Operations and Maintenance

Scope


The O-RAN-OAM-interface specification defines

- a NetConf-Server for Configuration Management (CM) and
- a http-client for Fault Management (FM), Performance Management (PM) and other events

on each Management-Service-Provider (MnS-Provider) running on the ManagedElement (ME).

The O-RAN-SC-OAM project provides reference implementation according to the O-RAN OAM (WG1) documents. In addition we provide a common MnS-Consumer for development and module test purposes. The assumption is that the projects for the ManagedElements can concentrate on the more important user-plane.

Of course each project needs its own OAM repo to address the specific needs of the ManagedElement.

OAM Architecture

Messenger

You can find us on Slack: https://onapproject.slack.com/archives/C01K8CNUJA2

Development

Jira: https://jira.o-ran-sc.org/projects/OAM/summary

Gerrit: https://gerrit.o-ran-sc.org/r/q/oam

Jenkins: https://jenkins.o-ran-sc.org/view/oam/

Nexus: https://nexus.o-ran-sc.org/#nexus-search;quick~oam

Sonar:

- OAM: o1-controller apps,
- OAM: o1-controller frame,
- OAM: ves-collector,
- OAM: message-router,
- Modelling,
- RIC Dashboard,
- O1-TR069-Adapter

Insights: Dashboard

CII:

Recent space activity

- Rani Borusu
  - D-Release Integration - Test Environment commented Sep 27, 2022

- Martin Skorupski
  - G-Release updated Sep 09, 2022 • view change
  - F-Release notes created Jul 20, 2022
  - Operations and Maintenance updated Jun 01, 2022 • view change

- Operations and Maintenance commented May 29, 2022

Space contributors

- Martin Skorupski (30 days ago)
- Michael Dürre (251 days ago)
- (400 days ago)
- Tracy Van Braakle (460 days ago)
- Dibas Das (516 days ago)
- ...
**Scope**


The O-RAN-OAM-interface specification defines:

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- a http-client for Fault Management (FM), Performance Management (PM) and other events

on each Management-Service-Provider (MnS-Provider) running on the ManagedElement (ME).

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Of course each project needs its own OAM repo to address the specific needs of the ManagedElement.

**OAM Architecture**

**Messenger**

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**Development**

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Gerrit: https://gerrit.o-ran-sc.org/r/q/oam

Jenkins: https://jenkins.o-ran-sc.org/view/oam/

Nexus: https://nexus.o-ran-sc.org/#nexus-search;quick~oam

Sonar: OAM, Modelling, RIC

Dashboard, O1-TR069-Adapter

**CII**

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We use main@lists.o-ran-sc.org with hashtag "oam" in the subject of emails.

Please make sure that you add somewhere in the subject of your email *"oam"*. Example subject: "*oam* Please help!"

More examples: https://lists.o-ran-sc.org/g/main/search?q=%23oam&ct=1

O-RAN-SC members who are not interested in OAM email conversations can mute the hashtag "#oam": https://lists.o-ran-sc.org/g/main/hashtags