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 an 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
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<tr>
<th>Committee</th>
<th>Start Date</th>
<th>Current</th>
<th>Comments</th>
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<tbody>
<tr>
<td>NS</td>
<td>6/2007</td>
<td>Complete 1/2008</td>
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<tr>
<td>MSG (SOAP-XML)</td>
<td>9/2007</td>
<td>Complete 1/14/2009</td>
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<tr>
<td>MSG (Binary)</td>
<td>9/2007</td>
<td>TBD</td>
<td>Proposal to use KMIP</td>
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Timeline

- 4/15/09: SISWG Plenary
- 6/2009: Complete Draft
- 8/2009: Ballot Review (1619.3)
- 10/2009: Final Comments
- 3/2010: Start SISWG Process
- 3/2010: SISWG Approval