O1-Interface Data Models

Status: 2020-04-29

The O-RAN-SC OAM project team works together with ONAP, O-RAN-Alliance and 3GPP in order to get standardized data models.

As a summary of the effort, this page list the links to git repository and specifications used for "Operation and Maintenance".

O-RAN Specification

If you want to download the O-RAN specifications, please go to the O-RAN Alliance. Note that the Adopter License is required to be signed.

- **O-RAN Operations and Maintenance Architecture Version 2.0 - December 2019** -
  Note: Version 3.0 exists and is in an approval process by O-RAN Alliance - such version is only available to O-RAN Members. This page will be updated once the version is public available.
- **O-RAN Operations and Maintenance Interface Version 02.00 - December 2019** -
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- **O-RAN Fronthaul Control, User and Synchronization Plane Version 2.0 - July 2019**
  O-RAN Fronthaul Management Plane Version 2.0 - July 2019
  O-RAN Fronthaul Yang Models Version 2.0 - July 2019 -

3GPP Specifications

The O-RAN Alliance WorkingGroup 1 OAM and data modeling teams target to extend 3GPP specification, therefore there are dependencies to 3GPP specification.

- **TS 28.544:** Management and orchestration; Self-Organizing Networks (SON) for 5G networks; Network Resource Model (NRM) - (link - html)
- **YANG data models** (link - git)

ONAP VES Message format

- . VES Message format: **CommonEventFormat_30.0.1.json** - (link - json-schema in gerrit)

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