Architecture Reboot?

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Document Aims

• Stand alone document
• Written for outsiders
• What pieces make up the system
  • Existing protocols
  • Work to be completed
  • Work to be ignored
• How do those pieces go together
Document Outline

- SACM Components
  - SACM Collectors
- SACM Protocols
- Information Model
- Data Models
SACM Collector Picture
Example Component

• Name: Aggregator

• Description: A role that looks at data in the SACM environment, combines together pieces of related data and publishes the new relationships back into the environment.

• Interactions:
  • Querying, Async Notification sync, Async Notification source, Publishing
Protocol Example

• Name: NEA
• Category: Collection
• Description: Generic server/client collection transport protocol which can be initiated either at either end.
• Authentication: TLS or TLS-EAP
• Authorization: Pre-configuration?
• Discovery: Pre-configuration? Query of Database from other registration?
Data Model Example

• Name: One Ring BER ASN.1

• Description: Mechanically generated ASN.1 module from the IM descriptions. To be encoded using BER rules. SACM statements are identified by a unique value hashed from the data. Purely hypothetical.

• Operations: Query

• Serializations: BER, XER
Questions

• Has anybody looked at the draft?
• Do people believe that this is an approach that should be followed?
• Given what is presented as the reasons for and architecture draft, what are we missing? Either at a gross level or a fine level.