1. Introduction
   1. Changes in Revision 01
   2. Changes in Revision 02
2. Problem Statement
   1. Mapping to SACM Use Cases
   2. Referring to an Endpoint
   3. Dealing with Uncertainty
3. Conventions used in this document
   1. Requirements Language
4. Information Model Framework
   1. Explain at a conceptual level containers and how they can be composed of other containers or attributes
   2. Explain at a conceptual level attributes and how they are a triple (name, value, relationship)
   3. Explain metadata at a conceptual level which will be associated with containers and attributes. We should be providing enough information so users can determine provenance (e.g. source of origin, time of collection, etc.).
   4. Explain the concept of designation vs. non-designation
   5. Define relationship between endpoint, asset, and endpoint attributes at a high level.
5. Information Model Assets
   1. Provide diagram that shows major assets (endpoint, hardware component, software component, etc.)
   2. List and define each type of asset
      1. Endpoint (made up of hw components, sw components, asset identity, etc.)
      2. Hardware Component (motherboards, network cards, etc.)
      3. Software Component (software that can be installed including OS)
      4. Asset Identity (user, device, etc. – where certs, usernames, etc. come into place since they are not really hardware or software)
   3. Describe relationships between assets
6. Information Model Elements
   1. Define specific containers, attributes, metadata
   2. Maybe we want small diagrams showing relationships between each (may be too much work)
   3. See Lisa's Terminology notes https://mailarchive.ietf.org/arch/msg/sacm/kWxlnboHAXD87cned9WavwPZy5w
7. Elements of the SACM Information Model
   1. Identifying Attributes
      1. How Known
      2. Whether to Include
      3. IP Address
         1. Range of Values
         2. Meaning
         3. Relationships
         4. Multiplicity
         5. Stability
         6. Accuracy
         7. Data Model Requirements
      4. MAC Address
      5. Hardware Serial Number
         1. Range of Values
         2. Meaning
         3. Multiplicity
         4. Stability
         5. Accuracy
         6. Data Model Requirements
      6. Certificate
         1. Range of Values
         2. Meaning
         3. Multiplicity
         4. Stability
         5. Accuracy
         6. Data Model Requirements
      7. Public Key
      8. Username?
      9. Tool-Specific Identifier
      10. Identification of endpoints where SACM Components Reside
      11. Security Considerations
   2. Software Component
   3. Software Instance
   4. Hardware Component
   5. Hardware Instance
   6. Network Interface
   7. Address
   8. Identity
   9. Location
   10. Endpoint
   11. Endpoint Attribute Assertion
       1. Form and Precise Meaning
       2. Asserter
       3. Example
       4. A Use Case
       5. Event
       6. Difference between Attribute and Event
   12. Attribute-Value Pair
       1. Unique Endpoint Identifier
       2. Posture Attribute
   13. Evaluation Result
   14. Report
   15. SACM Component
       1. External Attribute Collector
       2. Evaluator
       3. Report Generator
   16. Organization?
   17. Guidance
       1. Internal Collection Guidance
       2. External Collection Guidance
       3. Evaluation Guidance
       4. Retention Guidance
       5. Reporting Guidance
   18. Provenance of Information
   19. Endpoint
   20. User
       1. User Identity
8. SACM Usage Scenario Example
   1. Graph Model for Detection of Posture Deviation
      1. Components
      2. Identifiers
      3. Metadata
      4. Relationships between Identifiers and Metadata
   2. Workflow
9. Acknowledgements
   1. Contributors
10. IANA Considerations
11. Security Considerations
12. References
    1. Normative References
    2. Informative References

**\*\*\*Ignored the Appendix for Now\*\*\***