



**@ FILE NAME: M\_CTC\_ID\_016.txt**

**@ TEST SCOPE: M PLANE O-RAN CONFORMANCE**

**@ Software Release for Garuda: v4.2.0**

**Test Description : The minimum functions of the TER described in section 2.1 that support validation of the M-Plane are operational, configured and connected to the O-RU**

=====

**\*\*\*\*\* Connect to the NETCONF Server \*\*\*\*\***

=====

> listen --ssh --login operator

Waiting 60s for an SSH Call Home connection on port 4334...

The authenticity of the host '192.168.22.37' cannot be established.

ssh-rsa key fingerprint is c0:7c:63:5d:4b:85:e7:27:e0:7e:f0:44:38:4e:ab:83

Interactive SSH Authentication done.

> status

Current NETCONF session:

ID : 3

Host : 192.168.22.37

Port : 830

Transport : SSH

Capabilities:

urn:ietf:params:netconf:base:1.0 urn:ietf:params:netconf:base:1.1 urn:ietf:params:netconf:capability:writable-running:1.0  
urn:ietf:params:netconf:capability:candidate:1.0 urn:ietf:params:netconf:capability:rollback-on-error:1.0  
urn:ietf:params:netconf:capability:validate:1.1 urn:ietf:params:netconf:capability:startup:1.0 urn:ietf:params:netconf:capability:xpath:1.0  
urn:ietf:params:netconf:capability:with-defaults:1.0?basic-mode=explicit&also-supported=report-all,report-all-tagged,trim,explicit  
urn:ietf:params:netconf:capability:notification:1.0 urn:ietf:params:netconf:capability:interleave:1.0  
urn:ietf:params:xml:ns:yang:ietf-yang-metadata?module=ietf-yang-metadata&revision=2016-08-05  
urn:ietf:params:xml:ns:yang:1?module=yang&revision=2017-02-20  
urn:ietf:params:xml:ns:yang:ietf-inet-types?module=ietf-inet-types&revision=2013-07-15  
urn:ietf:params:xml:ns:yang:ietf-yang-types?module=ietf-yang-types&revision=2013-07-15  
urn:ietf:params:netconf:capability:yang-library:1.1?revision=2019-01-04&content-id=61  
urn:sysrepo:plugind?module=sysrepo-plugind&revision=2020-12-10  
urn:ietf:params:xml:ns:yang:ietf-netconf-acm?module=ietf-netconf-acm&revision=2018-02-14  
urn:ietf:params:xml:ns:netconf:base:1.0?module=ietf-netconf&revision=2013-09-29&features=writable-running,candidate,rollback-on-error,validate,startup,url,xpath urn:ietf:params:xml:ns:yang:ietf-netconf-with-defaults?module=ietf-netconf-with-defaults&revision=2011-06-01  
urn:ietf:params:xml:ns:yang:ietf-netconf-notifications?module=ietf-netconf-notifications&revision=2012-02-06  
urn:ietf:params:xml:ns:yang:ietf-netconf-monitoring?module=ietf-netconf-monitoring&revision=2010-10-04  
urn:ietf:params:xml:ns:netconf:notification:1.0?module=notifications&revision=2008-07-14  
urn:ietf:params:xml:ns:netmod:notification?module=nc-notifications&revision=2008-07-14  
urn:ietf:params:xml:ns:yang:ietf-x509-cert-to-name?module=ietf-x509-cert-to-name&revision=2014-12-10  
urn:ietf:params:xml:ns:yang:iana-crypt-hash?module=iana-crypt-hash&revision=2014-08-06 urn:notification\_history?module=notification\_history  
urn:ietf:params:xml:ns:yang:iana-if-type?module=iana-if-type&revision=2017-01-19

=====

> subscribe

=====

Ok

---

---

## Initial Get Filter

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---

**> get --filter-xpath /o-ran-software-management:software-inventory**

---

```
<?xml version="1.0" ?>
<data xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0">
  <software-inventory xmlns="urn:o-ran:software-management:1.0">
    <software-slot>
      <name>swSlot1</name>
      <status>VALID</status>
      <active>true</active>
      <running>true</running>
      <access>READ_WRITE</access>
      <product-code>STL=O-RU</product-code>
      <vendor-code>VN</vendor-code>
      <build-id>factory_img</build-id>
      <build-name>Beta Release</build-name>
      <build-version>4.2.0</build-version>
      <files>
        <name>boot</name>
        <version>1.0.0</version>
        <local-path>/media/sd-mmcb1k0p1/BOOT0001.BIN</local-path>
        <integrity>OK</integrity>
      </files>
      <files>
        <name>kernel</name>
        <version>1.0.0</version>
        <local-path>/media/sd-mmcb1k0p1/image0001.ub</local-path>
        <integrity>OK</integrity>
      </files>
      <files>
        <name>rootfs</name>
        <version>1.0.0</version>
        <local-path>/media/sd-mmcb1k0p2/</local-path>
        <integrity>OK</integrity>
      </files>
    </software-slot>
    <software-slot>
      <name>swSlot2</name>
      <status>VALID</status>
      <active>false</active>
      <running>false</running>
      <access>READ_WRITE</access>
      <product-code>STL O-RU</product-code>
```

```
<vendor-code>VN</vendor-code>
<build-id>90f0b6c</build-id>
<build-name>Beta Release</build-name>
<build-version>5.0.4</build-version>
<files>
  <name>boot</name>
  <version>1.0.0</version>
  <local-path>/media/sd-mmcb1k0p1/BOOT0002.BIN</local-path>
  <integrity>OK</integrity>
</files>
<files>
  <name>kernel</name>
  <version>1.0.0</version>
  <local-path>/media/sd-mmcb1k0p1/image0002.ub</local-path>
  <integrity>OK</integrity>
</files>
<files>
  <name>rootfs</name>
  <version>1.0.0</version>
  <local-path>/media/sd-mmcb1k0p3/</local-path>
  <integrity>OK</integrity>
</files>
</software-slot>
<software-slot>
  <name>swRecoverySlot</name>
  <status>VALID</status>
  <active>false</active>
  <running>false</running>
  <access>READ_ONLY</access>
  <product-code>STL=O-RU</product-code>
  <vendor-code>VN</vendor-code>
  <build-id>factory_img</build-id>
  <build-name>Beta Release</build-name>
  <build-version>1.3.4</build-version>
  <files>
    <name>boot</name>
    <version>1.0.0</version>
    <local-path>/media/sd-mmcb1k0p1/BOOT0003.BIN</local-path>
    <integrity>OK</integrity>
  </files>
  <files>
    <name>kernel</name>
    <version>1.0.0</version>
    <local-path>/media/sd-mmcb1k0p1/golden.ub</local-path>
    <integrity>OK</integrity>
  </files>
  <files>
    <name>rootfs</name>
    <version>1.0.0</version>
```

```
<local-path>/media/sd-mmcb1k0p1/golden.ub</local-path>
<integrity>OK</integrity>
</files>
</software-slot>
</software-inventory>
</data>
```

=====

**Step 1 : TER NETCONF Client triggers <rpc><software-activate> Slot must have attributes active = FALSE, running = FALSE.**

=====

> user-rpc

=====

\*\*\*\*\* Replace with below xml \*\*\*\*\*

=====

```
<software-activate xmlns="urn:o-ran:software-management:1.0">
<slot-name>swSlot2</slot-name>
</software-activate>
```

=====

**Step 2 : O-RU NETCONF Server responds with <rpc-reply><software-activate><status>. The parameter "status" is set to STARTED.**

=====

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:d57599aa-124b-4388-887e-8ac1e31a2fae"><status
xmlns="urn:o-ran:software-management:1.0">STARTED</status><notification-timeout
xmlns="urn:o-ran:software-management:1.0">30</notification-timeout></nc:rpc-reply>
```

=====

**Step 3 : O-RU NETCONF Server sends <notification><activation-event> with a status COMPLETED.**

=====

```
<?xml version="1.0" ?>
<notification xmlns="urn:ietf:params:xml:ns:netconf:notification:1.0">
<eventTime>2027-04-14T05:32:14Z</eventTime>
<activation-event xmlns="urn:o-ran:software-management:1.0">
<slot-name>swSlot2</slot-name>
<status>COMPLETED</status>
<return-code>0</return-code>
</activation-event>
</notification>
```

```
=====
```

**> get --filter-xpath /o-ran-software-management:software-inventory**

```
=====
```

```
<?xml version="1.0" ?>
<data xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0">
  <software-inventory xmlns="urn:o-ran:software-management:1.0">
    <software-slot>
      <name>swSlot1</name>
      <status>VALID</status>
      <active>false</active>
      <running>true</running>
      <access>READ_WRITE</access>
      <product-code>STL=O-RU</product-code>
      <vendor-code>VN</vendor-code>
      <build-id>factory_img</build-id>
      <build-name>Beta Release</build-name>
      <build-version>4.2.0</build-version>
      <files>
        <name>boot</name>
        <version>1.0.0</version>
        <local-path>/media/sd-mmcb1k0p1/BOOT0001.BIN</local-path>
        <integrity>OK</integrity>
      </files>
      <files>
        <name>kernel</name>
        <version>1.0.0</version>
        <local-path>/media/sd-mmcb1k0p1/image0001.ub</local-path>
        <integrity>OK</integrity>
      </files>
      <files>
        <name>rootfs</name>
        <version>1.0.0</version>
        <local-path>/media/sd-mmcb1k0p2/</local-path>
        <integrity>OK</integrity>
      </files>
    </software-slot>
    <software-slot>
      <name>swSlot2</name>
      <status>VALID</status>
      <active>true</active>
      <running>false</running>
      <access>READ_WRITE</access>
      <product-code>STL O-RU</product-code>
      <vendor-code>VN</vendor-code>
      <build-id>90f0b6c</build-id>
      <build-name>Beta Release</build-name>
      <build-version>5.0.4</build-version>
```

```
<files>
<name>boot</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcb1k0p1/BOOT0002.BIN</local-path>
<integrity>OK</integrity>
</files>
<files>
<name>kernel</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcb1k0p1/image0002.ub</local-path>
<integrity>OK</integrity>
</files>
<files>
<name>rootfs</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcb1k0p3/</local-path>
<integrity>OK</integrity>
</files>
</software-slot>
<software-slot>
<name>swRecoverySlot</name>
<status>VALID</status>
<active>false</active>
<running>false</running>
<access>READ_ONLY</access>
<product-code>STL=O-RU</product-code>
<vendor-code>VN</vendor-code>
<build-id>factory_img</build-id>
<build-name>Beta Release</build-name>
<build-version>1.3.4</build-version>
<files>
<name>boot</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcb1k0p1/BOOT0003.BIN</local-path>
<integrity>OK</integrity>
</files>
<files>
<name>kernel</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcb1k0p1/golden.ub</local-path>
<integrity>OK</integrity>
</files>
<files>
<name>rootfs</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcb1k0p1/golden.ub</local-path>
<integrity>OK</integrity>
</files>
</software-slot>
```

</software-inventory>  
</data>



## =====

**##### SYSTEM LOGS #####**

=====

Apr 14 05:31:55 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:55 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:31:55 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:55 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Successfully connected to 192.168.22.208:4334 over IPv4.

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Session 138 (user "root", CID 1) created.

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Received an SSH message "request-service" of subtype "ssh-userauth".

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Received an SSH message "request-auth" of subtype "password".

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: User "operator" authenticated.

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Received an SSH message "request-channel-open" of subtype "session".

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Received an SSH message "request-channel" of subtype "subsystem".

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Call Home client "default-client" session 3 established.

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Session 139 (user "root", CID 1) created.

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: There are no subscribers for "ietf-netconf-notifications" notifications.

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Generated new event (netconf-session-start).

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Published event "rpc" "/ietf-netconf:get" with ID 6 priority 0 for 1 subscribers.

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Processing "/ietf-netconf:get" "rpc" event with ID 6 priority 0 (remaining 1 subscribers).

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Successful processing of "rpc" event with ID 6 priority 0 (remaining 0 subscribers).

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Event "rpc" with ID 6 priority 0 succeeded.

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Session 3: thread 2 event new RPC.

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Published event "rpc" "/ietf-netconf:get" with ID 7 priority 0 for 1 subscribers.

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Processing "/ietf-netconf:get" "rpc" event with ID 7 priority 0 (remaining 1 subscribers).

Apr 14 05:31:56 garuda daemon.info netopeer2-server[863]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 7.

Apr 14 05:31:56 garuda user.notice fw\_manager[940]: RPC #7 recieved. xpath -> /o-ran-software-management:software-inventory

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Event "operational" with ID 7 succeeded.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL O-RU", but it is not required.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Successful processing of "rpc" event with ID 7 priority 0 (remaining 0 subscribers).

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Event "rpc" with ID 7 priority 0 succeeded.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL O-RU", but it is not required.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Session 3: thread 0 event new RPC.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Published event "rpc" "/ietf-netconf:get-config" with ID 2 priority 0 for 1 subscribers.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Processing "/ietf-netconf:get-config" "rpc" event with ID 2 priority 0 (remaining 1 subscribers).

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Successful processing of "rpc" event with ID 2 priority 0 (remaining 0 subscribers).

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Event "rpc" with ID 2 priority 0 succeeded.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Session 3: thread 2 event new RPC.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Published event "rpc" "/notifications:create-subscription" with ID 2 priority 0 for 1 subscribers.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Processing "/notifications:create-subscription" "rpc" event with ID 2 priority 0 (remaining 1 subscribers).

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Successful processing of "rpc" event with ID 2 priority 0 (remaining 0 subscribers).

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Event "rpc" with ID 2 priority 0 succeeded.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Session 3: thread 2 event new RPC.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Published event "rpc" "/ietf-netconf:get" with ID 8 priority 0 for 1 subscribers.

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Processing "/ietf-netconf:get" "rpc" event with ID 8 priority 0 (remaining 1 subscribers).

Apr 14 05:31:57 garuda daemon.info netopeer2-server[863]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 8.

Apr 14 05:31:57 garuda user.notice fw\_manager[940]: RPC #8 recieved. xpath -> /o-ran-software-management:software-inventory

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Event "operational" with ID 8 succeeded.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL O-RU", but it is not required.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Successful processing of "rpc" event with ID 8 priority 0 (remaining 0 subscribers).

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Event "rpc" with ID 8 priority 0 succeeded.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL O-RU", but it is not required.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Session 3: thread 3 event new RPC.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Must condition "/software-inventory/software-slot[name = current()][status = 'VALID']" not satisfied, but it is not required.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 9.

Apr 14 05:31:58 garuda user.notice fw\_manager[940]: RPC #9 recieved. xpath -> /o-ran-software-management:software-inventory

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: getssockopt() error (Connection refused).

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Event "operational" with ID 9 succeeded.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL O-RU", but it is not required.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Published event "rpc" "/o-ran-software-management:software-activate" with ID 1 priority 0 for 1 subscribers.

Apr 14 05:31:58 garuda user.notice fw\_manager[940]: RPC #1 recieved. xpath -> /o-ran-software-management:software-activate

Apr 14 05:31:58 garuda user.notice fw\_manager[940]: Requested slot for activation - swSlot2

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Event "rpc" with ID 1 priority 0 succeeded.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:58 garuda daemon.info netopeer2-server[863]: Session 3: thread 4 event new RPC.

Apr 14 05:31:59 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:59 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:00 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:00 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:01 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:01 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:01 garuda user.notice SYNCMNGR[1186]: Received message from S-Plane

Apr 14 05:32:02 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:02 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:03 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:03 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:04 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:04 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:05 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:05 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:06 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:06 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:07 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:07 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:08 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:08 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli\_giru-wdm:system-apps/fw\_manager", but it is not required.

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 1.

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 1 priority 0 (remaining 0 subscribers).

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli\_giru-wdm:system-apps/nw\_manager", but it is not required.

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 2.

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 2 priority 0 (remaining 0 subscribers).

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli\_giru-wdm:system-apps/operations\_manager", but it is

[illegible]



Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 11.

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 11 priority 0 (remaining 0 subscribers).

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli\_giru-wdm:system-apps/radio\_manager", but it is not required.

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 12.

Apr 14 05:32:09 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 12 priority 0 (remaining 0 subscribers).

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli\_giru-wdm:system-apps/log\_manager", but it is not required.

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 13.

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 13 priority 0 (remaining 0 subscribers).

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli\_giru-wdm:system-apps/fault\_manager", but it is not required.

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 14.

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 14 priority 0 (remaining 0 subscribers).

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli\_giru-wdm:system-apps/file\_manager", but it is not required.

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 15.

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 15 priority 0 (remaining 0 subscribers).

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli\_giru-wdm:system-apps/pm\_manager", but it is not required.

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 16.

Apr 14 05:32:10 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 16 priority 0 (remaining 0 subscribers).

Apr 14 05:32:11 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:11 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:11 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:11 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:32:11 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:11 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 17.

Apr 14 05:32:11 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 17 priority 0 (remaining 0 subscribers).

Apr 14 05:32:11 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:11 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli\_giru-wdm:system-apps/nw\_manager", but it is not required.

Apr 14 05:32:11 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:11 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 18.

Apr 14 05:32:11 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 18 priority 0 (remaining 0 subscribers).

Apr 14 05:32:12 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:12 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:12 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:12 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli\_giru-wdm:system-apps/radio\_manager", but it is not required.

Apr 14 05:32:12 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:12 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 19.

Apr 14 05:32:12 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 19 priority 0 (remaining 0 subscribers).

Apr 14 05:32:12 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:12 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli\_giru-wdm:system-apps/um\_manager", but it is not required.

Apr 14 05:32:12 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:12 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 20.

Apr 14 05:32:12 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 20 priority 0 (remaining 0 subscribers).

Apr 14 05:32:13 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:13 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:13 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:13 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli\_giru-wdm:system-apps/sys\_monitor", but it is not required.

Apr 14 05:32:13 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:13 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 21.

Apr 14 05:32:13 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 21 priority 0 (remaining 0 subscribers).

Apr 14 05:32:13 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:13 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli\_giru-wdm:system-apps/fw\_manager", but it is not required.

Apr 14 05:32:13 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:13 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 22.

Apr 14 05:32:13 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 22 priority 0 (remaining 0 subscribers).

Apr 14 05:32:13 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:13 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli\_giru-wdm:system-apps/sync\_manager", but it is not required.

Apr 14 05:32:13 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:13 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 23.

Apr 14 05:32:13 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 23 priority 0 (remaining 0 subscribers).

Apr 14 05:32:14 garuda user.notice fw\_manager[940]: RPC #10 recieved. xpath -> /o-ran-software-management:software-inventory

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli\_giru-wdm:system-apps/operations\_manager", but it is not required.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 24.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 24 priority 0 (remaining 0 subscribers).

Apr 14 05:32:14 garuda user.err FAULT MANAGER[878]: sendData : Source ID: 17

Apr 14 05:32:14 garuda user.err FAULT MANAGER[878]: sendData : Fault ID: 23

Apr 14 05:32:14 garuda user.err FAULT MANAGER[878]: sendData : FAULT\_IS\_CLEARED: TRUE

Apr 14 05:32:14 garuda user.err FAULT MANAGER[878]: sendData : FAULT\_SEVERITY: 0

Apr 14 05:32:14 garuda user.err FAULT MANAGER[878]: sendData : FAULT\_TIME: 2027-04-14T05:32:14Z

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: There is no instance of "/notification\_history:history/module-notification[module-name='Initialization Fault']", but it is not required.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: There is no instance of "/notification\_history:history/module-notification[module-name='Initialization Fault']/module-name", but it is not required.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 25.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 25 priority 0 (remaining 0 subscribers).

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: There is no instance of "/notification\_history:history/module-notification[module-name='Initialization Fault']/notif-error", but it is not required.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 26.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 26 priority 0 (remaining 0 subscribers).

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: There is no instance of "/notification\_history:history/module-notification[module-name='Initialization Fault']/alert", but it is not required.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 27.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 27 priority 0 (remaining 0 subscribers).

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Processing "notif" "o-ran-fm" event with ID 1.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 1 priority 0 (remaining 0 subscribers).

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: There is no instance of "/notification\_history:history/module-notification[module-name='Initialization Fault']/epochtime", but it is not required.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 28.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 28 priority 0 (remaining 0 subscribers).

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: There is no leafref "/software-inventory/software-slot/name" with the value "swSlot2", but it is not required.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Processing "notif" "o-ran-software-management" event with ID 1.

Apr 14 05:32:14 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 1 priority 0 (remaining 0 subscribers).

Apr 14 05:32:15 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:15 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:15 garuda user.notice SYNCMNGR[1186]: Received message from S-Plane

Apr 14 05:32:16 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:16 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:17 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:17 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:18 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:18 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: Published event "rpc" "/ietf-netconf:get" with ID 9 priority 0 for 1 subscribers.



Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: Processing "/ietf-netconf:get" "rpc" event with ID 9 priority 0 (remaining 1 subscribers).

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 11.

Apr 14 05:32:19 garuda user.notice fw\_manager[940]: RPC #11 recieved. xpath -> /o-ran-software-management:software-inventory

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: Event "operational" with ID 11 succeeded.

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL O-RU", but it is not required.

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: Successful processing of "rpc" event with ID 9 priority 0 (remaining 0 subscribers).

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: Event "rpc" with ID 9 priority 0 succeeded.

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL O-RU", but it is not required.

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:32:19 garuda daemon.info netopeer2-server[863]: Session 3: thread 4 event new RPC.

Apr 14 05:32:20 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:20 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:21 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:21 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:22 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:22 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:23 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:23 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:24 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:24 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:25 garuda daemon.info netopeer2-server[863]: Session 3: thread 0 event new RPC.

Apr 14 05:32:25 garuda daemon.info netopeer2-server[863]: Session 3: thread 0 event session terminated.

Apr 14 05:32:25 garuda daemon.info netopeer2-server[863]: There are no subscribers for "ietf-netconf-notifications" notifications.

Apr 14 05:32:25 garuda daemon.info netopeer2-server[863]: Generated new event (netconf-session-end).

Apr 14 05:32:25 garuda daemon.info netopeer2-server[863]: Call Home client "default-client" session terminated.

Apr 14 05:32:25 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:25 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:32:25 garuda auth.info sshd[8184]: Accepted password for operator from 192.168.22.208 port 41994 ssh2

Apr 14 05:32:25 garuda authpriv.info sshd[8184]: pam\_unix(sshd:session): session opened for user operator by (uid=0)

Apr 14 05:32:25 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:32:25 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

**Expected Result :**

1. The O-RU NETCONF Server performs a software activation procedure. When the procedure is completed, the O-RU NETCONF Server sends **<notification><activation-event>** with a status **COMPLETED** and the slot-name in the activation event corresponds to the slot-name used in the software-activate RPC to the **TER NETCONF Client**.
2. Status of the software slot containing the software still used by device remains **VALID**, the parameter "active" is set to False. The parameter "running" is True.

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\*\*\*\*\* Actual Result \*\*\*\*\*

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<b>O-RU Software Activate without reset</b>	<b>=</b>	<b>SUCCESS</b>
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