

Alarm Propagation



Reference Implementation Based on near-RT RIC

This section documents the details of the O-RAN App SDK which is primarily covering the implementation for near-RT RIC xApps. information about how the O-RAN App SDK will evolve to cover other O-RAN apps can be found [here](#).

Northbound Alarm Propagation Flows

1. xApp captures alarms, the Alarm library sends alarms as JSON through RMR messaging
2. RMR delivers the alarm messages to the Near-RT RIC platform alarm adapter
3. The alarm adapter propagate the Prometheus AlertManager
4. The Prometheus AlertManager routes the alarm messages to the ves-agent in the Near-RT RIC platform

