Asset Lifecycle Management and Operations (ALMO)

draft-palmero-ivy-ps-almo-00
draft-palmero-ivy-dmalmo-00

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Going beyond the Restructuring of the LMO Proposal

- Introduced at IETF#118, Prague
  - No update since then
  - Intentionally
- Actively contributing in completing the base models
  - HW and SW drafts

Our main goal: Consensus on asset, feature & entitlement definitions
- Open issue #38 in Github
Current Proposal for a Definition (Issue #38)

• Asset: In the TMF context, an asset is a valuable resource owned or controlled by an organization. This can include physical assets like hardware, logical assets like software, or informational assets like data.

• Entitlement: In the TMF context, an entitlement usually refers to the rights or privileges that a specific user or customer has within a system or service or even to access a certain feature. These rights or privileges are typically based on the user's subscription or contract terms.

• Feature: In the TMF context, a feature refers to a specific functionality or capability that a product, service, or system offers. When a customer subscribes to a service, they are given certain entitlements to use specific features.

Making ALMO & DMALMO Progress within IVY

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

• Common ground on essential concepts and models
  • Align terminology
  • Assets brings together the core models defined by IVY WG: software and hardware entities, including component of combination of any.
  • Entitlements
  • …

• Make the drafts evolve on these foundations

• Identify and leverage synergies
  • Relying on IVY inventory models
  • Continuing being active reviewers and contributors to the WG evolution
Questions to the WG & What’s Next

• ALMO – Seeking for adoption once terminology is settled
  • Current v00, actually is v11

• DMALMO - Collaboration to identify meaningful use cases to test and improve YANG models
  • The DLMO models currently cover a good number of cases regarding entitlements
  • Should we follow this approach or just cover more simple cases?