

Update Since SACM Session I

IETF 95

04/08/2016

Agenda

- Quick review of the IM breakout session
- IM merger update
- Next steps

Quick review of IM breakout session¹²

- Data in motion vs. data at rest (SACM deals with data in motion)
- Resolution of IM structure names (Attribute, Object, AIE, and CIE)
 - Attribute remains the same
 - Object is now Subject
- SACM Content Element and Statement
 - Content Element is a Subject and it's metadata
 - Statement is one or more Content Elements and metadata about a Provider
 - Still have to decide if we need Content Elements and Statements
- Attributes may or may not identify a target endpoint
 - Depends on organization infrastructure and may be configured with Guidance
 - Need to provide a placeholder for identifying attributes

1. <http://www.ietf.org/mail-archive/web/sacm/current/msg03907.html>
2. Proposals for changes will be discussed on list for WG consensus

IM merger update (1)

- Working to merge text from draft-cam-winget-sacm-information-model-00¹ (I-D IM) into the WG IM²
 1. Copied text that we liked from the WG IM and merged it into the appropriate sections of the I-D IM
 2. Revised combined text to our liking in the I-D IM
 3. Will make suggestions as to how the new text in the I-D IM can be integrated into the WG IM

1. <https://datatracker.ietf.org/doc/draft-cam-winget-sacm-information-model/>

2. <https://datatracker.ietf.org/doc/draft-ietf-sacm-information-model/>

IM merger update (2)

I-D IM Section	WG IM Section	WG Action
Abstract	Abstract	Replace text in WG IM with text from I-D IM?
1. Introduction	1. Introduction	Replace text in WG IM with text from I-D IM?
3. Information Elements	2. Conventions used in this document 3. Information Model Framework	Insert text from the I-D IM between the identified sections in the WG IM?
4. Structure of Information Elements	3. Information Model Framework 3.1 Attributes 3.2 Objects 3.3 Metadata	Replace text in the specified sections of the WG IM with text from the beginning of Section 4 in the I-D IM? Note: the IPFIX syntax sub-sections in the WG IM (3.1.1 and 3.2.1) will be preserved even though the text in their parent sections (3.1 and 3.2) will be replaced.

IM merger update (3)

I-D IM Section	WG IM Section	WG Action
4.3 SACM Statements	3. Information Model Framework	Is this needed? Requires more WG discussion.
4.4 SACM Content Elements	3. Information Model Framework	Is this needed? Requires more WG discussion.
4.5 Relationships	3.4 Relationships	Needed. However, more WG discussion is required.
4.6 Events	5.4.5 Events	Needed. However, more WG discussion is required.
5. Information Element Vocabulary	5. Information Model Elements	Which of the IEs listed in the I-D IM should be included in the WG IM? Note: Any IEs that are approved will need to be converted to the IPFIX syntax before they are merged.

Next steps

- Start mailing list threads for the WG actions listed in these slides
- Make updates to the WG IM based on WG discussion