IEEE SISWG P1619.3
Sub-Committee Status Summary

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4/15/2009

KMIP

- Should P1619.3 include the mandatory KMIP binary encoding in its entirety for our binary protocol?
- Plenary Item
- Proposal Needed (Hubis).

KMIP – Future Direction

- Create an XML WSDL that is a mechanical translation of a subset of the KMIP binary protocol.
  - A Method to do mechanical translations.
- Add on P1619.3-specific extensions.

KMIP/P1619.3 Mapping

- Mapping effort to identify features in P1619.3 that are not in KMIP are in process.

- Identify P1619.3-specific extensions that were left out of KMIP.

- Architecture Review (In Process)

- Formal Liaison (In Process)

KMIP

- Add P1619.3 Namespace
  - KMIP does not define any namespaces.
  - The only requirement is that they are unique in the local server context
- Convergence is not an issue.

KMIP

- Define concrete default port bindings for P1619.3/KMIP services

- Register ports with IANA
  - Required for Interoperability

- P1619.3 Requirements
  - Need to avoid conflicts

KMIP

- Define an optional enrollment protocol.
  - Simplifies client management.
  - Need a proposal (TBD)
- Define a optional discovery protocol
  - Simplify management.
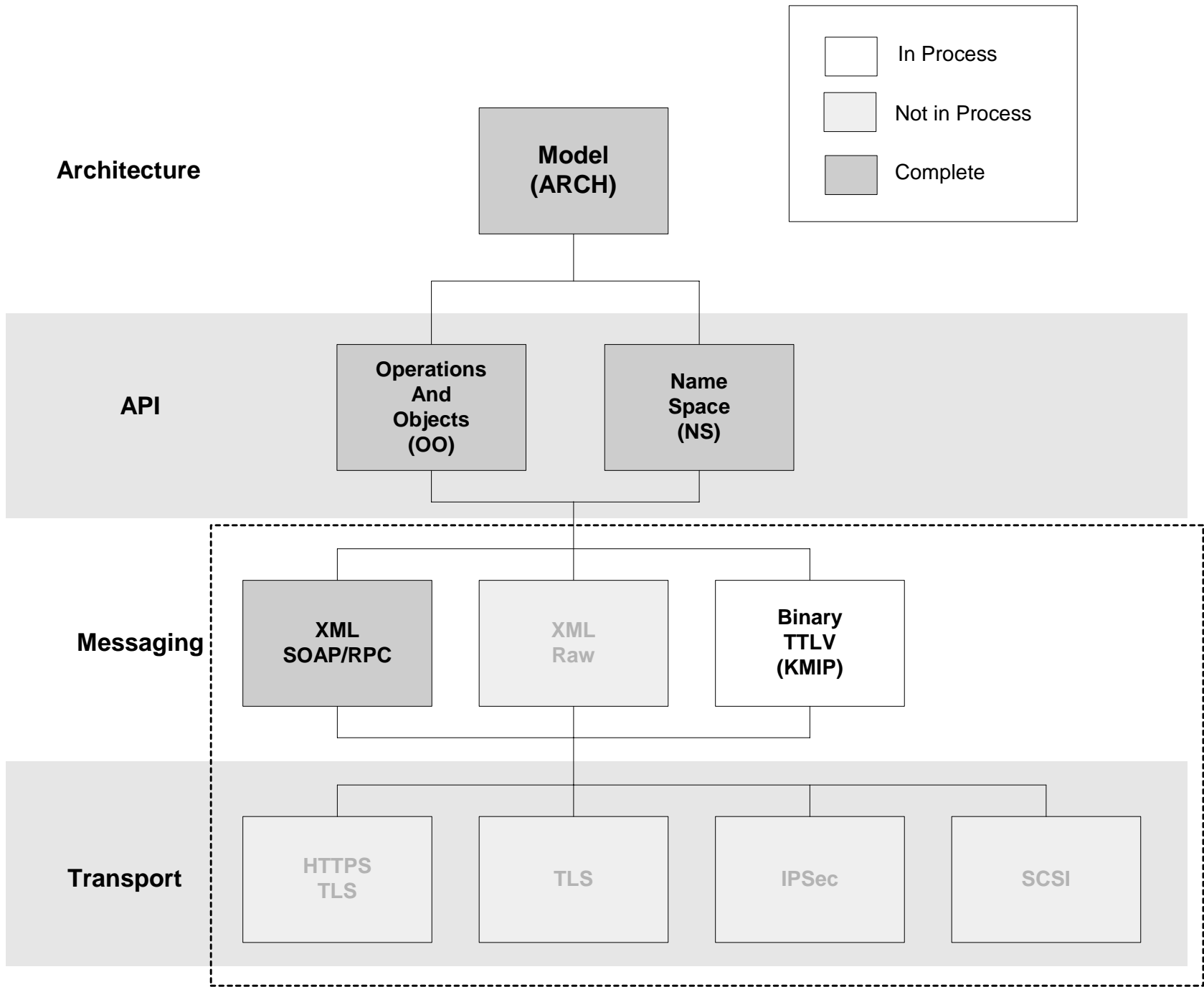 - A proposal is needed (TBD)

KMIP

- Define Server-to-Server communication.
  - Deferred until a later version of the protocol.

P1619.3 Overview

- Draft 6 now in Comment Review
  - Comment Deadline: March 20, 2009
- In Process
  - Messaging
    - Binary: KMIP Evaluation
    - XML: KMIP Comparison

Important Dates

- March 20, 2009
  - Deadline for Draft 6 Comments
- April 15, 2009
  - SISWG Plenary
    - Conference Call
  - Proposals Needed by March 16, 2009

	In Process
	Not in Process
	Complete

Architecture

Model (ARCH)

API

Operations And Objects (OO)

Name Space (NS)

Messaging

XML SOAP/RPC

XML Raw

Binary TTLV (KMIP)

Transport

HTTPS TLS

TLS

IPSec

SCSI

Committee	Start Date	Current	Comments
ARCH	10/2007	Complete 3/2008	
NS	6/2007	Complete 1/2008	
OO	9/2007	Complete 11/2008	
MSG (SOAP-XML)	9/2007	Complete 1/14/2009	
MSG (Binary)	9/2007	TBD	Proposal to use KMIP

Timeline