SACM Architecture

Next Actions and Open Questions

July 25, 2019 – IETF 105

Adam Montville

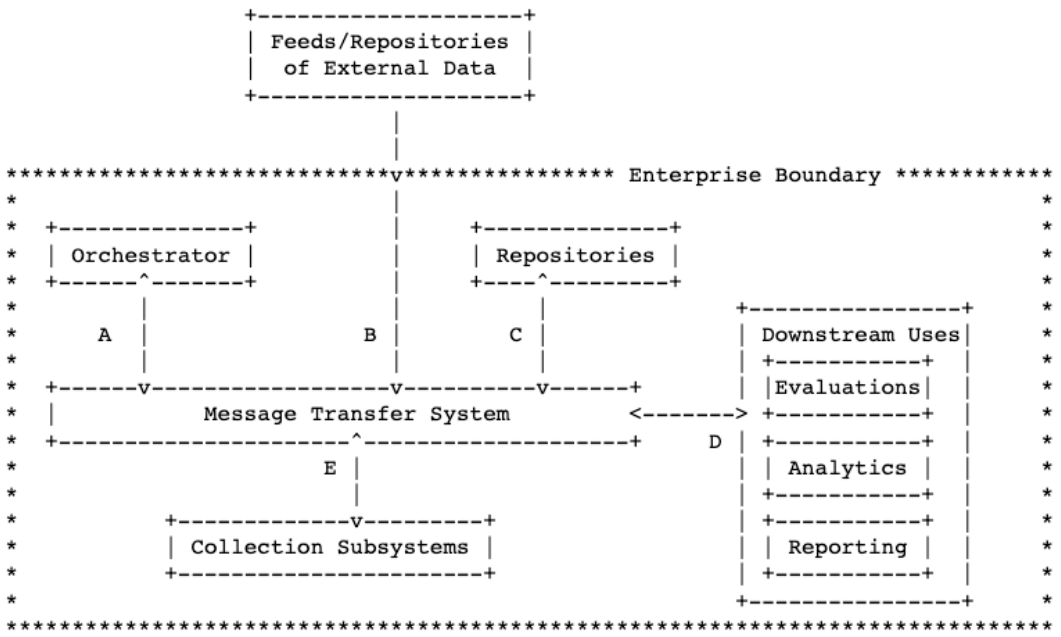
Pending Changes: Simple Draft Reorganization

- Remove XMPP-based solution from the draft entirely – separate draft
- Combine current Section 3.1 with current Section 4 (becomes new Section 3)
- Narrow focus to single workflow – configuration assessment
- Clarifications (covered on subsequent slides)

Table of Contents

Clarification: Enterprise Boundary

- Intent was not to imply on-prem
- Inclusive of off-prem
  - Cloud-based services/accounts

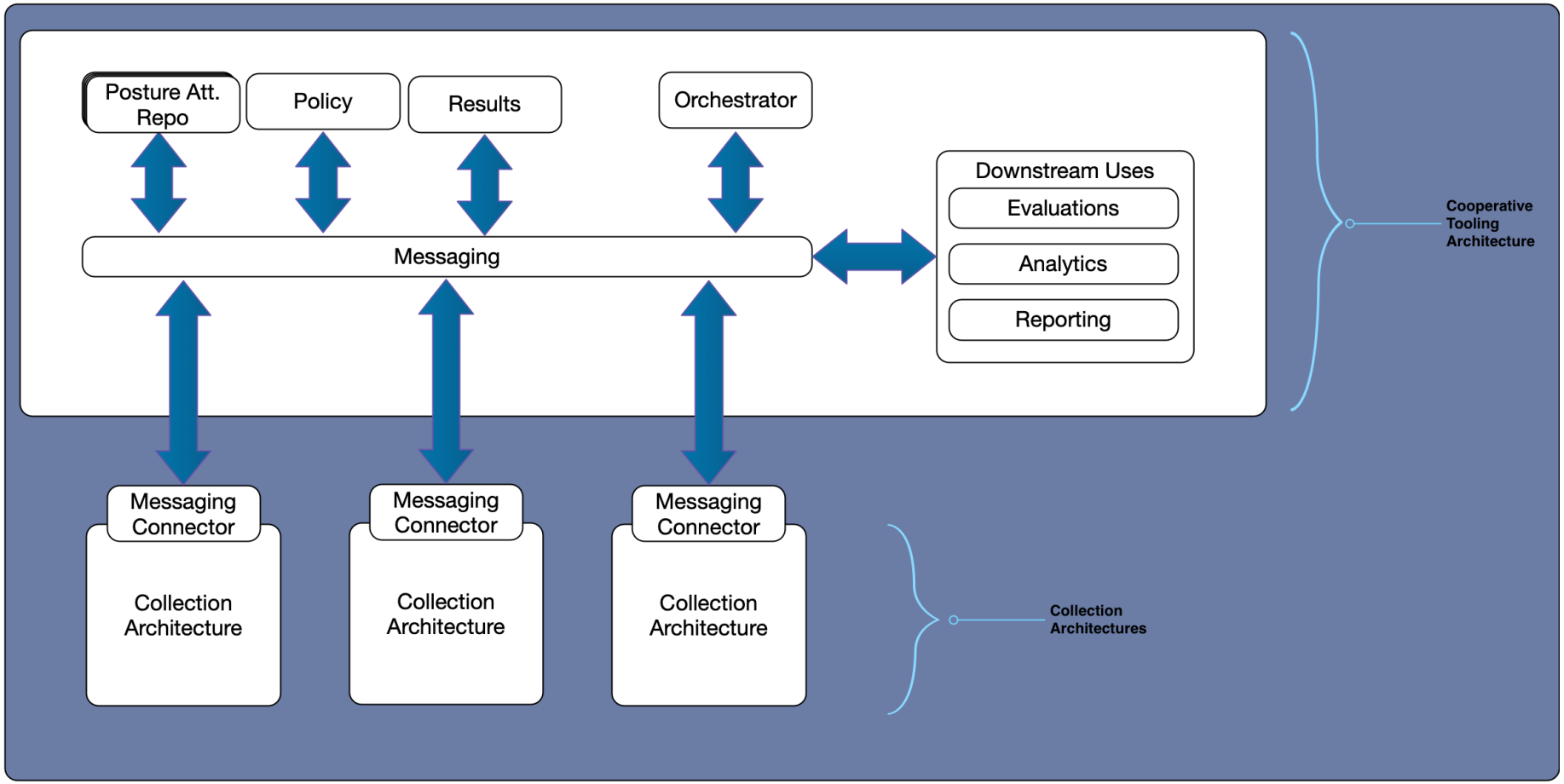


Clarification: Capability vs. Interface vs. Operations

- **Capability:** Component *X* can assess configurations for target system classes *A*, *B*, and *C* using dialect *L* of data model *M*
  - Product Foo can assess configuration for Windows, MacOS, and AWS using OVAL 5.11.2
- **Interface:** Component *X* implements the SACM-standard operations to carry out a capability
  - Configuration assessment of Windows 10 using OVAL 5.11.2
- **Operation:** Component *X* can *collect* data from target system *Y*
  - Gather system characteristics from Windows 10

Interaction??

Clarification: Sub-architectures



Clarification: Components

- Initially focus on configuration management
- Propose components
- Provide descriptive details for each proposed component
  - Capabilities
  - Interfaces
  - Required/supported operations

Answers to Open Questions

- Should workflows be documented in this draft or in separate drafts?
  - Start in the draft, and create a new draft only when necessary
- Should interfaces be documented in this draft or in separate drafts?
  - Start in the draft, and create a new draft only when necessary