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 session

• 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

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-00\(^1\) (I-D IM) into the WG IM\(^2\)
  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

## IM merger update (2)

<table>
<thead>
<tr>
<th>I-D IM Section</th>
<th>WG IM Section</th>
<th>WG Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abstract</td>
<td>Abstract</td>
<td>Replace text in WG IM with text from I-D IM?</td>
</tr>
<tr>
<td>1. Introduction</td>
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<td>Replace text in WG IM with text from I-D IM?</td>
</tr>
<tr>
<td>3. Information Elements</td>
<td>2. Conventions used in this document 3. Information Model Framework</td>
<td>Insert text from the I-D IM between the identified sections in the WG IM?</td>
</tr>
</tbody>
</table>
| 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)

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

• Start mailing list threads for the WG actions listed in these slides

• Make updates to the WG IM based on WG discussion