

ONAP modeling subcommittee

Move forward with 2 VNFD DM options

Last TSC meeting: Comparison between 2 options (20170705 TSC request)

- Impact on functional requirement/non functional requirements
- Impact on related projects
- Impact on Integrations/existing use cases

Modeling subcommittee discussed (20170712 report to TSC)

- Because option 1 is not yet full specified, it needs more time to design
- Option 1 will provide stable data model (based on vCPE) by M2 model freeze and having this new DM in R3
- Option 2 : R2 resource DM as the baseline ([ONAP R2+ Design-Time Resource DM clean version](#)) by M2 model freeze.
- By M2, modeling subcommittee will compare 2 options and bring them back to TSC
- Option 1 and 2 will work together to try to converge simultaneously.
- We will not make comparison before this time.

The community agree:, R3 DM will still be (20170717 consensus decision by modeling subcommunity)

- [ONAP R2+ Design-Time Resource DM clean version](#) enhancement for VoLTE, CCVPN, vCPE stretch goal
- ONAP SDC TOSCA AID enhancement for vCPE
- Collaborative work internal data model align with R3 IM for R4+ ASAP (start during Casablanca)
(backward compatible with onboarding model)

New R3 Requirement Modeling time plan

Option 1: By M2 July 26 Model Freeze (IM+DM onboarding/internal) No Postpone

- By July 10th, form an interest thread (at least 3 organizations and an owner) for each requirement
- By July 17th, finalize requirement description and IM proposal
- By July 20th, TSC approval for high level requirements
- By July 25th, finalize DM proposal
- By July 28th, TSC approval for IM/DM proposal

Option 2: Aug 10 (if we postpone to 2 weeks for model freeze) (IM+DM onboarding/internal)

- By July 17th, form an interest thread (at least 3 organizations and an owner) for each requirement
- By July 24th, finalize requirement description and IM proposal
- By July 27th, TSC approval for high level requirements
- By Aug 7th, finalize DM proposal
- By Aug 10th, TSC approval for IM/DM proposal

R3 High level Requirements (may not request for approval, because most of them were not agreed yet by PTLs/SDC)

High level requirements

- Service (Service Catalogue, Service descriptor)
- Resource (Resource composite, PNF, PNF instance, VNFD, allotted resource, Scaling, WAN connection, Network Service, VPN connections, Element Group Enhancement)
- Infrastructure (Multicloud [Openstack, Azure])

Documentation after implemented, or implemented but not in the release

- Service (Service Order)
- Resource (License)
- Telemetry (Events/VES)

Lower priority

- Service (Servicecomposite, Service Scaling, Service instance)
- Resource (Resourcecomposite[composite pattern], VNF instance)

Experimental

- Container (experimental)
- Acceleration (experimental)

Need TSC approve

- Limited number of High level requirement may not need approval.
- Postpone model freeze time (M2) or not?