

SACM Architecture Redux

IETF 101

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An assertion...

...SACM ideally intends to enable a cooperative ecosystem of tools from disparate sources with minimal operator configuration.

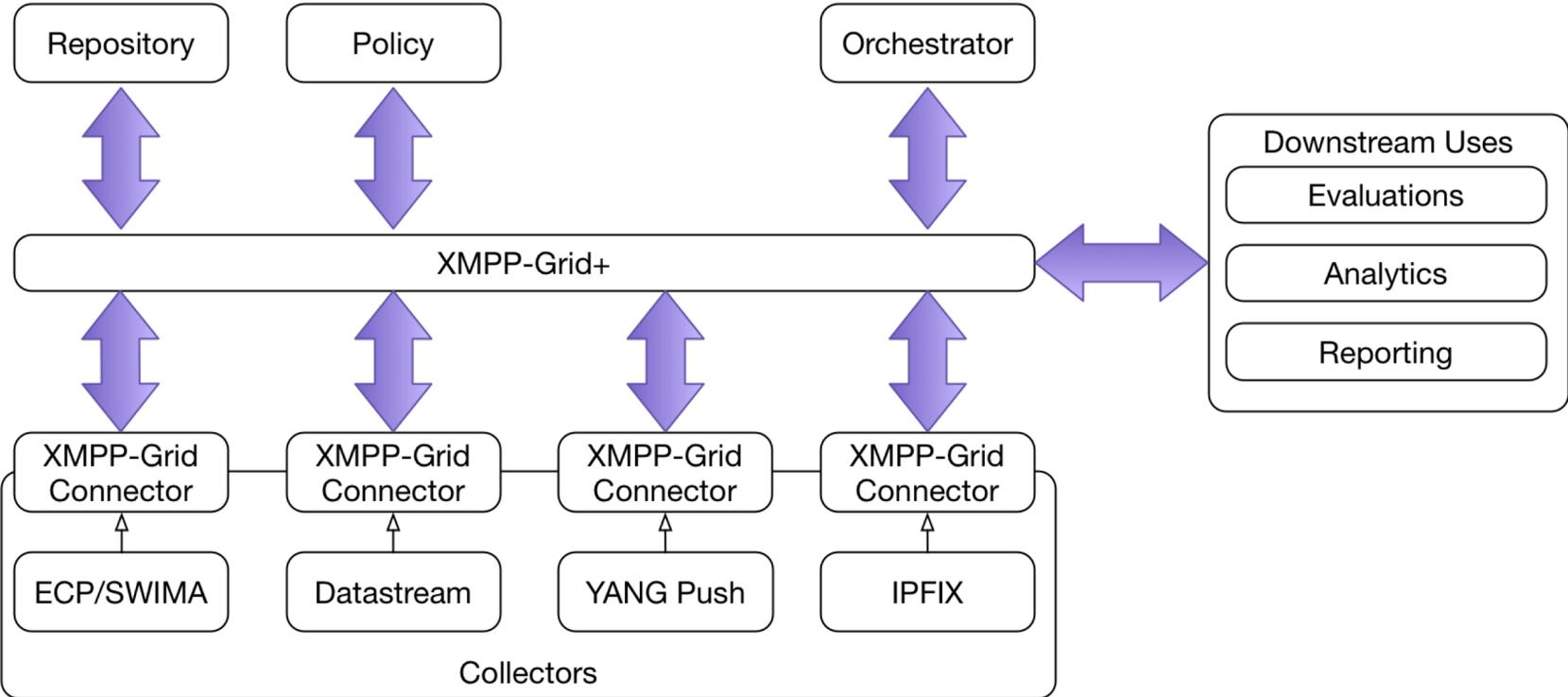
Another assertion...

...[our architectural solution] approaches [are] sometimes thought to be at odds with each other - specifically ECP and XMPP-grid.

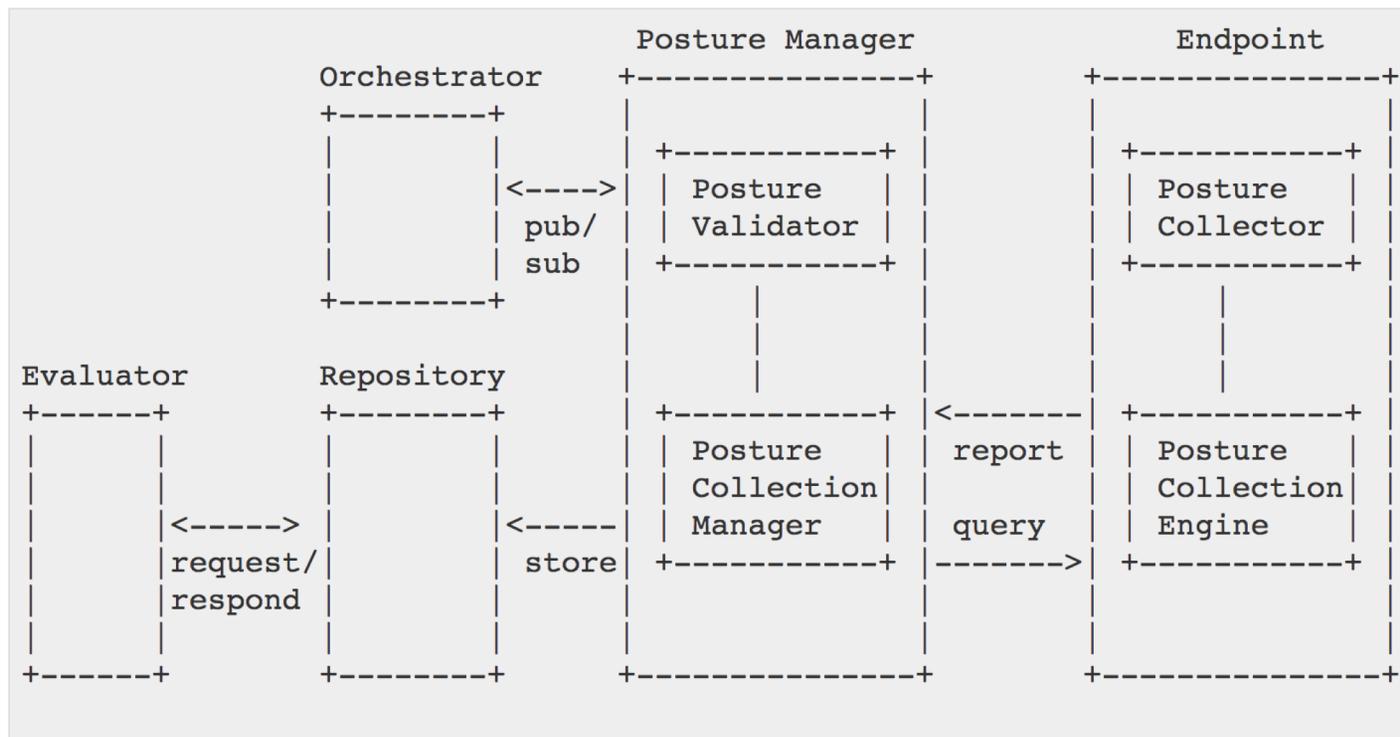
What if...

...both are relevant to us?

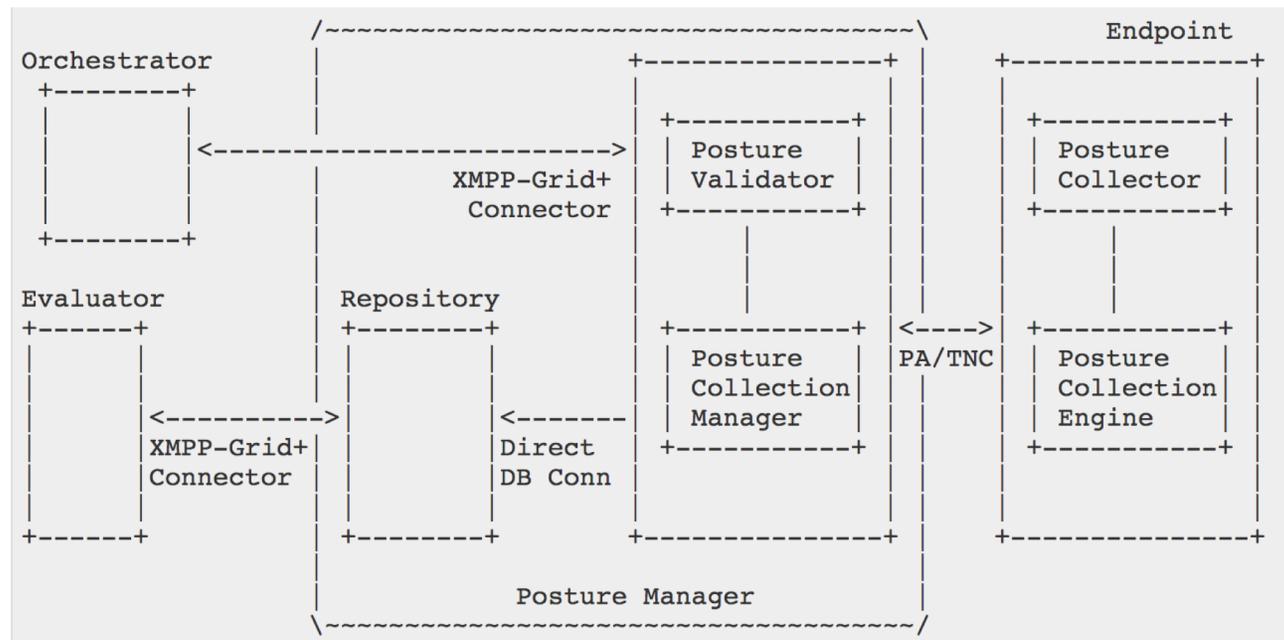
The Gist



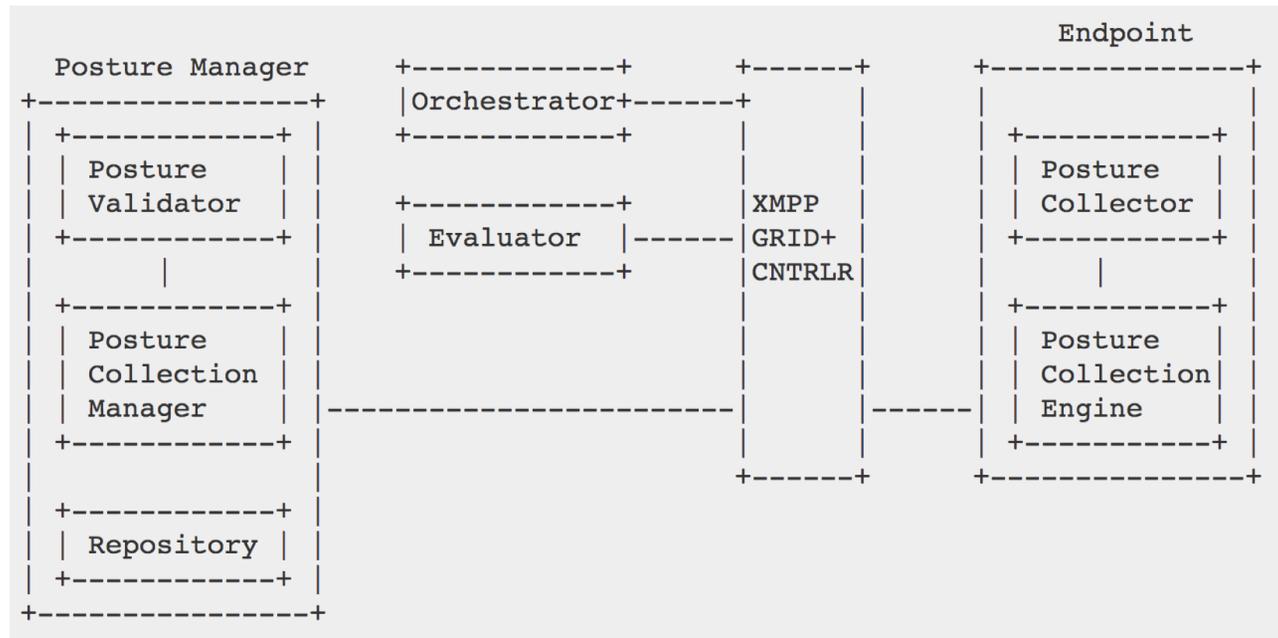
ECP 1



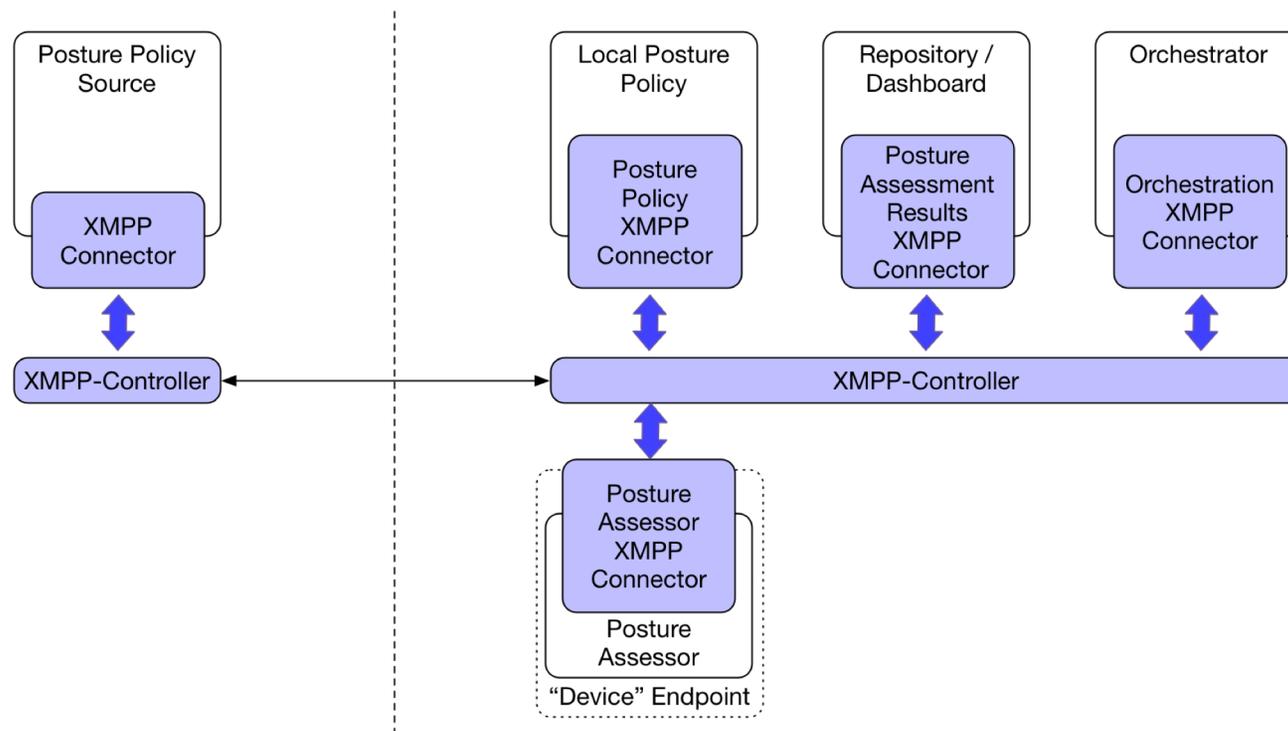
ECP 2



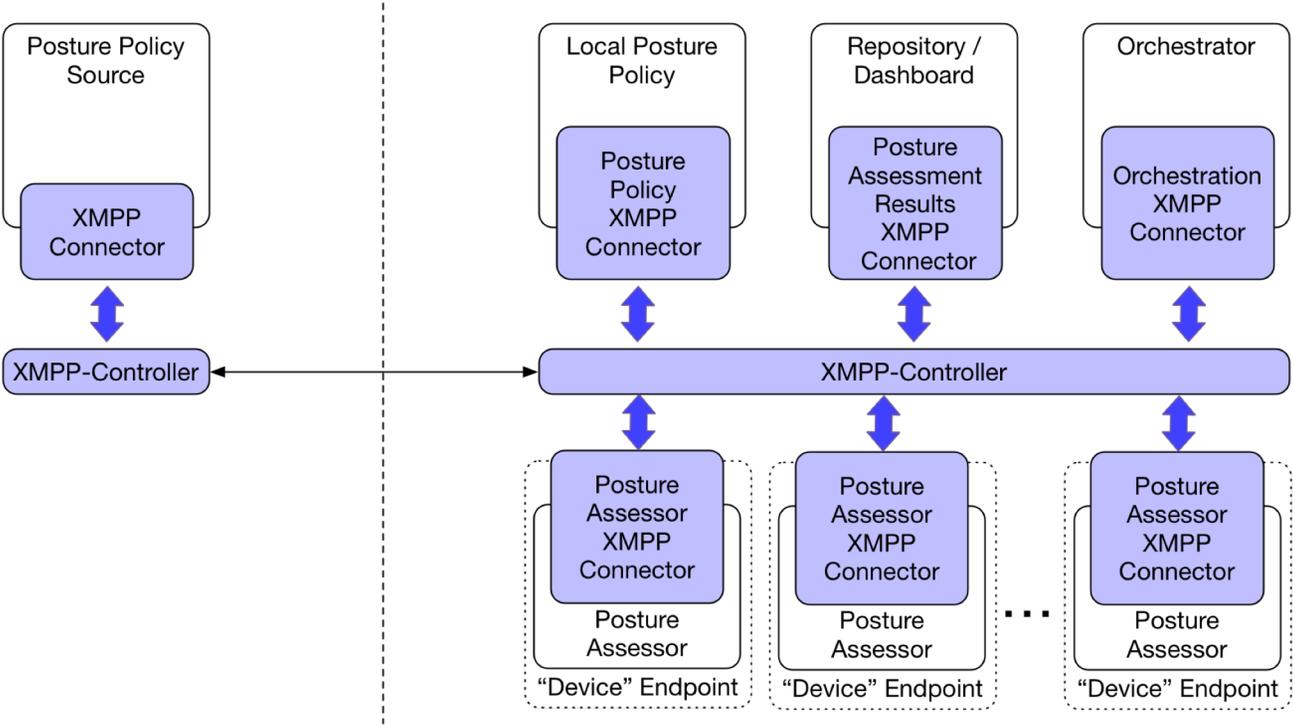
ECP 3



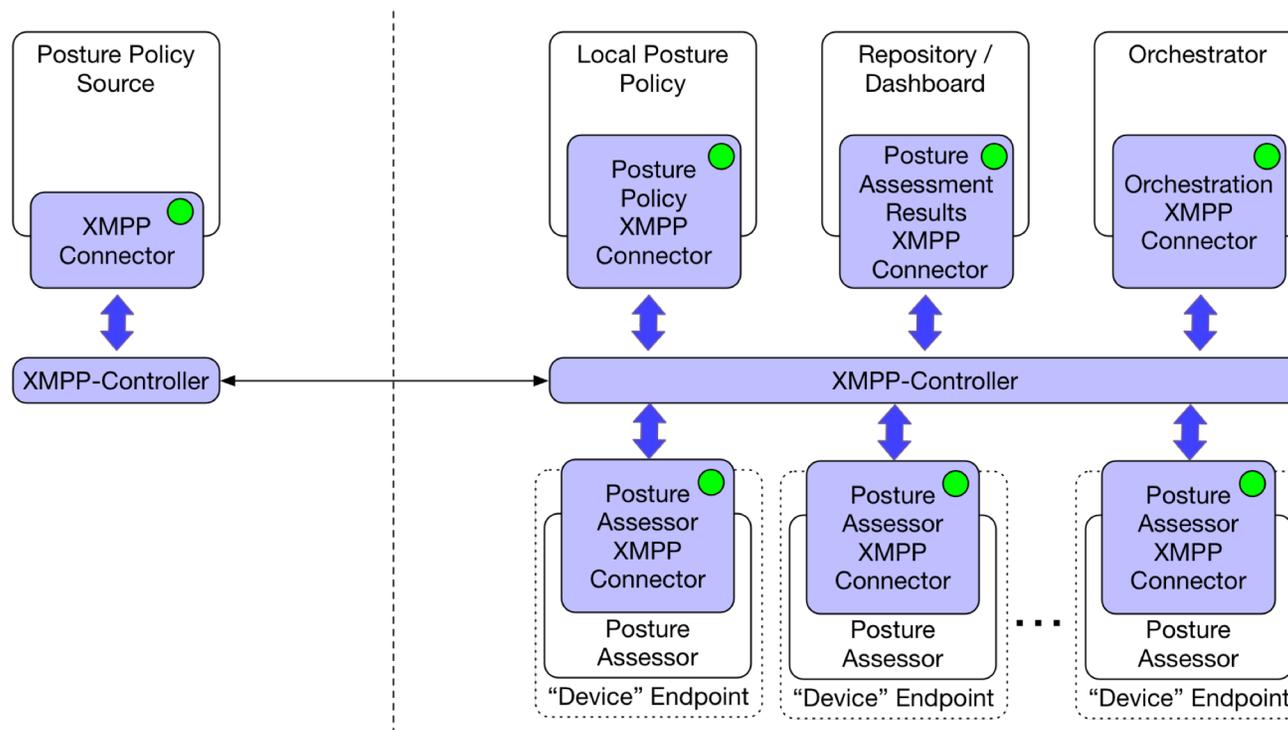
Next...



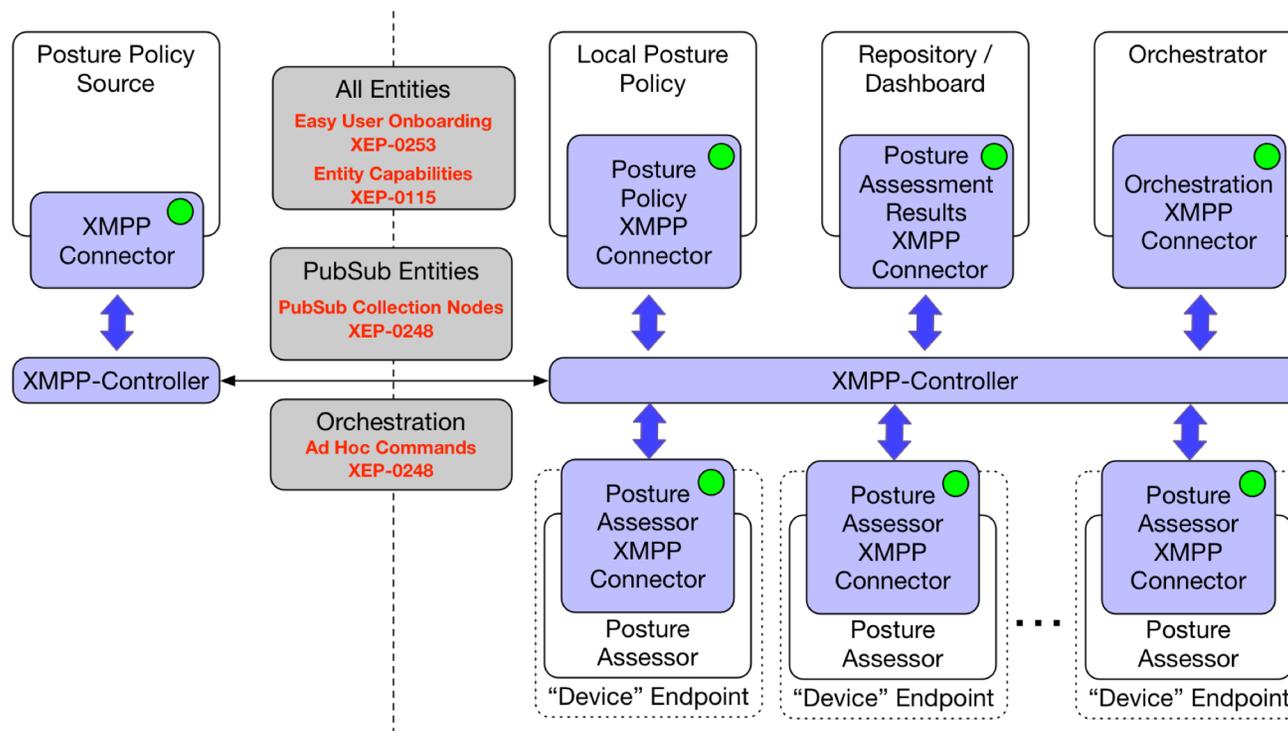
Agents as XMPP Clients



XMPP Presence Opens Doors



Potential XMPP Extensions



Possible SACM Components

Repository

- Vulnerability Information
- Software Inventory
- Configuration Policy
- Configuration State

Collector

- Software Inventory Collector
- Vulnerability State Collector
- Configuration State Collector

Evaluator

- Software Inventory
- Vulnerability State
- Configuration State

Orchestrator

- Vulnerability Management
- Configuration Management
- Asset Management

Going Forward...

Welcome contributions.

Continue exploration and hackathons.

Pick one or two capabilities and associated components for focus.

AND

Consider contributions to XMPP-Grid in MILE

Or...Create XMPP-Grid+ here in SACM

Or...Do something else for message transfer