

Endpoint Compliance Profile

IETF 101

03/22/2018

Agenda

- Status
- Discussion
- Next steps

Status

- Asked for feedback on ECP draft
 - Received feedback to up-level draft after IETF 100¹
 - Received feedback on proposed diagrams during the 9/26 VIM² and on list³
- Published draft-ietf-sacm-ecp-01 on January 30, 2018⁴
 - Up-leveled draft so it wasn't just focused on the collection of software inventory data
 - Added more benefits for using ECP
 - Updated architecture diagram, added component descriptions and ECP transactions
 - Included sections for different implementations of ECP (NEA, SWIMA, NETMOD)
 - Added a section outlining future work
- Haven't received feedback on the latest draft, but, would like some :)

1. <https://www.ietf.org/mail-archive/web/sacm/current/msg05006.html>

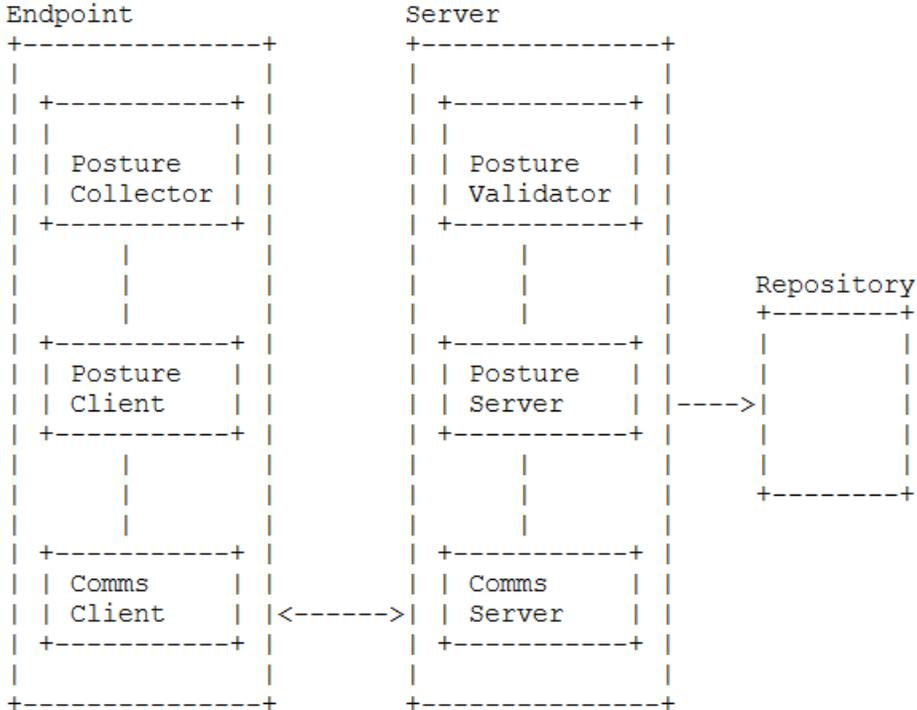
2. <https://datatracker.ietf.org/meeting/interim-2017-sacm-03/materials/minutes-interim-2017-sacm-03-201709260900.pdf>

3. <https://www.ietf.org/mail-archive/web/sacm/current/msg05324.html>

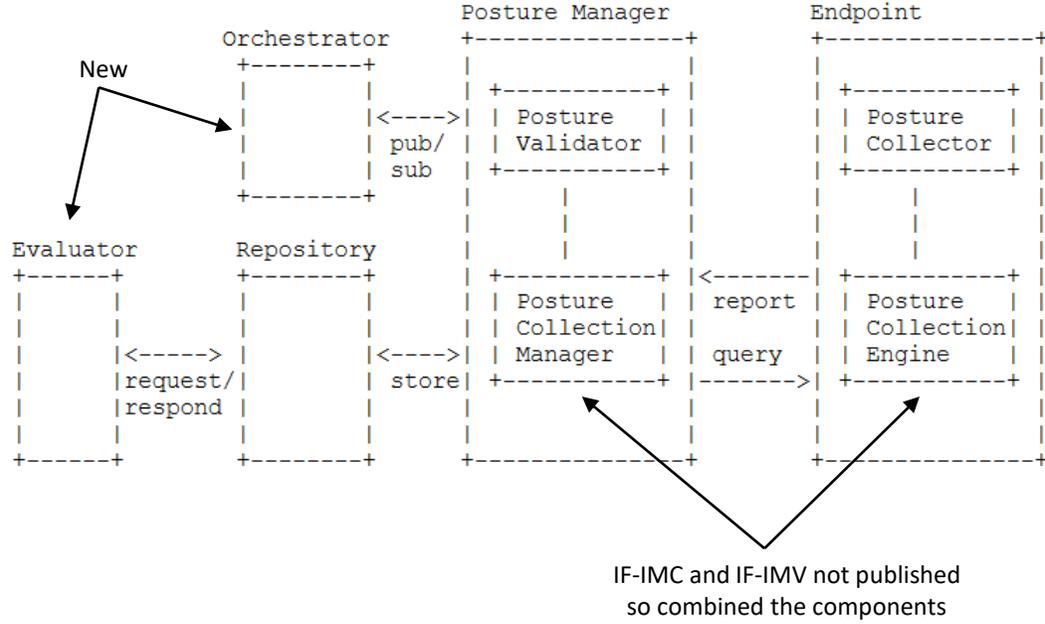
4. <https://datatracker.ietf.org/doc/draft-ietf-sacm-ecp/>

ECP Diagram

Before



After



New Component - Evaluator

- Assesses the posture status of a target endpoint by comparing collected posture information against the desired state of the target endpoint
- Queries and retrieves the appropriate guidance and posture information from the repository
- Requests the collection of posture information if not available in the repository
- Stores assessment results in the repository for historical purposes

New Component - Orchestrator

- Provides a publish and subscribe interface for components to infrastructure components to receive posture assessment results
- ECP does not currently define this component nor an interface by which other components can subscribe and receive published updates

Integrate NETMOD YANG Push Architecture

- Currently, this section is to be written
- Would like to demonstrate how YANG Push¹ can be integrated into ECP to support network infrastructure devices
- Anyone interested in taking the lead on this work?

1. <https://datatracker.ietf.org/doc/draft-ietf-netconf-yang-push/>

Next Steps

- Integrate WG feedback into the draft
- Prepare TCG IF-IMC¹ and TCG IF-IMV² for publication in the IETF

1. https://trustedcomputinggroup.org/wp-content/uploads/TNC_IFIMC_v1_3_r18.pdf

2. https://trustedcomputinggroup.org/wp-content/uploads/TNC_IFIMV_v1_4_r11.pdf