



@ FILE NAME: M_CTC_ID_014.txt

@ TEST SCOPE: M PLANE O-RAN CONFORMANCE

@ Software Release for LPRU: v1.0.11

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 192.168.4.56 --port 830 --login operator

Interactive SSH Authentication

Type your password:

Password:

> status

Current NETCONF session:

ID : 1

Host : 192.168.4.56

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,xpathurn: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>false</active>
<running>false</running>
<access>READ_WRITE</access>
<product-code>VVDN=O-RU</product-code>
<vendor-code>VN</vendor-code>
<build-id>factory_img</build-id>
<build-name>Beta Release</build-name>
<build-version>1.0.7</build-version>
<files>
<name>boot</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcb1k0p1/BOOT0001.BIN</local-path>
<integrity>OK</integrity>
</files>
<files>
<name>kernel</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcb1k0p1/image0001.ub</local-path>
<integrity>OK</integrity>
</files>
<files>
<name>rootfs</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcb1k0p2/</local-path>
<integrity>OK</integrity>
</files>
</software-slot>
<software-slot>
<name>swSlot2</name>
<status>VALID</status>
<active>true</active>
<running>true</running>
<access>READ_WRITE</access>
<product-code>VVDN O-RU</product-code>
```

```
<vendor-code>VN</vendor-code>
<build-id>90f0b6c</build-id>
<build-name>Beta Release</build-name>
<build-version>1.0.11</build-version>
<files>
<name>boot</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcbk0p1/BOOT0002.BIN</local-path>
<integrity>OK</integrity>
</files>
<files>
<name>kernel</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcbk0p1/image0002.ub</local-path>
<integrity>OK</integrity>
</files>
<files>
<name>rootfs</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcbk0p3/</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>VVDN=O-RU</product-code>
<vendor-code>VN</vendor-code>
<build-id>factory_img</build-id>
<build-name>Beta Release</build-name>
<build-version>1.0.7</build-version>
<files>
<name>boot</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcbk0p1/BOOT0003.BIN</local-path>
<integrity>OK</integrity>
</files>
<files>
<name>kernel</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcbk0p1/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@192.168.4.15:22/home/vvdn/Downloads/LPRU_images/VVDN_LPRU_REVC_CUSTOM_v1.1.0.zip</remote-file
-path>
<password>
<password>vvdntech</password>
</password>
<server>
<keys>
<algorithm>secp256r1</algorithm>
<public-key>AAAAB3NzaC1yc2EAAAADAQABAAQAC0EVfAv8Ml4ZsCWkGxxv36AwuOewJuHXxsiJDNYet2n02N9cbZgifa+Lt0ni4dG
jERFEq2YZCnaX4cuFnsLq8bUjBAuy0hyU2ACb5FohzIbZnMW4cUGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4c6
2h6I9O/wt2hq8RMAC8PT1JAeVebylIrKbcI5g3N2NI6D8OGD0Coick7iczIlor/9ylshjdgiQdi8Bxnq9NhxD0zA2WvQI9eytlvut/uA6KWaiwF9C+O
C7FhIf1O7jDoYXvZUIQa90c0EG4O962JB3SYxWchl4gYxmr6zAtu3TT4j</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:72602f7a-8dfa-4e9c-b40f-b6ad5f8cb71b"><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>2000-11-04T00:12:25Z</eventTime>
<download-event xmlns="urn:o-ran:software-management:1.0">
<file-name>VVDN_LPRU_REVC_CUSTOM_v1.1.0.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	=	false	false
2	swSlot2	=	true	true

> user-rpc

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

```
<software-install xmlns="urn:o-ran:software-management:1.0">
<slot-name>swSlot1</slot-name>
<file-names>/home/vvvn/Downloads/LPRU_images/VVDN_LPRU_REVC_CUSTOM_v1.1.0.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:1b273686-b45f-4183-8374-db01a489c73c"><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>2000-11-04T00:12:40Z</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 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>VVDN O-RU</product-code>
<vendor-code>VN</vendor-code>
<build-id>90f0b6c</build-id>
<build-name>Beta Release</build-name>
<build-version>1.1.0</build-version>
<files>
<name>boot</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcb1k0p1/BOOT0001.BIN</local-path>
<integrity>OK</integrity>
</files>
<files>
<name>kernel</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcb1k0p1/image0001.ub</local-path>
<integrity>OK</integrity>
</files>
<files>
<name>rootfs</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcb1k0p2/</local-path>
<integrity>OK</integrity>
</files>
</software-slot>
<software-slot>
<name>swSlot2</name>
<status>VALID</status>
<active>true</active>
<running>true</running>
<access>READ_WRITE</access>
<product-code>VVDN O-RU</product-code>
```



```
<vendor-code>VN</vendor-code>
<build-id>90f0b6c</build-id>
<build-name>Beta Release</build-name>
<build-version>1.0.11</build-version>
<files>
<name>boot</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcbk0p1/BOOT0002.BIN</local-path>
<integrity>OK</integrity>
</files>
<files>
<name>kernel</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcbk0p1/image0002.ub</local-path>
<integrity>OK</integrity>
</files>
<files>
<name>rootfs</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcbk0p3/</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>VVDN=O-RU</product-code>
<vendor-code>VN</vendor-code>
<build-id>factory_img</build-id>
<build-name>Beta Release</build-name>
<build-version>1.0.7</build-version>
<files>
<name>boot</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcbk0p1/BOOT0003.BIN</local-path>
<integrity>OK</integrity>
</files>
<files>
<name>kernel</name>
<version>1.0.0</version>
<local-path>/media/sd-mmcbk0p1/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>
```

=====

SYSTEM LOGS

=====

Nov 4 00:12:14 vvdn_lpru daemon.info netopeer2-server[1186]: Trying to connect via IPv4 to 192.168.4.15:4334.

Nov 4 00:12:14 vvdn_lpru daemon.info netopeer2-server[1186]: getsockopt() error (Connection refused).

Nov 4 00:12:15 vvdn_lpru daemon.info netopeer2-server[1186]: Trying to connect via IPv4 to 192.168.4.15:4334.

Nov 4 00:12:15 vvdn_lpru daemon.info netopeer2-server[1186]: getsockopt() error (Connection refused).

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Trying to connect via IPv4 to 192.168.4.15:4334.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Successfully connected to 192.168.4.15:4334 over IPv4.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Session 86 (user "root", CID 81) created.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Received an SSH message "request-service" of subtype "ssh-userauth".

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Received an SSH message "request-auth" of subtype "password".

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: User "operator" authenticated.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Received an SSH message "request-channel-open" of subtype "session".

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Received an SSH message "request-channel" of subtype "subsystem".

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Call Home client "default-client" session 1 established.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Session 87 (user "root", CID 81) created.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: There are no subscribers for "ietf-netconf-notifications" notifications.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Generated new event (netconf-session-start).

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Published event "rpc" "/ietf-netconf:get" with ID 1 priority 0 for 1 subscribers.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "/ietf-netconf:get" "rpc" event with ID 1 priority 0 (remaining 1 subscribers).

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "rpc" event with ID 1 priority 0 (remaining 0 subscribers).

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Event "rpc" with ID 1 priority 0 succeeded.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Session 1: thread 1 event new RPC.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Published event "rpc" "/ietf-netconf:get" with ID 2 priority 0 for 1 subscribers.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "/ietf-netconf:get" "rpc" event with ID 2 priority 0 (remaining 1 subscribers).

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-keystore:keystore/ietf-keystore:asymmetric-keys/ietf-keystore:asymmetric-key/ietf-keystore:name" with the value "genkey", but it is not required.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-keystore:keystore/ietf-keystore:asymmetric-keys/ietf-keystore:asymmetric-key/ietf-keystore:name" with the value "genkey", but it is not required.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-interfaces:interfaces/ietf-interfaces:interface/ietf-interfaces:name" with the value "eth0", but it is not required.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-interfaces:interfaces/ietf-interfaces:interface[ietf-interfaces:name =
current()/../interface-name]/o-ran-interfaces:port-reference/o-ran-interfaces:port-number" with the value "0", bu

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 1.

Nov 4 00:12:16 vvdn_lpru user.notice fw_manager[1256]: RPC #1 recieved. xpath -> /o-ran-software-management:software-inventory

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Event "operational" with ID 1 succeeded.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN O-RU", but it is not required.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "rpc" event with ID 2 priority 0 (remaining 0 subscribers).

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Event "rpc" with ID 2 priority 0 succeeded.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN O-RU", but it is not required.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Session 1: thread 2 event new RPC.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Published event "rpc" "/ietf-netconf:get-config" with ID 1 priority 0 for 1 subscribers.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "/ietf-netconf:get-config" "rpc" event with ID 1 priority 0 (remaining 1 subscribers).

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "rpc" event with ID 1 priority 0 (remaining 0 subscribers).

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Event "rpc" with ID 1 priority 0 succeeded.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:16 vvdn_lpru daemon.info netopeer2-server[1186]: Session 1: thread 4 event new RPC.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Published event "rpc" "/notifications:create-subscription" with ID 1 priority 0 for 1 subscribers.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "/notifications:create-subscription" "rpc" event with ID 1 priority 0 (remaining 1 subscribers).

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "rpc" event with ID 1 priority 0 (remaining 0 subscribers).

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Event "rpc" with ID 1 priority 0 succeeded.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Session 1: thread 2 event new RPC.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: There is no instance of "/vvdn_lpru-wdm:system-apps/supervision", but it is not required.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "notif" "ietf-netconf-notifications" event with ID 1.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "notif" event with ID 1 priority 0 (remaining 0 subscribers).

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Published event "rpc" "/ietf-netconf:get" with ID 3 priority 0 for 1 subscribers.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "/ietf-netconf:get" "rpc" event with ID 3 priority 0 (remaining 1 subscribers).

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 2.

Nov 4 00:12:17 vvdn_lpru user.notice fw_manager[1256]: RPC #2 recieved. xpath -> /o-ran-software-management:software-inventory

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Event "operational" with ID 2 succeeded.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN O-RU", but it is not required.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "rpc" event with ID 3 priority 0 (remaining 0 subscribers).

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Event "rpc" with ID 3 priority 0 succeeded.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN O-RU", but it is not required.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Session 1: thread 2 event new RPC.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: There is no instance of "/vvdn_lpru-wdm:system-apps/pm_manager", but it is not required.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "notif" "ietf-netconf-notifications" event with ID 2.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "notif" event with ID 2 priority 0 (remaining 0 subscribers).

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Published event "rpc" "/o-ran-software-management:software-download" with ID 1 priority 0 for 1 subscribers.

Nov 4 00:12:17 vvdn_lpru user.notice fw_manager[1256]: RPC #1 recieved. xpath -> /o-ran-software-management:software-download

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Event "rpc" with ID 1 priority 0 succeeded.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:17 vvdn_lpru daemon.info netopeer2-server[1186]: Session 1: thread 4 event new RPC.

Nov 4 00:12:18 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:18 vvdn_lpru daemon.info netopeer2-server[1186]: There is no instance of "/vvdn_lpru-wdm:system-apps/sys_monitor", but it is not required.

Nov 4 00:12:18 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:18 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "notif" "ietf-netconf-notifications" event with ID 3.

Nov 4 00:12:18 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "notif" event with ID 3 priority 0 (remaining 0 subscribers).

Nov 4 00:12:18 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:18 vvdn_lpru daemon.info netopeer2-server[1186]: There is no instance of "/vvdn_lpru-wdm:system-apps/nw_manager", but it is not required.

Nov 4 00:12:18 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:18 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "notif" "ietf-netconf-notifications" event with ID 4.

Nov 4 00:12:18 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "notif" event with ID 4 priority 0 (remaining 0 subscribers).

Nov 4 00:12:18 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:18 vvdn_lpru daemon.info netopeer2-server[1186]: There is no instance of "/vvdn_lpru-wdm:system-apps/log_manager", but it is not required.

Nov 4 00:12:18 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:18 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "notif" "ietf-netconf-notifications" event with ID 5.

Nov 4 00:12:18 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "notif" event with ID 5 priority 0 (remaining 0 subscribers).

Nov 4 00:12:19 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:19 vvdn_lpru daemon.info netopeer2-server[1186]: There is no instance of "/vvdn_lpru-wdm:system-apps/fault_manager", but it is not required.

Nov 4 00:12:19 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:19 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "notif" "ietf-netconf-notifications" event with ID 6.

Nov 4 00:12:19 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "notif" event with ID 6 priority 0 (remaining 0 subscribers).

Nov 4 00:12:19 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:19 vvdn_lpru daemon.info netopeer2-server[1186]: There is no instance of "/vvdn_lpru-wdm:system-apps/radio_manager", but it is not required.

Nov 4 00:12:19 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:19 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "notif" "ietf-netconf-notifications" event with ID 7.

Nov 4 00:12:19 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "notif" event with ID 7 priority 0 (remaining 0 subscribers).

Nov 4 00:12:19 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:19 vvdn_lpru daemon.info netopeer2-server[1186]: There is no instance of "/vvdn_lpru-wdm:system-apps/um_manager", but it is not required.

Nov 4 00:12:19 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:19 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "notif" "ietf-netconf-notifications" event with ID 8.

Nov 4 00:12:19 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "notif" event with ID 8 priority 0 (remaining 0 subscribers).

Nov 4 00:12:20 vvdn_lpru user.notice SYNCMNGR[1502]: Received message from S-Plane

Nov 4 00:12:20 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:20 vvdn_lpru daemon.info netopeer2-server[1186]: There is no instance of "/vvdn_lpru-wdm:system-apps/fw_manager", but it is not required.

Nov 4 00:12:20 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:20 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "notif" "ietf-netconf-notifications" event with ID 9.

Nov 4 00:12:20 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "notif" event with ID 9 priority 0 (remaining 0 subscribers).

Nov 4 00:12:20 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:20 vvdn_lpru daemon.info netopeer2-server[1186]: There is no instance of "/vvdn_lpru-wdm:system-apps/sync_manager", but it is not required.

Nov 4 00:12:20 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:20 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "notif" "ietf-netconf-notifications" event with ID 10.

Nov 4 00:12:20 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "notif" event with ID 10 priority 0 (remaining 0 subscribers).

Nov 4 00:12:21 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:21 vvdn_lpru daemon.info netopeer2-server[1186]: There is no instance of "/vvdn_lpru-wdm:system-apps/operations_manager", but it is not required.

Nov 4 00:12:21 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:21 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "notif" "ietf-netconf-notifications" event with ID 11.

Nov 4 00:12:21 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "notif" event with ID 11 priority 0 (remaining 0 subscribers).

Nov 4 00:12:23 vvdn_lpru user.notice fw_manager[1256]: Function isDownloadCompleted setting error code 0

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "notif" "o-ran-software-management" event with ID 1.

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "notif" event with ID 1 priority 0 (remaining 0 subscribers).

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: Must condition "/software-inventory/software-slot[name = current()][active =

'false' and running = 'false']" not satisfied, but it is not required.

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 3.

Nov 4 00:12:25 vvdn_lpru user.notice fw_manager[1256]: RPC #3 recieved. xpath -> /o-ran-software-management:software-inventory

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: Event "operational" with ID 3 succeeded.

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref

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

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref

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

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref

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

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: Published event "rpc" "/o-ran-software-management:software-install" with ID 1 priority 0 for 1 subscribers.

Nov 4 00:12:25 vvdn_lpru user.notice fw_manager[1256]: RPC #1 recieved. xpath -> /o-ran-software-management:software-install

Nov 4 00:12:25 vvdn_lpru user.notice fw_manager[1256]: swSlot1 selected

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: Event "rpc" with ID 1 priority 0 succeeded.

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:25 vvdn_lpru daemon.info netopeer2-server[1186]: Session 1: thread 4 event new RPC.

Nov 4 00:12:34 vvdn_lpru user.notice SYNCMNGR[1502]: Received message from S-Plane

Nov 4 00:12:40 vvdn_lpru user.notice fw_manager[1256]: RPC #4 recieved. xpath -> /o-ran-software-management:software-inventory

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref "/software-inventory/software-slot/name" with the value "swSlot1", but it is not required.

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "notif" "o-ran-software-management" event with ID 2.

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "notif" event with ID 2 priority 0 (remaining 0 subscribers).

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: Published event "rpc" "/ietf-netconf:get" with ID 4 priority 0 for 1 subscribers.

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: Processing "/ietf-netconf:get" "rpc" event with ID 4 priority 0 (remaining 1 subscribers).

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 5.

Nov 4 00:12:41 vvdn_lpru user.notice fw_manager[1256]: RPC #5 recieved. xpath -> /o-ran-software-management:software-inventory

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: Event "operational" with ID 5 succeeded.

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref

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

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref

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

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: Successful processing of "rpc" event with ID 4 priority 0 (remaining 0 subscribers).

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: Event "rpc" with ID 4 priority 0 succeeded.

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: Resolving unresolved data nodes and their constraints...

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN O-RU", but it is not required.

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN O-RU", but it is not required.

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: All data nodes and constraints resolved.

Nov 4 00:12:41 vvdn_lpru daemon.info netopeer2-server[1186]: Session 1: thread 4 event new RPC.

Nov 4 00:12:46 vvdn_lpru daemon.info netopeer2-server[1186]: Session 1: thread 3 event new RPC.

Nov 4 00:12:46 vvdn_lpru daemon.info netopeer2-server[1186]: Session 1: thread 3 event session terminated.

Nov 4 00:12:46 vvdn_lpru daemon.info netopeer2-server[1186]: There are no subscribers for "ietf-netconf-notifications" notifications.

Nov 4 00:12:46 vvdn_lpru daemon.info netopeer2-server[1186]: Generated new event (netconf-session-end).

Nov 4 00:12:46 vvdn_lpru daemon.info netopeer2-server[1186]: Call Home client "default-client" session terminated.

Nov 4 00:12:46 vvdn_lpru daemon.info netopeer2-server[1186]: Trying to connect via IPv4 to 192.168.4.15:4334.

Nov 4 00:12:46 vvdn_lpru daemon.info netopeer2-server[1186]: getsockopt() error (Connection refused).

Nov 4 00:12:46 vvdn_lpru authpriv.debug sshd[11642]: pam_unix(sshd:account): account operator has password changed in future

Nov 4 00:12:46 vvdn_lpru auth.info sshd[11642]: Accepted password for operator from 192.168.4.15 port 57608 ssh2

Nov 4 00:12:46 vvdn_lpru authpriv.info sshd[11642]: 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.

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***** Actual Result *****

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O-RU Software Update and Install = SUCCESS

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