

Operations and Maintenance

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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 \(new\)](#); [Dashboard \(old\)](#)

CII: [blocked URL](#)

Recent space activity



[Vishal Varvate](#)
[J-Release](#) commented Apr 26, 2024

[Martin Skorupski](#)
[O-RAN YANG](#) published in [2023-10](#) updated Feb 08, 2024 [view change](#)
[Planned Network](#) updated Feb 06, 2024 [view change](#)
[J-Release](#) updated Jan 25, 2024 [view change](#)
[I-Release](#) updated Dec 06, 2023 [view change](#)

Scope

According to the O-RAN-SC-OAM-Architecture document, all ManagedElements (near-real-time-RIC, O-CU-CP, O-CU-UP, O-DU and O-RU) implement the O1-interface.

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://onaproject.slack.com/archives/C01K8CNUJA2>

Mailing list and #oam

We use discuss@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"**.

Space contributors

- [Martin Skorupski](#) (97 days ago)
- (258 days ago)
- [John Keeney](#) (288 days ago)
- [Michael Dürre](#) (835 days ago)
- (983 days ago)
- ...

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Development

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Sonar: [OAM](#), [Modelling](#), [RIC Dashboard](#), [O1-TR069-Adapter](#)

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Scope

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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).

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://onaproject.slack.com/archives/C01K8CNUJA2>

Mailing list and #oam

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>

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