations are performed.
- Operations. These are the actions taken with respect to the objects, such as getting an object from a key management system, modifying attributes of an object and so on.
- Attributes. These are the properties of the object, such as the kind of object it is, the unique identifier for the object, and so on.

The protocol supports other elements, such as the use of templates that can simplify the specification of attributes in a request or response. But at its most basic level, KMIP consists of placing objects, operations and/or attributes either into a request from a cryptographic client to a key management server or into a response from a key management server to a cryptographic client.

(e) A statement regarding the relationship of this specification to similar work of other OASIS TCs or other standards developing organizations;

As a transport-level protocol, KMIP is complementary to other key management efforts, including OASIS EKMI and IEEE P1619.3, expressed in XML.KMIP leverages other standards whenever possible. For example, it uses the key life-cycle specified in NIST special publication 800-57 to define attributes related to key states. It uses network security mechanisms such as TLS to establish authenticated communication between the key management system and the cryptographic client. It relies on existing standards for encryption algorithms, key derivation and many other aspects of a cryptographic solution, focusing on the unique and critical problem of interoperable messages between key management systems and cryptographic clients.

(f) The Statements of Use presented above;

Statements of Use are available at the following location: (email uri?)

(g) The beginning and ending dates of the public review(s), a pointer to the announcement of the public review(s), and a pointer to an account of each of the comments/issues raised during the public review period(s), along with its resolution;

First public review:

- beginning date: 1-December-2009
- ending date: 30-January-2010
- announcement: <http://lists.oasis-open.org/archives/kmip/200911/msg00050.html>
- comments spreadsheet: http://www.oasis-open.org/apps/org/workgroup/kmip/download.php/38097/KMIP_nontc_public_review_comments%202feb10.xlsx

Second public review:

- beginning date: 29-April-2010
- ending date: 14-May-2010
- announcement: <http://www.oasis-open.org/apps/org/workgroup/kmip/email/archives/201004/msg00021.html>
- comments spreadsheet: <http://www.oasis-open.org/committees/download.php/38083/KMIP%20non-TC%20Public%20Review%202%20Comments%201jun2010.xls>

(h) An account of and results of the voting to approve the specification as a Committee Specification, including the date of the ballot and a pointer to the ballot;

KMIP TC unanimously agreed on 27-May-2009 to request the OASIS TC Admin to initiate a Special Majority Vote to approve the KMIP specification as a Committee Specification. The ballot started x-x-x and ended x-x-x., with the following results:

In favor:

Opposed:

Abstain

(i) An account of or pointer to votes and comments received in any earlier attempts to standardize substantially the same specification, together with the originating TC's response to each comment;

There were no earlier attempts to standardize this or any other KMIP specification.

(j) A pointer to the publicly visible comments archive for the originating TC;

The publicly visible comments archive for KMIP TC is available at <http://lists.oasis-open.org/archives/kmip-comment/>.

(k) A pointer to any minority reports delivered by one or more Members who did not vote in favor of approving the Committee Specification, which report may include statements regarding why the member voted against the specification or that the member believes that Substantive Changes were made which have not gone through public review; or certification by the Chair that no minority reports exist.

[Minority reports are available at]