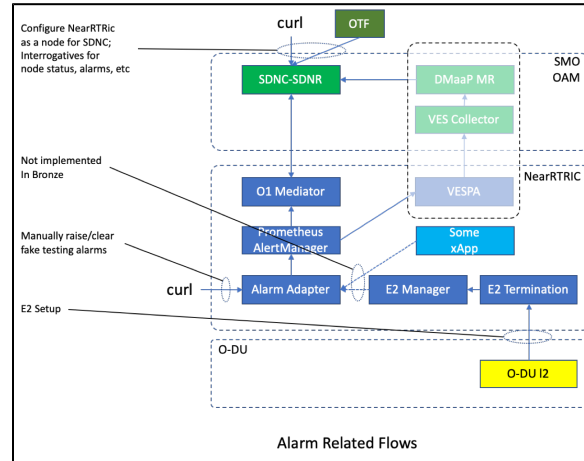
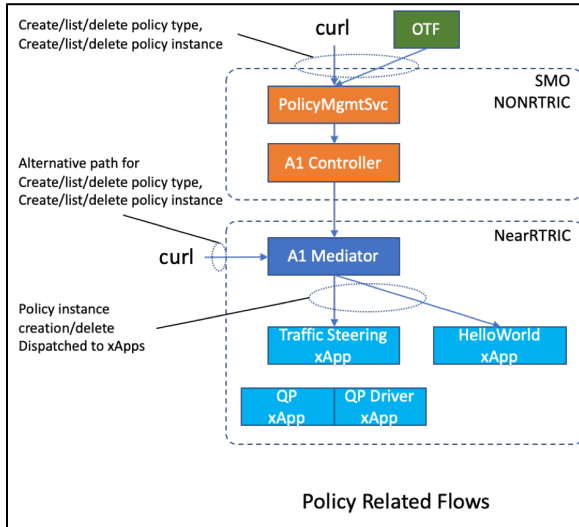


Running A1 and O1 Use Case Flows



Prerequisites

RIC and SMO Installation completed.

A1 Flow

The SMO A1 (policy) flow is almost identical to what we have shown in the xApp (Traffic Steering) flow, with the difference that the policy operations (i.e. policy type creation, policy instance creation) are being performed from the SMO instead of directly calling A1 mediator API.

To be added.

In SMO cluster, the Near RT RIC's coordinates (IP, port, etc) is specified in the recipe for the NonRTRIC. To check whether SMO has successfully established communication with Near RT RIC,

Run the following on the SMO cluster:

```
$ curl http://$(hostname):30093/rics
```

To create a new policy instance under policy type 20008 (Traffic Steering's threshold policy),

Run:

```
$ POLICY_TYPE_ID="20008"
$ curl -v i-X PUT --header "Content-Type: application/json" \
"http://$(hostname):30091/policy?
id=FROMOTF&rics=ric1&service=dummyService&id=${POLICY_TYPE_ID}" \
-d '{"id": "20008"}'
```

Complete these tasks to get started

Demonstration Videos

O-DU HIGH - NearRTRIC E2 setup: [o du-high.mp4](#)

A1 flow: [a1.mp4](#)

O1 flow: [o1.mp4](#)

Helpful Hints

Kubectl comands:

```
kubectl get pods -n namespace -
gets a list of Pods running
```

```
kubectl get logs -n namespace
name_of_running_pod
```

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