Data Model for Lifecycle Management and Operations

draft-palmero-opsawg-dmlmo-09

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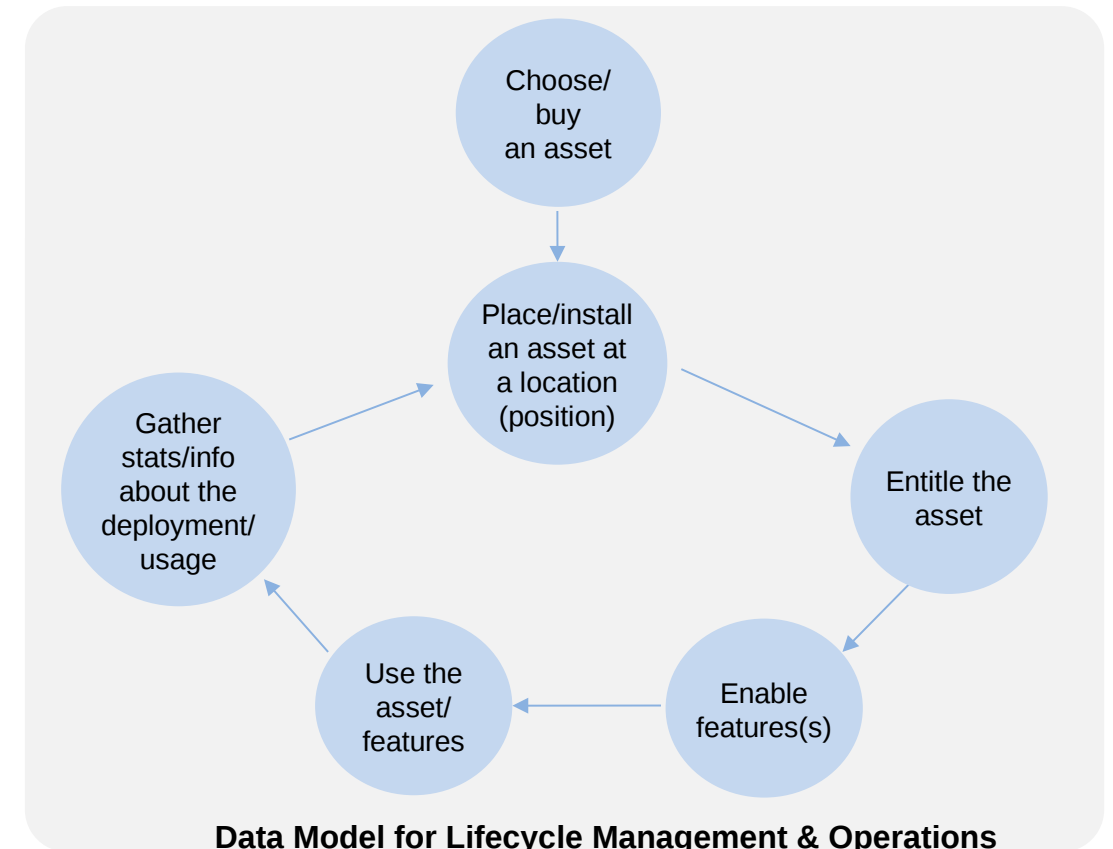Diego Lopez (diego.r.lopez@telefonica.com)

https://datatracker.ietf.org/doc/draft-palmero-opsawg-dmlmo/

Data Model for Lifecycle Management and Operations
Overview

Facilitate the asset lifecycle management from the initial asset selection and positioning, licensing, feature enablement and usage, and beyond renewal to improve the overall user experience

Lifecycle Management and Operations (LMO) data constitutes data needed to measure asset-centric lifecycle metrics including but not limited to:

- asset adoption and usability,
- use entitlements and metrics,
- supported and enabled features and capabilities,
- reported issues.

Call for adoption is OPEN!!

Choose/ buy an asset

Place/install an asset at a location (position)

Entitle the asset

Enable features(s)

Use the asset/ features

Gather stats/info about the deployment/ usage

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Changes from previous versions

Incorporate feedback from IETF 115 side meetings, and main refinements to remove inventory:

- rename "license" to "entitlement".
- renamed ietf-lmo-assets-inventory to ietf-lmo-assets.
- ietf-lmo-assets support the integration and extension to be harmonized with the different inventory approaches on how to address inventory use cases.
  - Process is explained in the Appendix A: ietf-lmo-example-mapping-XXX YANG modules accommodates the ietf-lmo-assets YANG module to any other inventory which will be required in the future to be referenced.

Enhancements to be done

- Examples to be added to visualize how it achieves some of the outlined use cases

- Review assets module to make sure that we don't address pure inventory use cases

- Correct definition of entitlement in the document. We are trying to not confuse this with the open-source type of licenses.

- Clarify on "incident management" LMO class

- We also understand that there is work to do on refining YANG structure types, and this exercise for sure needs to start soon, once agreement on the high level models is adopted.

For Consideration by OPSAWG

- The appropriateness of the *entitlement* term
- Main modules to be considered
  - asset
  - entitlement
  - feature
  - usage
- Leave the other modules outside of the document
  - Further extension of the LMO model