SACM Terminology

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SACM & I2NSF collaboration

• I2NSF definitions imported from SACM:
  • Assertion, Authentication, Authorization

• I2NSF definitions based on SACM definitions:
  • Controller, Control Plane, I2NSF Capability

• SACM definitions based on I2NSF definitions:
  • Capability, SACM Component, SACM Interface, SACM Role
Capability Terms

• Architectural Capability Definitions
  • Capability
  • SACM Capability (is labeled “Capability” at the moment

• Data-Plane Capability Definitions
  • Endpoint Management Capability
  • Vulnerability Management Capability

• “Management” implies being more than Data Store.
• The name of a Capability should reflect on what it does.
  • Capabilities can be registered and discovered in a SACM domain!
  • IANA registration of a list of capabilities (or leverages existing ones) seems to be a viable option.
Component Terms

• Architectural Component Definitions
  • Component
  • SACM Component

• Data-Plane Component Definitions
  • Software Components
  • Hardware Components

• At the moment the Component definition from I2NSF is only a parent definition for SACM Components (architectural components)
SACM Tasks

• Already defined:
  • Collection Task, TE Characterization Task, TE Classification Task, TE Discovery Task

• Still to be defined or fleshed out:
  • Evaluation, SACM Component Authentication, SACM Component Authorization, SACM Component Registration

• Definition of Output -> Definition of discoverable capabilities