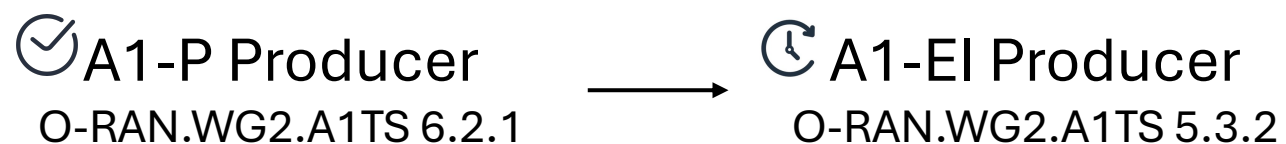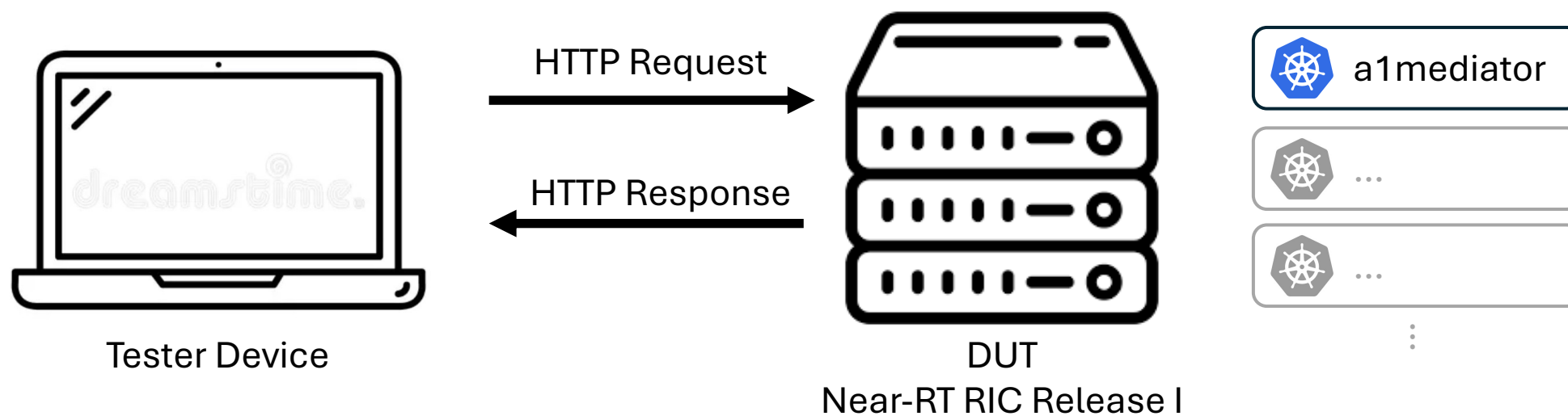# Weekly Report

2024/07/30– Ibrahim Rijal

# ✓ Current Progress
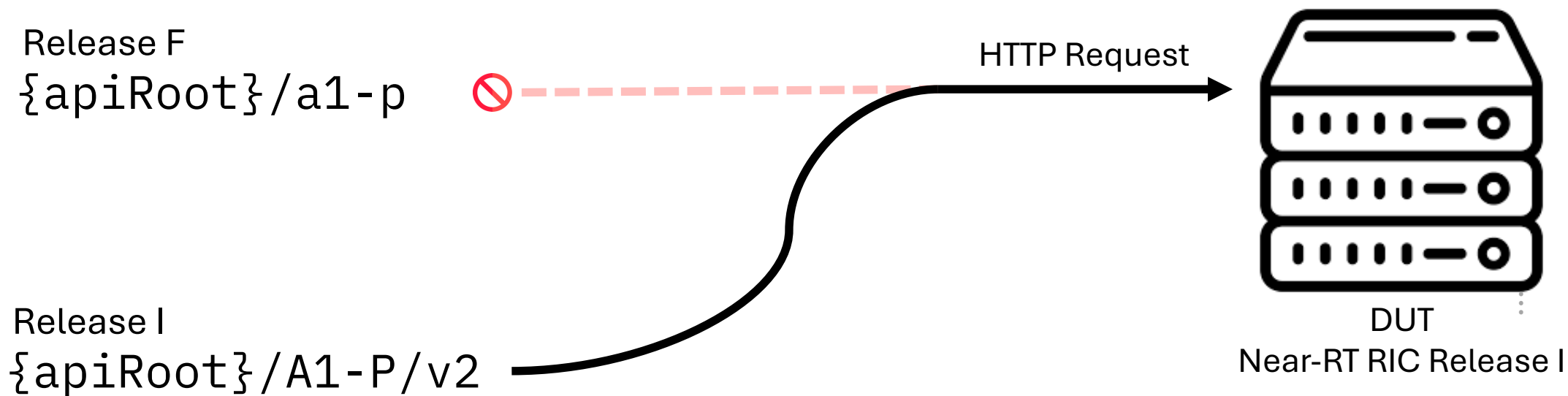
✓ A1-P Producer
O-RAN.WG2.A1TS 6.2.1 ⟶ 🕐 A1-EI Producer
O-RAN.WG2.A1TS 5.3.2

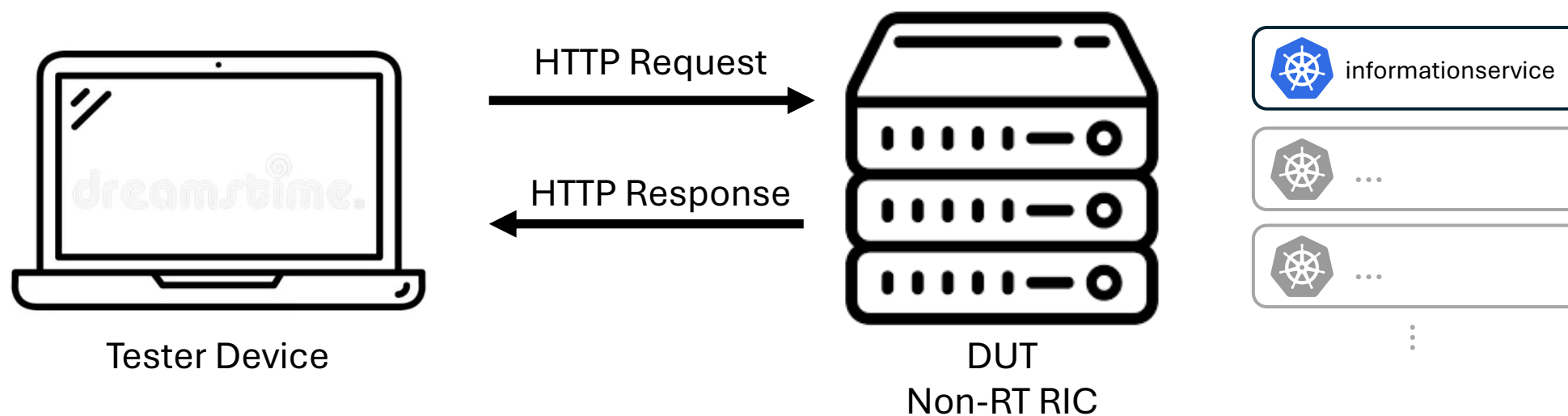# A1-P Producer
## O-RAN.WG2.A1TS 6.2.1

# A1-P Producer
## O-RAN.WG2.A1TS 6.2.1

| Test ID | Description | Prerequisite | Method | URI | Steps | Expected Output | Test Output | Status |
|---------|-------------|--------------|--------|-----|-------|-----------------|-------------|--------|
| 6.2.1.1 | Query All Policy Type Identifiers (Positive Case) | - | GET | /policytypes | Sending HTTP GET into the URI | - 200 OK<br>- Array of policyTypeIDs | - 200 OK<br>- Array of policyTypeIDs | PASS |
| 6.2.1.2 | Query Single Policy Type (Positive Case) | One available and known policyTypeId | GET | /policytypes/:policyTypeId | Sending HTTP GET into the URI with policyTypeId | - 200 OK<br>- PolicyTypeObject | - 200 OK<br>- PolicyTypeObject | PASS |
| 6.2.1.3 | Query Single Policy Type (Negative Case) - PolicyTypeId Not Supported | Known policyTypeId with no known corresponding | GET | /policytypes/:policyTypeId | Sending HTTP GET into the URI with policyTypeId | 404 Not Found | 404 Not Found | PASS |
| 6.2.2.1 | Create Single Policy (Positive Case) | Agreed policy type to use with corresponding PolicyObject JSON | PUT | /policytypes/:policyTypeId/policies/:policyId | Sending HTTP PUT into the URI with PolicyObject JSON in Body | | 202 Accepted | FAIL |
| 6.2.2.2 | Create Policy (Negative Case) - Schema Validation Failure | Agreed policy type to use with mismatched JSON | PUT | /policytypes/:policyTypeId/policies/:policyId | Sending HTTP PUT into the URI with PolicyObject JSON in Body | 400 Bad Request | 400 Bad Request | PASS |
| 6.2.2.3 | Create Policy (Negative Case) - PolicyTypeId Not Supported | Non existent policy type | PUT | /policytypes/:policyTypeId/policies/:policyId | Sending HTTP PUT into the URI with PolicyObject JSON in Body | 404 Not Found | 503 Service Unavailable | FAIL |
| 6.2.3.1 | Query All Policy Identifiers (Positive Case) | Known policyTypeId | GET | /policytypes/:policyTypeId/policies | Sending HTTP GET into the URI with policyTypeId | - 200 OK<br>- Array of policyIDs | - 200 OK<br>- Array of policyIDs | PASS |
| 6.2.3.2 | Query All Policy Identifiers (Negative Case) - PolicyTypeId Not Supported | Known non-existent policyTypeId | GET | /policytypes/:policyTypeId/policies | Sending HTTP GET into the URI with policyTypeId | 404 Not Found | - 200 OK<br>- Empty Array | FAIL |
| 6.2.3.3 | Query Single Policy (Positive Case) | Known policyTypeId and policyId | GET | /policytypes/:policyTypeId/policies/:policyId | Sending HTTP GET into the URI with policyTypeId and policyId | - 200 OK<br>- PolicyObject | - 200 OK<br>- PolicyObject | PASS |
| 6.2.3.4 | Query Single Policy (Negative Case) - Policy Does Not Exist | Known policyTypeId and non-existent policyId | GET | /policytypes/:policyTypeId/policies/:policyId | Sending HTTP GET into the URI with policyTypeId and policyId | 404 Not Found | 503 Service Unavailable | FAIL |
| 6.2.3.5 | Query Policy Status (Positive Case) | Known policyTypeId and policyId | GET | /policytypes/:policyTypeId/policies/:policyId/status | Sending HTTP GET into the URI with policyTypeId and policyId | - 200 OK<br>- PolicyStatusObject | - 200 OK<br>- PolicyStatusObject | PASS |
| 6.2.3.6 | Query Policy Status (Negative Case) - Policy Does Not Exist | Known policyTypeId and non-existent policyId | GET | /policytypes/:policyTypeId/policies/:policyId/status | Sending HTTP GET into the URI with policyTypeId and policyId | 404 Not Found | 404 Not Found | PASS |
| 6.2.4.1 | Update Single Policy (Positive Case) | Agreed policy type to use with corresponding PolicyObject JSON, policyId | PUT | /policytypes/:policyTypeId/policies/:policyId | Sending HTTP PUT into the URI with PolicyObject JSON in Body | - 200 OK<br>- Response message contains PolicyObject | 202 Accepted | FAIL |
| 6.2.4.2 | Update Single Policy (Negative Case) – Schema Validation Failure | Agreed policy type to use with mismatched JSON, policyId | PUT | /policytypes/:policyTypeId/policies/:policyId | Sending HTTP PUT into the URI with PolicyObject JSON in Body | 400 Bad Request | 400 Bad Request | PASS |
| 6.2.5.1 | Delete Single Policy (Positive Case) | Known policyTypeId and policyId | DELETE | /policytypes/:policyTypeId/policies/:policyId | Sending HTTP DELETE into the URI with policyTypeId and policyId | - 204 No Content<br>-Empty response body | - 202 Accepted<br>-Empty response body | FAIL |
| 6.2.5.2 | Delete Single Policy (Negative Case) – Policy Does Not Exist | Known policyTypeId and non-existent policyId | DELETE | /policytypes/:policyTypeId/policies/:policyId | Sending HTTP GET into the URI with policyTypeId and policyId | 404 Not Found | 503 Service Unavailable | FAIL |
| 6.2.6.1 | Notify Policy Status (Positive Case) | | | | | | | FAIL |

# ⟳ A1-EI Producer
## O-RAN.WG2.A1TS 5.3.2

# ⟳ A1-EI Producer
## O-RAN.WG2.A1TS 5.3.2

| Test ID | Description | Prerequisite | Method | URI |
|---|---|---|---|---|
| 5.3.1.1 | Query EI type identifiers (positive case) | - | GET | /eiTypes |
| 5.3.1.2 | Query EI type (positive case) | One known eiTypeId with corresponding match | GET | /eiTypes/:eiTypeId |
| 5.3.1.3 | Query EI type (negative case) – eiTypeId not supported | One eiTypeId which don't have a corresponding match | GET | /eiTypes/:eiTypeId |
| 5.3.2.1 | Create EI job (positive case) | - No EI Job exist for the agreed EI Type with the same eiJobId - Match JSON object with the EI Type | PUT | /eiJobs/:eiJobId |
| 5.3.2.2 | Create EI job (negative case) – eiTypeId not supported | One eiTypeId which don't have a corresponding match | PUT | /eiJobs/:eiJobId |
| 5.3.2.3 | Create EI job (negative case) – schema validation failure | - No EI Job exist for the agreed EI Type with the same eiJobId - Mismatch JSON object with the EI Type | PUT | /eiJobs/:eiJobId |
| 5.3.3.1 | Query EI job identifiers for a single EI type (positive case) | One known eiTypeId | GET | /eiJobs/ |
| 5.3.3.2 | Query EI job identifiers for a single EI type (negative case) – eiTypeId not supported | One eiTypeId which don't have a corresponding match | GET | /eiJobs/ |
| 5.3.3.3 | Query EI job identifiers for all EI types (positive case) | - | GET | /eiJobs/ |
| 5.3.3.4 | Query EI job (positive case) | One known eiJobId | GET | /eiJobs/:eiJobId |
| 5.3.3.5 | Query EI job (negative case) – EI job does not exist | One eiJobId which don't have a corresponding match | GET | /eiJobs/:eiJobId |
| 5.3.4.1 | Update EI job (positive case) | - One known eiJobId and eiTypeId - Match JSON object with the EI Type | PUT | /eiJobs/:eiJobId |
| 5.3.4.2 | Update EI job (negative case) – schema validation failure | - One known eiJobId and eiTypeId - Mismatch JSON object with the EI Type | PUT | /eiJobs/:eiJobId |
| 5.3.5.1 | Delete EI job (positive case) | One known eiJobId | DELETE | /eiJobs/:eiJobId |
| 5.3.5.2 | Delete EI job (negative case) – EI job does not exist | One eiJobId which don't have a corresponding match | DELETE | /eiJobs/:eiJobId |
| 5.3.6.1 | Query EI job status (positive case) | One known eiJobId | GET | /eiJobs/:eiJobId/status |
| 5.3.6.2 | Query EI job status (negative case) EI job does not exist | One eiJobId which don't have a corresponding match | GET | /eiJobs/:eiJobId/status |
| 5.3.6.3 | Notify EI job status (positive case) | | | |

Done the mapping for the testing

# ⏱ A1-EI Producer
## O-RAN.WG2.A1TS 5.3.2
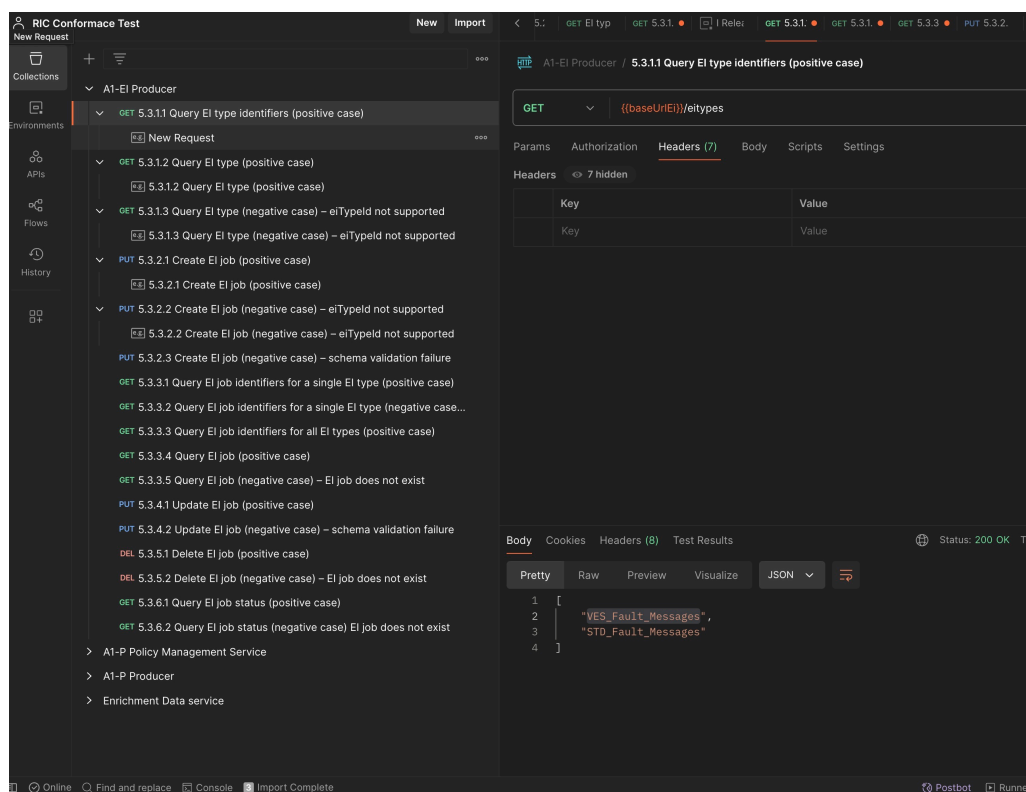


Testing in currently being done...

谢谢
**Thank you.**
**Terima kasih.**