Asset Lifecycle Management and Operations

draft-palmero-opsawg-ps-almo-00
draft-palmero-opsawg-ps-dmlmo-10

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Restructuring the LMO Proposal

- Better identify goals
- Decouple LMO concepts and specific models
- Facilitate adoption
  - Concepts
  - Models as they evolve
- Enable collaboration
  - Other WGs: IVY...
  - Research groups: NMRG...
  - Even beyond the IETF
What’s New in Latest and Last DMLMO Draft

• Work in progress
• Set the ground for the document restructuring
  • draft-palmero-opsawg-ps-almo-00 explicitly referenced
• Clarify use cases
  • Focus on dynamic issues, from DevOps to supply chain verifications
• Focus on asset management (the ALMO approach)
  • Assets
  • Features
  • Entitlements
  • Usages
  • Event reports
The ALMO Problem Statement

- Describes the framework, motivation and requirements for the lifecycle management of an asset to improve operational practice
  - Initial asset selection and positioning
  - Management of entitlements and feature enablement
  - Usage and reports
  - Asset renewal
- ALMO data measure asset-centric lifecycle metrics including
  - Asset adoption and usability
  - Use entitlements and metrics
  - Supported and enabled features and capabilities
  - Reported events and/or issues
  - . . .
  - (Not limited to the above...)
ALMO Information Model

Note:
Under future expansion/association, it will consider Event Report (replacing Incident Management), Customer and Organization YANG Data Models from DMLMO v10
ALMO and IVY

• Avoid duplication and inconsistencies
  • Inventory: what you have
  • Lifecycle: how you use it

• Common ground on essential concepts and models
  • At least, align terminology
  • Assets
  • Entitlements
  • …

• Identify synergies
  • The ALMO authors will rely on IVY inventory models
  • And we expect to be active reviewers and contributors to the WG evolution