



@ FILE NAME: M_CTC_ID_014.txt

@ TEST SCOPE: M PLANE O-RAN CONFORMANCE

@ Software Release for Garuda: v4.2.0

Test Description : This test validates that the O-RU can successfully perform a software download and software install procedure.

=====

******* 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 : 2

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

> 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>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/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-mmcbk0p1/golden.ub</local-path>
<integrity>OK</integrity>
</files>
</software-slot>
</software-inventory>
</data>
```

Step 1 : TER NETCONF Client triggers <rpc><software-download>

> user-rpc

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

```
<software-download xmlns="urn:o-ran:software-management:1.0">
<remote-file-path>sftp://vvdn@192.168.22.208:22/home/vvdn/Downloads/Garuda_Images/giru_RevAll_5.0.4.zip</remote-file-path>
<password>
<password>vvdntech</password>
</password>
<server>
<keys>
<algorithm>secp256r1</algorithm>
<public-key>AAAAB3NzaC1yc2EAAAADAQABAAQCAQC0EVfAv8Ml4ZsCWkGxxv36AwwOewJuHXxsiJDNYet2n02N9cbZgifa+Lt0ni4dG
jERFEq2YZCnaX4cuFnsLq8bUjBAuy0hyU2ACb5FohzIbZnMW4cUGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkiUwPb+tnP7iT9T7YMx4c6
2h6I90/wt2hq8RMAC8PT1JAeVebyllrKbcI5g3N2NI6D8OGD0Coick7iczIlor/9ylshjdgIQdi8Bxnq9NhZD0zA2WvQI9eytlvut/uA6KWaiwF9C+O
C7Fhlf1O7jDoYXvZUIQa90c0EG4O962JB3SYxWchl4gYxmr6zAtu3TT4j</public-key>
</keys>
</server>
</software-download>
```

***** RPC Reply *****

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:d4f35a0b-06cf-4cdf-ba1b-ffd0a769ceca"><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 2 : O-RU NETCONF Server sends <notification><download-event> with status COMPLETED to TER NETCONF Client

=====

```
<?xml version="1.0" ?>
<notification xmlns="urn:ietf:params:xml:ns:netconf:notification:1.0">
  <eventTime>2027-04-14T05:31:12Z</eventTime>
  <download-event xmlns="urn:o-ran:software-management:1.0">
    <file-name>giru_RevAll_5.0.4.zip</file-name>
    <status>COMPLETED</status>
  </download-event>
</notification>
```

=====

Step 3 : TER NETCONF Client triggers <rpc><software-install> Slot must have attributes active = FALSE, running = FALSE.

=====

SR_NO	Slot_Name		Active	Running
1	swSlot1	=	true	true
2	swSlot2	=	false	false

> user-rpc

=====

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

=====

```
<software-install xmlns="urn:o-ran:software-management:1.0">
  <slot-name>swSlot2</slot-name>
  <file-names>/home/vvvn/Downloads/Garuda_Images/giru_RevAll_5.0.4.zip</file-names>
</software-install>
```

=====

***** RPC Reply *****

=====

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:84a40b97-4c08-48b6-9add-68018fe9f8bf"><status
xmlns="urn:o-ran:software-management:1.0">STARTED</status></nc:rpc-reply>
```

=====

Step 4 and 5 : O-RU NETCONF Server sends <notification><install-event> with status COMPLETED to TER NETCONF Client

=====

```
<?xml version="1.0" ?>
```

```
<notification xmlns="urn:ietf:params:xml:ns:netconf:notification:1.0">  
<eventTime>2027-04-14T05:31:27Z</eventTime>  
<install-event xmlns="urn:o-ran:software-management:1.0">  
  <slot-name>swSlot2</slot-name>  
  <status>COMPLETED</status>  
</install-event>  
</notification>
```

POST GET AFTER INSTALL SW

```
> 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>
```

=====

SYSTEM LOGS

=====

Apr 14 05:31:01 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:01 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:31:01 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:01 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:31:02 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:02 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:31:02 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:02 garuda daemon.info netopeer2-server[863]: Successfully connected to 192.168.22.208:4334 over IPv4.

Apr 14 05:31:02 garuda daemon.info netopeer2-server[863]: Session 97 (user "root", CID 1) created.

Apr 14 05:31:02 garuda daemon.info netopeer2-server[863]: Received an SSH message "request-service" of subtype "ssh-userauth".

Apr 14 05:31:02 garuda daemon.info netopeer2-server[863]: Received an SSH message "request-auth" of subtype "password".

Apr 14 05:31:02 garuda daemon.info netopeer2-server[863]: User "operator" authenticated.

Apr 14 05:31:02 garuda daemon.info netopeer2-server[863]: Received an SSH message "request-channel-open" of subtype "session".

Apr 14 05:31:02 garuda daemon.info netopeer2-server[863]: Received an SSH message "request-channel" of subtype "subsystem".

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Call Home client "default-client" session 2 established.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Session 98 (user "root", CID 1) created.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: There are no subscribers for "ietf-netconf-notifications" notifications.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Generated new event (netconf-session-start).

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Published event "rpc" "/ietf-netconf:get" with ID 2 priority 0 for 1 subscribers.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Processing "/ietf-netconf:get" "rpc" event with ID 2 priority 0 (remaining 1 subscribers).

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Successful processing of "rpc" event with ID 2 priority 0 (remaining 0 subscribers).

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Event "rpc" with ID 2 priority 0 succeeded.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Session 2: thread 1 event new RPC.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Published event "rpc" "/ietf-netconf:get" with ID 3 priority 0 for 1 subscribers.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Processing "/ietf-netconf:get" "rpc" event with ID 3 priority 0 (remaining 1 subscribers).

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 2.

Apr 14 05:31:03 garuda user.notice fw_manager[940]: RPC #2 recieved. xpath -> /o-ran-software-management:software-inventory

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Event "operational" with ID 2 succeeded.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:03 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 05:31:03 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 05:31:03 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 05:31:03 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Successful processing of "rpc" event with ID 3 priority 0 (remaining 0 subscribers).

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Event "rpc" with ID 3 priority 0 succeeded.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:03 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 05:31:03 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 05:31:03 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 05:31:03 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Session 2: thread 1 event new RPC.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Published event "rpc" "/ietf-netconf:get-config" with ID 1 priority 0 for 1 subscribers.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Processing "/ietf-netconf:get-config" "rpc" event with ID 1 priority 0 (remaining 1 subscribers).

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Successful processing of "rpc" event with ID 1 priority 0 (remaining 0 subscribers).

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Event "rpc" with ID 1 priority 0 succeeded.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:03 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 05:31:03 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 05:31:03 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 05:31:03 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:03 garuda daemon.info netopeer2-server[863]: Session 2: thread 4 event new RPC.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Published event "rpc" "/notifications:create-subscription" with ID 1 priority 0 for 1 subscribers.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Processing "/notifications:create-subscription" "rpc" event with ID 1 priority 0 (remaining 1 subscribers).

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Successful processing of "rpc" event with ID 1 priority 0 (remaining 0 subscribers).

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Event "rpc" with ID 1 priority 0 succeeded.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Session 2: thread 4 event new RPC.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Published event "rpc" "/ietf-netconf:get" with ID 4 priority 0 for 1 subscribers.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Processing "/ietf-netconf:get" "rpc" event with ID 4 priority 0 (remaining 1 subscribers).

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 3.

Apr 14 05:31:04 garuda user.notice fw_manager[940]: RPC #3 recieved. xpath -> /o-ran-software-management:software-inventory

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Event "operational" with ID 3 succeeded.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:04 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 05:31:04 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 05:31:04 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 05:31:04 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Successful processing of "rpc" event with ID 4 priority 0 (remaining 0 subscribers).

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Event "rpc" with ID 4 priority 0 succeeded.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:04 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 05:31:04 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 05:31:04 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 05:31:04 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Session 2: thread 2 event new RPC.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Published event "rpc" "/o-ran-software-management:software-download" with ID 1 priority 0 for 1 subscribers.

Apr 14 05:31:04 garuda user.notice fw_manager[940]: RPC #1 recieved. xpath -> /o-ran-software-management:software-download

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Event "rpc" with ID 1 priority 0 succeeded.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:04 garuda daemon.info netopeer2-server[863]: Session 2: thread 3 event new RPC.

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

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

Apr 14 05:31:05 garuda user.notice SYNCMNGR[1186]: Received message from S-Plane

Apr 14 05:31:06 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:06 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:07 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:07 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:08 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:08 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:09 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:09 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:10 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:10 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:10 garuda user.notice fw_manager[940]: Function isDownloadCompleted setting error code 0
Apr 14 05:31:11 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:11 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:12 garuda daemon.info netopeer2-server[863]: Processing "notif" "o-ran-software-management" event with ID 1.
Apr 14 05:31:12 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 1 priority 0 (remaining 0 subscribers).
Apr 14 05:31:12 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...
Apr 14 05:31:12 garuda daemon.info netopeer2-server[863]: Must condition "/software-inventory/software-slot[name = current()][active = 'false' and running = 'false']" not satisfied, but it is not required.
Apr 14 05:31:12 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.
Apr 14 05:31:12 garuda daemon.info netopeer2-server[863]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 4.
Apr 14 05:31:12 garuda user.notice fw_manager[940]: RPC #4 recieved. xpath -> /o-ran-software-management:software-inventory
Apr 14 05:31:12 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:12 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:12 garuda daemon.info netopeer2-server[863]: Event "operational" with ID 4 succeeded.
Apr 14 05:31:12 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...
Apr 14 05:31:12 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 05:31:12 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 05:31:12 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 05:31:12 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.
Apr 14 05:31:12 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...
Apr 14 05:31:12 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.
Apr 14 05:31:12 garuda daemon.info netopeer2-server[863]: Published event "rpc" "/o-ran-software-management:software-install" with ID 1 priority 0 for 1 subscribers.
Apr 14 05:31:12 garuda user.notice fw_manager[940]: RPC #1 recieved. xpath -> /o-ran-software-management:software-install
Apr 14 05:31:12 garuda user.notice fw_manager[940]: swSlot2 selected
Apr 14 05:31:12 garuda daemon.info netopeer2-server[863]: Event "rpc" with ID 1 priority 0 succeeded.
Apr 14 05:31:12 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...
Apr 14 05:31:12 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.
Apr 14 05:31:12 garuda daemon.info netopeer2-server[863]: Session 2: thread 3 event new RPC.
Apr 14 05:31:13 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:13 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:14 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:14 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:15 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:15 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:31:16 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:16 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:17 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:17 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:18 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:18 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:19 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:19 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:19 garuda user.notice SYNCMNGR[1186]: Received message from S-Plane
Apr 14 05:31:20 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:20 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:21 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:21 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:22 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:22 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:23 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:23 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:24 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:24 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:25 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:25 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.
Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).
Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...
Apr 14 05:31:26 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 05:31:26 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.
Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 1.
Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 1 priority 0 (remaining 0 subscribers).
Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...
Apr 14 05:31:26 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 05:31:26 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.
Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 2.
Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 2 priority 0 (remaining 0 subscribers).
Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...
Apr 14 05:31:26 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 05:31:26 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.
Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 3.
Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 3 priority 0 (remaining 0 subscribers).
Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...
Apr 14 05:31:26 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 05:31:26 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.
Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 4.
Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 4 priority 0 (remaining 0 subscribers).
Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...
Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli_giru-wdm:system-apps/um_manager", but it is not required.

[illegible]

Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 13.

Apr 14 05:31:26 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 13 priority 0 (remaining 0 subscribers).

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:27 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 05:31:27 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 14.

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 14 priority 0 (remaining 0 subscribers).

Apr 14 05:31:27 garuda user.notice fw_manager[940]: RPC #5 recieved. xpath -> /o-ran-software-management:software-inventory

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:27 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 05:31:27 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: Processing "notif" "o-ran-software-management" event with ID 2.

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 2 priority 0 (remaining 0 subscribers).

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:27 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 05:31:27 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 15.

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 15 priority 0 (remaining 0 subscribers).

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: Published event "rpc" "/ietf-netconf:get" with ID 5 priority 0 for 1 subscribers.

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: Processing "/ietf-netconf:get" "rpc" event with ID 5 priority 0 (remaining 1 subscribers).

Apr 14 05:31:27 garuda daemon.info netopeer2-server[863]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 6.

Apr 14 05:31:27 garuda user.notice fw_manager[940]: RPC #6 recieved. xpath -> /o-ran-software-management:software-inventory

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:28 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 05:31:28 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 16.

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 16 priority 0 (remaining 0 subscribers).

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Event "operational" with ID 6 succeeded.

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:28 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 05:31:28 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 05:31:28 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 05:31:28 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Successful processing of "rpc" event with ID 5 priority 0 (remaining 0 subscribers).

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Event "rpc" with ID 5 priority 0 succeeded.

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:28 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 05:31:28 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 05:31:28 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 05:31:28 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Session 2: thread 1 event new RPC.

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:28 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 05:31:28 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 17.

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 17 priority 0 (remaining 0 subscribers).

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:28 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 05:31:28 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 18.

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 18 priority 0 (remaining 0 subscribers).

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:28 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 05:31:28 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 19.

Apr 14 05:31:28 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 19 priority 0 (remaining 0 subscribers).

Apr 14 05:31:29 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:29 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:31:29 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:29 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 05:31:29 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:29 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 20.

Apr 14 05:31:29 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 20 priority 0 (remaining 0 subscribers).

Apr 14 05:31:29 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:29 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:31:29 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:29 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 21.

Apr 14 05:31:29 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 21 priority 0 (remaining 0 subscribers).

Apr 14 05:31:29 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:29 garuda daemon.info netopeer2-server[863]: There is no instance of "/stli_giru-wdm:system-apps/sys_monitor", but it is not required.

required.

Apr 14 05:31:29 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:29 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 22.

Apr 14 05:31:29 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 22 priority 0 (remaining 0 subscribers).

Apr 14 05:31:30 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:30 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:31:30 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:30 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 05:31:30 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:30 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 23.

Apr 14 05:31:30 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 23 priority 0 (remaining 0 subscribers).

Apr 14 05:31:30 garuda daemon.info netopeer2-server[863]: Resolving unresolved data nodes and their constraints...

Apr 14 05:31:30 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 05:31:30 garuda daemon.info netopeer2-server[863]: All data nodes and constraints resolved.

Apr 14 05:31:30 garuda daemon.info netopeer2-server[863]: Processing "notif" "ietf-netconf-notifications" event with ID 24.

Apr 14 05:31:30 garuda daemon.info netopeer2-server[863]: Successful processing of "notif" event with ID 24 priority 0 (remaining 0 subscribers).

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

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

Apr 14 05:31:32 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:32 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:31:33 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:33 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:31:33 garuda daemon.info netopeer2-server[863]: Session 2: thread 4 event new RPC.

Apr 14 05:31:33 garuda daemon.info netopeer2-server[863]: Session 2: thread 4 event session terminated.

Apr 14 05:31:33 garuda daemon.info netopeer2-server[863]: There are no subscribers for "ietf-netconf-notifications" notifications.

Apr 14 05:31:33 garuda daemon.info netopeer2-server[863]: Generated new event (netconf-session-end).

Apr 14 05:31:33 garuda daemon.info netopeer2-server[863]: Call Home client "default-client" session terminated.

Apr 14 05:31:33 garuda daemon.info netopeer2-server[863]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:31:33 garuda daemon.info netopeer2-server[863]: getsockopt() error (Connection refused).

Apr 14 05:31:33 garuda auth.info sshd[6178]: Accepted password for operator from 192.168.22.208 port 34024 ssh2

Apr 14 05:31:33 garuda authpriv.info sshd[6178]: pam_unix(sshd:session): session opened for user operator by (uid=0)

Expected Result : The O-RU NETCONF Server sends

<notification><install-event><status> to the TER NETCONF Client. Field <status>

contains the value COMPLETED to indicate the successful installation of software to the desired slot.

=====
***** **Actual Result** *****
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=====
O-RU Software Update and Install = SUCCESS
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