



# Weekly Progress Meeting

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# Progress so far



# Near-RT RIC Troubleshooting

Pending in InfluxDB pod, caused by trouble connecting to the PVC.

**Solution:** Reconfiguring the PV and PVC

```
spec:
  accessModes:
  - ReadWriteOnce
  capacity:
    #This one=====
    storage: 50Gi
    #This one=====
  claimRef:
    apiVersion: v1
    kind: PersistentVolumeClaim
    name: r4-influxdb-influxdb2
    namespace: ricplt
    resourceVersion: "443163"
    uid: 21de30c8-f41e-4aad-9cca-f35afc0046f9
  hostPath:
    path: /mnt/pv-ricplt-influxdb
    type: ""
  persistentVolumeReclaimPolicy: Retain
  #This one=====
  storageClassName: local-storage
  #This one=====
  volumeMode: Filesystem
```

```
spec:
  accessModes:
  - ReadWriteOnce
  resources:
    requests:
      storage: 50Gi
  #This one =====
  storageClassName: local-storage
  #This one =====
  volumeMode: Filesystem
  volumeName: pv-ricplt-influxdb
```



# RIC Tester How-to

4

192.168.106.204

Auray RIC Tester > interdut > NearRT

OSC Logout

A1 Show Flow Chart

Test Case	
(A1)Query A1-Mediator Health	+
(A1)Create Policy Type	+
(A1)Delete Policy Type	+
(A1)Query All Policy Types	+
(A1)Query Policy Type Content	+
(A1)Create Policy Instance	+
(A1)Query All Policy Instances	+
(A1)Query Policy Instance Content	+
(A1)Query Policy Instance Status	+
(A1)Update Policy Instance	+
(A1)Delete Policy Instance	+
(A1)Feedback Policy Status	+
(A1)Query All EI Types	+

Edit Policy Schema

Test Suite	
(A1)Query A1-Mediator Health	-
(A1)Create Policy Type	-
(A1)Query All Policy Types	-
(A1)Query Policy Type Content	-

Save Submit

Test Result
No test submitted yet.

Generate Report





# Testing The RIC (Still on progress)

5

The screenshot displays the Auray RIC Tester web application in a Safari browser. The application interface includes a top navigation bar with the Auray logo and a 'Logout' button. The main content area is divided into three sections: 'Test Case', 'Test Suite', and 'Test Result'. The 'Test Case' section lists various test cases such as '(E2)Reset Receive', '(E2)Error Indication Send', and '(E2)RIC Service Update'. The 'Test Suite' section shows the results of the test suite, indicating 'Success'. The 'Test Result' section displays a detailed log of test results, including timestamps, test case names, and success/failure status. The log viewer on the right side of the screen shows a detailed log of test results, including timestamps, test case names, and success/failure status.

- Already done several testing on the already deployed RIC
- Currently working on the new RIC (I-Release)

# Problems



# Trouble in connecting the Tester and DUT

Test Suite

Rearrange

(A1)Query A1-Mediator Health

—

(A1)Create Policy Type

▼

(A1)Query All Policy Types

▼

(A1)Query Policy Type Content

▼

Save

Submit

Test Result

fail. ^

status code: 404, result: { "message": "no Route matched with those values", "request\_id": "6644ee12b5ec0d7a00ddd27adb45ec" }

fail. ^

status code: 404, result: { "message": "no Route matched with those values", "request\_id": "e06b5c3973eec7189d83f41c4d1d63" }

fail. ^

status code: 404, result: { 'message': 'no Route matched with those values', 'request\_id': '17d8ab0f0da3a8693607d1234693984d' }

fail. ^

status code: 404, result: { "message": "no Route matched with those values", "request\_id": "48f7235a63d1dd00ffc599364d50672" }

Generate Report

## Possible Problem:

Problem with a1mediator (ruled out)

```
root@icintx-virtual-machine:~/kong-setup# curl -v 10.96.102.138:10000/A1-P/v2/healthcheck
* Trying 10.96.102.138:10000...
* TCP_NODELAY set
* Connected to 10.96.102.138 (10.96.102.138) port 10000 (#0)
> GET /A1-P/v2/healthcheck HTTP/1.1
> Host: 10.96.102.138:10000
> User-Agent: curl/7.68.0
> Accept: */*
>
* Mark bundle as not supporting multiuse
< HTTP/1.1 200 OK
< Date: Wed, 17 Jul 2024 04:43:56 GMT
< Content-Length: 0
< Connection: close
<
* Closing connection 0
```

Kong Proxy failed to route the traffic with a1mediator

r4-infrastructure-kong-manager	NodePort	10.104.222.44	<none>	80:32080/TCP,443:32443/TCP
r4-infrastructure-kong-proxy	LoadBalancer	10.104.222.44	<pending>	80:32080/TCP,443:32443/TCP

## Current progress:

Still troubleshooting the kong proxy