**@ FILE NAME:   M_CTC_ID_014.txt**

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

**@ Software Release for Garuda_RevD:   v5.0.2**

**Test Description :  This test validates that the O-RU can successfully perform a software**

**download and software install procedure.**

=================================================================================
  ********** Connect to the NETCONF Server **********
=================================================================================
> connect --ssh --host 192.168.4.40 --port 830 --login operator

        Interactive SSH Authentication

        Type your password:

        Password:

        > status

        Current NETCONF session:

        ID      : 63

        Host    : 192.168.4.40

        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,valid
ate,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
<?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>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>5.0.1</build-version>
   <files>
    <name>boot</name>
    <version>1.0.0</version>
    <local-path>/media/sd-mmcblk0p1/BOOT0001.BIN</local-path>
    <integrity>OK</integrity>
   </files>
   <files>
    <name>kernel</name>
    <version>1.0.0</version>
    <local-path>/media/sd-mmcblk0p1/image0001.ub</local-path>
    <integrity>OK</integrity>
   </files>
   <files>
    <name>rootfs</name>
    <version>1.0.0</version>
    <local-path>/media/sd-mmcblk0p2/</local-path>
    <integrity>OK</integrity>
   </files>
  </software-slot>
  <software-slot>
   <name>swSlot2</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>90f0b6c</build-id>
<build-name>Beta Release</build-name>
<build-version>5.0.2</build-version>
<files>
 <name>boot</name>
 <version>1.0.0</version>
 <local-path>/media/sd-mmcblk0p1/BOOT0002.BIN</local-path>
 <integrity>OK</integrity>
</files>
<files>
 <name>kernel</name>
 <version>1.0.0</version>
 <local-path>/media/sd-mmcblk0p1/image0002.ub</local-path>
 <integrity>OK</integrity>
</files>
<files>
 <name>rootfs</name>
 <version>1.0.0</version>
 <local-path>/media/sd-mmcblk0p3/</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>5.0.0</build-version>
 <files>
  <name>boot</name>
  <version>1.0.0</version>
  <local-path>/media/sd-mmcblk0p1/BOOT0003.BIN</local-path>
  <integrity>OK</integrity>
 </files>
 <files>
  <name>kernel</name>
  <version>1.0.0</version>
  <local-path>/media/sd-mmcblk0p1/golden.ub</local-path>
  <integrity>OK</integrity>
 </files>
 <files>
  <name>rootfs</name>
  <version>1.0.0</version>
```

```
  <local-path>/media/sd-mmcblk0p1/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 \*\*\*\*\*\*\*\***
=====================================================================

```xml
<software-download xmlns="urn:o-ran:software-management:1.0">
<remote-file-path>sftp://vvdn@192.168.4.15:22/home/vvdn/Downloads/garuda_image/garuda/giru_RevAll_5.1.2.zip</remote-file-path>
<password>
<password>vvdntech</password>
</password>
<server>
<keys>
<algorithm>secp256r1</algorithm>
<public-key>AAAAB3NzaC1yc2EAAAADAQABAAABAQDec3KRv/wVHKzQqs1k4hZQUGns52IZKQZmncEyR37mFGUK08FTBHSWXzu1
sSwkO7ZeW4zeMAOGNzADveiiwJWweZRn9/Yu/zSI22+j64kfoI7/+VoeSqazHFi/Xw03eHHAxPG7w474Ut1KOO6Mwh19xVy9S8rTwokYfPp
1NhUdAIusMsF6WMSV40bTFQVMMJTqrGlNY3r9AfXaoUWhSpG0hmCoQLbYAf3wRNKydUZE0s8zoKgnszBJ28a+UvPTPz9jdX87yQ1hW
GGr9Vhx6cH1TlHF3fe5iGZdbnJoZYaA/EYJUIwOZfD9DbdgAH/14aYSUiNvo8oSqod/2iz+0tMR</public-key>
</keys>
</server>
</software-download>
```

=====================================================================
**\*\*\*\*\*\*\* RPC Reply \*\*\*\*\*\*\*\***
=====================================================================

```xml
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:fe7d87f1-3d5a-4807-aadc-3abe8e2578e6"><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 &lt;notification&gt;&lt;download-event&gt; with status COMPLETED to TER NETCONF Client**

==============================================================================

&lt;?xml version="1.0" ?&gt;

&lt;notification xmlns="urn:ietf:params:xml:ns:netconf:notification:1.0"&gt;

 &lt;eventTime&gt;2022-08-19T12:43:49Z&lt;/eventTime&gt;

 &lt;download-event xmlns="urn:o-ran:software-management:1.0"&gt;

 &lt;file-name&gt;giru_RevAll_5.1.2.zip&lt;/file-name&gt;

 &lt;status&gt;COMPLETED&lt;/status&gt;

 &lt;/download-event&gt;

&lt;/notification&gt;

==============================================================================

**Step 3 : TER NETCONF Client triggers &lt;rpc&gt;&lt;software-install&gt; Slot must have attributes active = FALSE, running = FALSE.**

==============================================================================

==============================================================================

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

==============================================================================

**&gt; user-rpc**

==============================================================================

==============================================================================

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

==============================================================================

&lt;software-install xmlns="urn:o-ran:software-management:1.0"&gt;

&lt;slot-name&gt;swSlot1&lt;/slot-name&gt;

&lt;file-names&gt;/home/vvdn/Downloads/garuda_image/garuda/giru_RevAll_5.1.2.zip&lt;/file-names&gt;

&lt;/software-install&gt;

==============================================================================

**\*\*\*\*\*\*\* RPC Reply \*\*\*\*\*\*\***

==============================================================================

&lt;nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:67773fc6-6b7b-4097-91d3-ddb3923d06dd"&gt;&lt;status xmlns="urn:o-ran:software-management:1.0"&gt;STARTED&lt;/status&gt;&lt;/nc:rpc-reply&gt;

==============================================================================

**Step 4 and 5 : O-RU NETCONF Server sends &lt;notification&gt;&lt;install-event&gt; with status COMPLETED to TER NETCONF Client**

==============================================================================

&lt;?xml version="1.0" ?&gt;

```xml
<notification xmlns="urn:ietf:params:xml:ns:netconf:notification:1.0">
 <eventTime>2022-08-19T12:44:06Z</eventTime>
 <install-event xmlns="urn:o-ran:software-management:1.0">
  <slot-name>swSlot1</slot-name>
  <status>COMPLETED</status>
 </install-event>
</notification>
```

===============================================================================
## POST GET AFTER INSTALL SW
===============================================================================

===============================================================================

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

```xml
<?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>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>5.1.2</build-version>
   <files>
    <name>boot</name>
    <version>1.0.0</version>
    <local-path>/media/sd-mmcblk0p1/BOOT0001.BIN</local-path>
    <integrity>OK</integrity>
   </files>
   <files>
    <name>kernel</name>
    <version>1.0.0</version>
    <local-path>/media/sd-mmcblk0p1/image0001.ub</local-path>
    <integrity>OK</integrity>
   </files>
   <files>
    <name>rootfs</name>
    <version>1.0.0</version>
    <local-path>/media/sd-mmcblk0p2/</local-path>
    <integrity>OK</integrity>
   </files>
  </software-slot>
  <software-slot>
   <name>swSlot2</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>90f0b6c</build-id>
<build-name>Beta Release</build-name>
<build-version>5.0.2</build-version>
<files>
 <name>boot</name>
 <version>1.0.0</version>
 <local-path>/media/sd-mmcblk0p1/BOOT0002.BIN</local-path>
 <integrity>OK</integrity>
</files>
<files>
 <name>kernel</name>
 <version>1.0.0</version>
 <local-path>/media/sd-mmcblk0p1/image0002.ub</local-path>
 <integrity>OK</integrity>
</files>
<files>
 <name>rootfs</name>
 <version>1.0.0</version>
 <local-path>/media/sd-mmcblk0p3/</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>5.0.0</build-version>
 <files>
  <name>boot</name>
  <version>1.0.0</version>
  <local-path>/media/sd-mmcblk0p1/BOOT0003.BIN</local-path>
  <integrity>OK</integrity>
 </files>
 <files>
  <name>kernel</name>
  <version>1.0.0</version>
  <local-path>/media/sd-mmcblk0p1/golden.ub</local-path>
  <integrity>OK</integrity>
 </files>
 <files>
  <name>rootfs</name>
  <version>1.0.0</version>
```

```
    <local-path>/media/sd-mmcblk0p1/golden.ub</local-path>
    <integrity>OK</integrity>
   </files>
  </software-slot>
 </software-inventory>
</data>
```

```
================================================================================
   ############ SYSTEM LOGS #############
================================================================================
```

Aug 19 12:43:32 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:32 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:32 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:32 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:33 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:33 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:33 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:33 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:34 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:34 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:34 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:34 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:35 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:35 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:35 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:35 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:36 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:36 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:36 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:36 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:37 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:37 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:37 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:37 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:38 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:38 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:38 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:38 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:39 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:39 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:39 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:39 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:40 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:40 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:40 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:40 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:41 garuda user.notice SYNCMNGR[1176]: Received message from S-Plane

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: Accepted a connection on :::830.

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: Session 1959 (user "root", CID 1) created.

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: Received an SSH message "request-service" of subtype "ssh-userauth".

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: Received an SSH message "request-auth" of subtype "password".

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: User "operator" authenticated.

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: Received an SSH message "request-channel-open" of subtype "session".

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: Received an SSH message "request-channel" of subtype "subsystem".

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: Session 1960 (user "root", CID 1) created.

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: There are no subscribers for "ietf-netconf-notifications" notifications.

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: Generated new event (netconf-session-start).

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: Published event "rpc" "/notifications:create-subscription" with ID 13 priority 0 for 1 subscribers.

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: Processing "/notifications:create-subscription" "rpc" event with ID 13 priority 0 (remaining 1 subscribers).

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: Successful processing of "rpc" event with ID 13 priority 0 (remaining 0 subscribers).

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: Event "rpc" with ID 13 priority 0 succeeded.

Aug 19 12:43:41 garuda daemon.info netopeer2-server[853]: Session 63: thread 2 event new RPC.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Published event "rpc" "/ietf-netconf:get" with ID 715 priority 0 for 1 subscribers.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Processing "/ietf-netconf:get" "rpc" event with ID 715 priority 0 (remaining 1 subscribers).

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 20.

Aug 19 12:43:42 garuda user.notice fw_manager[930]: RPC #20 recieved. xpath -> /o-ran-software-management:software-inventory

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Event "operational" with ID 20 succeeded.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: 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.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: 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.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: 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.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Successful processing of "rpc" event with ID 715 priority 0 (remaining 0 subscribers).

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Event "rpc" with ID 715 priority 0 succeeded.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: 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.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: 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.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: 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.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Session 63: thread 1 event new RPC.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Published event "rpc" "/o-ran-software-management:software-download" with ID 2 priority 0 for 1 subscribers.

Aug 19 12:43:42 garuda user.notice fw_manager[930]: RPC #2 recieved. xpath -> /o-ran-software-management:software-download

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Event "rpc" with ID 2 priority 0 succeeded.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:43:42 garuda daemon.info netopeer2-server[853]: Session 63: thread 4 event new RPC.

Aug 19 12:43:43 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:43 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:43 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:43 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:44 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:44 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:44 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:44 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:45 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:45 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:45 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:45 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:46 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:46 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:46 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:46 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:47 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:47 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:47 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:47 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:48 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:48 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:48 garuda user.notice fw_manager[930]: Function isDownloadCompleted setting error code 0

Aug 19 12:43:48 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:48 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:49 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:49 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:49 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:49 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:49 garuda daemon.info netopeer2-server[853]: Processing "notif" "o-ran-software-management" event with ID 1.

Aug 19 12:43:49 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 1 priority 0 (remaining 0 subscribers).

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: Must condition "/software-inventory/software-slot[name = current()][active = 'false' and running = 'false']" not satisfied, but it is not required.

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 21.

Aug 19 12:43:50 garuda user.notice fw_manager[930]: RPC #21 recieved. xpath -> /o-ran-software-management:software-inventory

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: Event "operational" with ID 21 succeeded.

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: 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.

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: 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.

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: 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.

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: Published event "rpc" "/o-ran-software-management:software-install" with ID 2 priority 0 for 1 subscribers.

Aug 19 12:43:50 garuda user.notice fw_manager[930]: RPC #2 recieved. xpath -> /o-ran-software-management:software-install

Aug 19 12:43:50 garuda user.notice fw_manager[930]: swSlot1 selected

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: Event "rpc" with ID 2 priority 0 succeeded.

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: Session 63: thread 4 event new RPC.

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:50 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:51 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:51 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:51 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:51 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:52 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:52 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:52 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:52 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:53 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:53 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:53 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:53 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:54 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:54 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:54 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:54 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:55 garuda user.notice SYNCMNGR[1176]: Received message from S-Plane

Aug 19 12:43:55 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:55 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:55 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:55 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:56 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:56 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:56 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:56 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:57 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:57 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:57 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:57 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:58 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:58 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:58 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:58 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:59 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:59 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:43:59 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:43:59 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:00 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:00 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:00 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:00 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:01 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:01 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:01 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:01 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:02 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:02 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:02 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:02 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:03 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:03 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:03 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:03 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:04 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:04 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:04 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:04 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:05 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:05 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:05 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:05 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:06 garuda user.err FAULT MANAGER[868]: temp value : 74

Aug 19 12:44:06 garuda user.notice fw_manager[930]: RPC #22 recieved. xpath -> /o-ran-software-management:software-inventory

Aug 19 12:44:06 garuda user.err FAULT MANAGER[868]: sendData : Source ID: 1

Aug 19 12:44:06 garuda user.err FAULT MANAGER[868]: sendData : Fault ID: 0

Aug 19 12:44:06 garuda user.err FAULT MANAGER[868]: sendData : FAULT_IS_CLEARED: TRUE

Aug 19 12:44:06 garuda user.err FAULT MANAGER[868]: sendData : FAULT_SEVERITY: 0

Aug 19 12:44:06 garuda user.err FAULT MANAGER[868]: sendData : FAULT_TIME: 2022-08-19T12:44:06Z

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli_giru-wdm:system-apps/fw_manager", but it is not required.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 1.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 1 priority 0 (remaining 0 subscribers).

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli_giru-wdm:system-apps/nw_manager", but it is not required.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 2.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 2 priority 0 (remaining 0 subscribers).

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli_giru-wdm:system-apps/operations_manager", but it is not required.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 3.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 3 priority 0 (remaining 0 subscribers).

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli_giru-wdm:system-apps/pm_manager", but it is not required.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 4.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 4 priority 0 (remaining 0 subscribers).

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli_giru-wdm:system-apps/um_manager", but it is not required.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 5.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 5 priority 0 (remaining 0 subscribers).

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli_giru-wdm:system-apps/sys_monitor", but it is not required.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 6.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 6 priority 0 (remaining 0 subscribers).

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli_giru-wdm:system-apps/fault_manager", but it is not required.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 7.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 7 priority 0 (remaining 0 subscribers).

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli_giru-wdm:system-apps/file_manager", but it is not required.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 8.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 8 priority 0 (remaining 0 subscribers).

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 9.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 9 priority 0 (remaining 0 subscribers).

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli_giru-wdm:system-apps/sync_manager", but it is not required.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 10.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 10 priority 0 (remaining 0 subscribers).

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli_giru-wdm:system-apps/log_manager", but it is not required.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 11.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 11 priority 0 (remaining 0 subscribers).

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli_giru-wdm:system-apps/radio_manager", but it is not required.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 12.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 12 priority 0 (remaining 0 subscribers).

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: There is no leafref "/software-inventory/software-slot/name" with the value "swSlot1", but it is not required.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Processing "notif" "o-ran-software-management" event with ID 2.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 2 priority 0 (remaining 0 subscribers).

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Published event "rpc" "/ietf-netconf:get" with ID 716 priority 0 for 1 subscribers.

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Processing "/ietf-netconf:get" "rpc" event with ID 716 priority 0 (remaining 1 subscribers).

Aug 19 12:44:06 garuda daemon.info netopeer2-server[853]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 23.

Aug 19 12:44:06 garuda user.notice fw_manager[930]: RPC #23 recieved. xpath -> /o-ran-software-management:software-inventory

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: Event "operational" with ID 23 succeeded.

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: 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.

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: 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.

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: 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.

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: Successful processing of "rpc" event with ID 716 priority 0 (remaining 0 subscribers).

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: Event "rpc" with ID 716 priority 0 succeeded.

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: 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.

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: 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.

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: 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.

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: Session 63: thread 0 event new RPC.

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: Session 63: thread 2 event new RPC.

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: Session 63: thread 2 event session terminated.

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: There are no subscribers for "ietf-netconf-notifications" notifications.

Aug 19 12:44:07 garuda daemon.info netopeer2-server[853]: Generated new event (netconf-session-end).

Aug 19 12:44:08 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:08 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:08 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:08 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:09 garuda user.notice SYNCMNGR[1176]: Received message from S-Plane

Aug 19 12:44:09 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:09 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:09 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:09 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:10 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:10 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:10 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:10 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:11 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:11 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:11 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:11 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:12 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:12 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:12 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:12 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:13 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:13 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:13 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:13 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:14 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:14 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:14 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:14 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:15 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:15 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:15 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:15 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:16 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:16 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:16 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:16 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:17 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:17 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:17 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 19 12:44:17 garuda daemon.info netopeer2-server[853]: getsockopt() error (Connection refused).

Aug 19 12:44:17 garuda authpriv.debug sshd[24001]: pam_unix(sshd:account): account operator has password changed in future

Aug 19 12:44:17 garuda auth.info sshd[24001]: Accepted password for operator from 192.168.4.15 port 54202 ssh2

Aug 19 12:44:17 garuda authpriv.info sshd[24001]: 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 *****************
===========================================================================


============================================================================
O-RU Software Update and Install              =          SUCCESS

============================================================================
```