

Asset Lifecycle Management and Operations

draft-palmero-opsawg-ps-almo-00

draft-palmero-opsawg-ps-dmlmo-10

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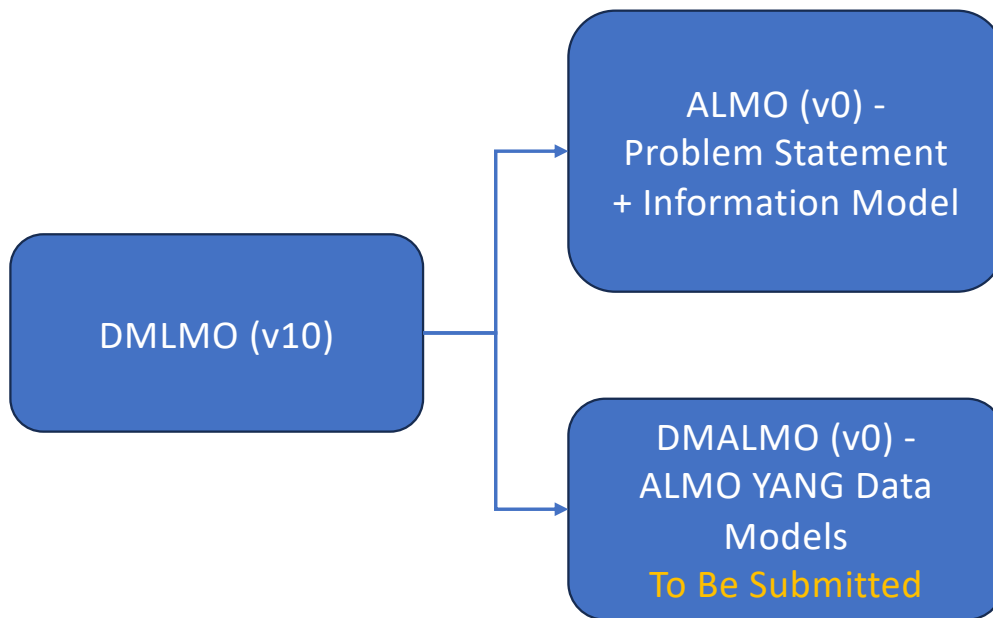
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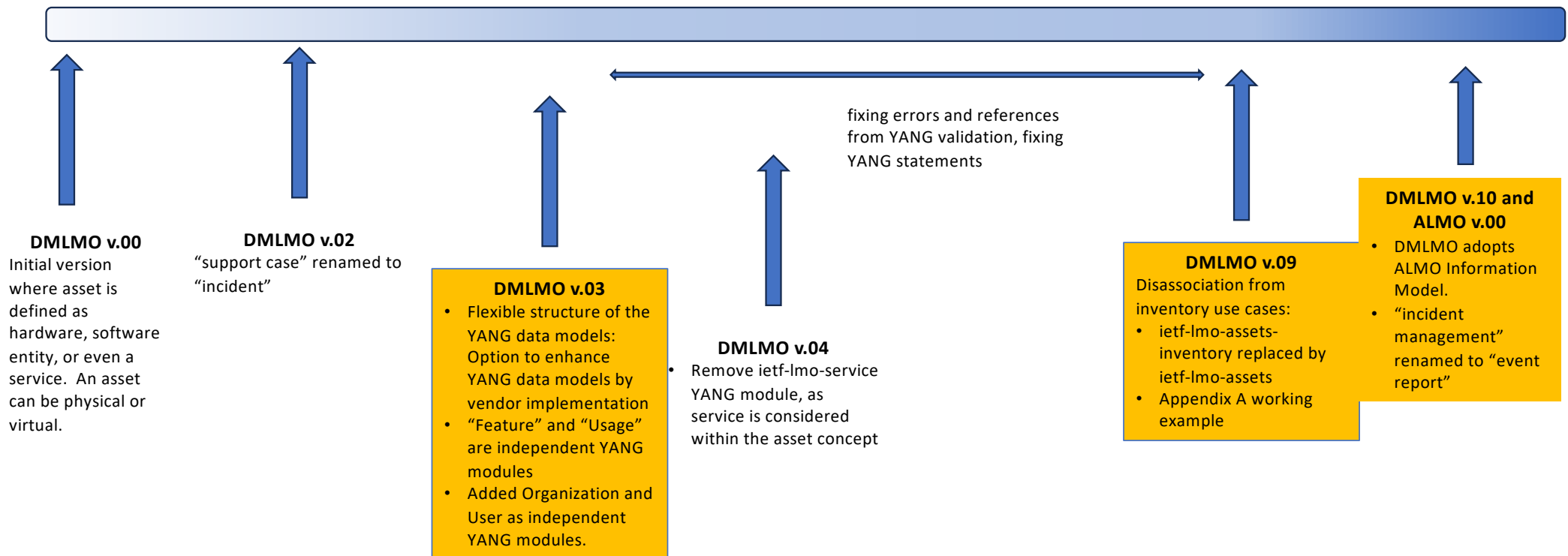
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Restructuring the LMO Proposal



- 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

DMLMO (v10)



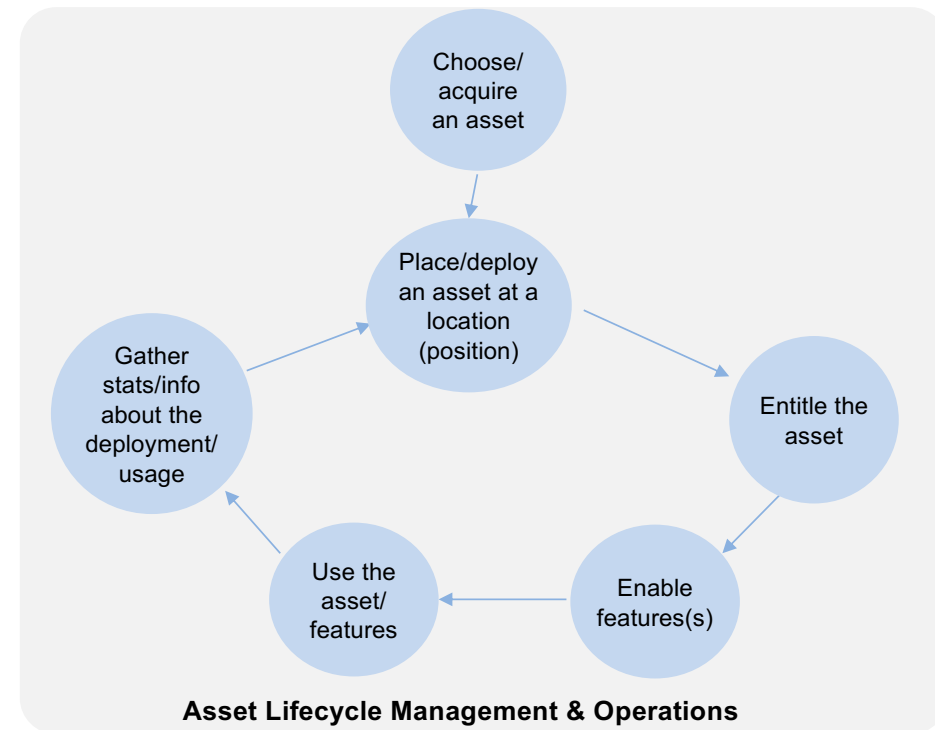
What's New in Latest and Last DMLMO Draft

- 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

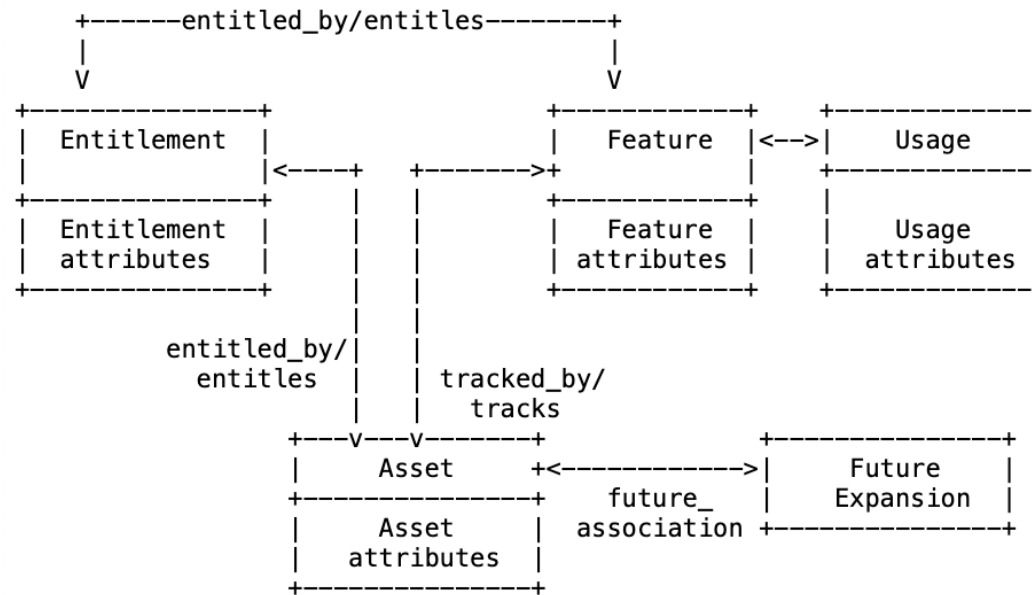
The ALMO Problem Statement

- 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
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(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

What Comes Next

- Conclude the transition to the ALMO structure
 - Full split of problem statement and core models
 - Seeking for adoption
- Common ground on essential concepts and models with IVY WG
 - At least, regarding assets and entitlements
 - Align terminology and identify synergies
- Explore further collaboration on asset operational issues
 - Security: audit trails, supply chains...
 - Generalized assets: control functions, (telemetry) datasets...
 - Advanced management: autonomics, IBN, cloud-network continuum...