



@ FILE NAME: M_FTC_ID_097.txt

@ TEST SCOPE: M PLANE O-RAN FUNCTIONAL

@ Software Release for garuda: v5.0.2

Test Description: Test for failed software download due to AUTHENTICATION_ERROR during the process.



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

> connect --ssh --host 192.168.4.65 --port 830 --login operator

Interactive SSH Authentication

Type your password:

Password:

> status

Current NETCONF session:

ID : 7

Host : 192.168.4.65

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 & also-supported = report-all-tagge

 $urn: ietf: params: netconf: capability: notification: 1.0 \ urn: ietf: params: netconf: capability: interleave: 1.0 \ urn: ietf: params: netconf: params: netc$

urn: ietf: params: xml: ns: yang: ietf-yang-metadata? module = ietf-yang-metadata & revision = 2016-08-05 + 1000

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 = ietf-netconf & revision = 2013-09-29 & features = writable-running, candidate, rollback-on-error, valid = ietf-netconf & revision = 2013-09-29 & features = writable-running, candidate, rollback-on-error, valid = ietf-netconf & revision = 2013-09-29 & features = writable-running, candidate, rollback-on-error, valid = ietf-netconf & revision = 2013-09-29 & features = writable-running, candidate, rollback-on-error, valid = ietf-netconf & revision = 2013-09-29 & features = writable-running, candidate, rollback-on-error, valid = ietf-netconf & revision = 2013-09-29 & features = writable-running, candidate, rollback-on-error, valid = ietf-netconf & revision = ietf-netconf & revision

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 + 100

urn:ietf:params:xml:ns:yang:iana-crypt-hash?module=iana-crypt-hash&revision=2014-08-06 urn:notification_history?module=notification_history urn:ietf:params:xml:ns:yang:iana-if-type?module=iana-if-type&revision=2017-01-19

> subscribe

Ok



Initial Get Filter

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

```
<?xml version="1.0" ?>
<data xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0">
<software-inventory xmlns="urn:o-ran:software-management:1.0">
<software-slot>
 <name>swSlot1</name>
 <status>VALID</status>
 <active>true</active>
 <running>true</running>
 <access>READ_WRITE</access>
 cproduct-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/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>false</active>
```

<running>false</running>

cproduct-code/>

<access>READ_WRITE</access>



<build-id/> <build-name/> <build-version/> <files> <name>boot</name> <version/> <local-path>/media/sd-mmcblk0p1/BOOT0002.BIN</local-path> <integrity>NOK</integrity> </files> <files> <name>kernel</name> <version/> <local-path>/media/sd-mmcblk0p1/image0002.ub</local-path> <integrity>NOK</integrity> </files> <files> <name>rootfs</name> <version/> <local-path>/media/sd-mmcblk0p3/</local-path> <integrity>NOK</integrity> </files> </software-slot> <software-slot> <name>swRecoverySlot</name> <status>VALID</status> <active>false</active> <running>false</running> <access>READ_ONLY</access> cproduct-code>STL=O-RU <vendor-code>VN</vendor-code> <build-id>factory_img</build-id> <build-name>Beta Release</build-name> <build-version>1.3.4</build-version> <files> <name>boot</name> <version>1.0.0</version> <local-path>/media/sd-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>
Step 1 : TER NETCONF Client triggers <rpc><software-download></software-download></rpc>
> user-rpc
****** Replace with below xml *******
<software-download xmlns="urn:o-ran:software-management:1.0"></software-download>
$<\!$
<pre><password></password></pre>
<pre><password>vvdntech</password></pre>
<server></server>
<keys></keys>
<algorithm>secp256r1</algorithm>
$<\!public-key\!>\!AAAAB3NzaC1yc2EAAAADAQABAAABAQC0EVfAv8Ml4ZsCWkGxxv36AwuOewJuHXxsiJDNYet2n02N9cbZgifa+Lt0ni4comJuHxxsiJDNYet2n02N9cbZgifa+Lt0ni4comJuHxxsiJDNYet2n02N9cbZgifa+Lt0ni4comJuHxxsiJDNYet2n02N9cbZgifa+Lt0ni4comJuHxxsiJDNYet2n02N9cbZgifa+Lt0ni4comJuHxxsiJDNYet2n02N9cbZgifa+Lt0ni4comJuHxxsiJDNYet2n02N9cbZgifa+Lt0ni4comJuHxxsiJDNYet2n02N9cbZgifa+Lt0ni4comJuHxxsiJDNYet2n02N9cbZgifa+$
jERFEq2YZCnaX4cuFnsLq8bUjBAuy0hyU2ACb5FohzIbZnMW4cUGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4cuGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4cuGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4cuGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4cuGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4cuGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4cuGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4cuGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4cuGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4cuGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4cuGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4cuGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4cuGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4cuGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4cuGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4cuGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4cuGkkFu453vTMA/SIZU47wK7Q5HbrTcJefuDkIUwPb+tnP7iT9T7YMx4cuGkkfu450wWhy4cuGkkfu450wWhy4cuGkkfu450wWhy4cuGkkfu450wWhy4cuGkkfu450wWhy4cuGkkfu450wWhy4cuGkkfu450wWhy4cuGkkfu450wWhy4cuGkkfu450wWhy4cuGkkfu450wWhy4cuGkkfu450wWhy4cuGkkfu450wWhy4cuGkkfu450wWhy4cuGkkfu450wWhy4cuGkkfu450wWhy4cuGkfu
2h6I9O/wt2hq8RMAC8PT1JAeVebylIrKbcI5g3N2NI6D8OGD0Coick7iczIlor/9ylshjdgiQdi8Bxnq9NhzD0zA2WvQI9eytlvut/uA6KWaiwF9C+1000000000000000000000000000000000000
C7FhIf1O7jDoYXvZUlQa90c0EG4O962JB3SYxWchl4gYxmr6zAtu3TT4j
******* RPC Reply *******
course really understand the consequent and beautiful managed in the managed in the color of the
<nc:rpc-reply message-id="urn:uuid:cb6cc0c8-e549-4897-a2c8-9357d0fd56ef" xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"><status< td=""></status<></nc:rpc-reply>
xmlns="urn:o-ran:software-management:1.0">STARTED <notification-timeout< td=""></notification-timeout<>
xmlns="urn:o-ran:software-management:1.0">30



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>2105-12-20T15:39:30Z</eventTime> <download-event xmlns="urn:o-ran:software-management:1.0"> <file-name>giru_RevAll_5.0.2.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** swSlot1 true true 2 swSlot2 false false > user-rpc ****** Replace with below xml ****** <software-install xmlns="urn:o-ran:software-management:1.0"> <slot-name>swSlot2</slot-name> </software-install> ***** RPC Reply ****** ______ <nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:cd3a0132-f1a5-4d58-81af-55b0513c902f"><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>2105-12-20T15:39:37Z</eventTime>
- <install-event xmlns="urn:o-ran:software-management:1.0">
- <slot-name>swSlot2</slot-name>
- <status>APPLICATION_ERROR</status>
- <error-message>Given build already exists in slot 1
- </error-message>
- </install-event>
- </notification>



POST GET AFTER INSTALL SW

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

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

- <data xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0">
- <software-inventory xmlns="urn:o-ran:software-management:1.0">
- <software-slot>
- <name>swSlot1</name>
- <status>VALID</status>
- <active>true</active>
- <running>true</running>
- <access>READ_WRITE</access>
- cproduct-code>STL O-RU
- <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/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>false</active>
- <running>false</running>
- <access>READ_WRITE</access>
- cproduct-code/>



<build-id/> <build-name/> <build-version/> <files> <name>boot</name> <version/> <local-path>/media/sd-mmcblk0p1/BOOT0002.BIN</local-path> <integrity>NOK</integrity> </files> <files> <name>kernel</name> <version/> <local-path>/media/sd-mmcblk0p1/image0002.ub</local-path> <integrity>NOK</integrity> </files> <files> <name>rootfs</name> <version/> <local-path>/media/sd-mmcblk0p3/</local-path> <integrity>NOK</integrity> </files> </software-slot> <software-slot> <name>swRecoverySlot</name> <status>VALID</status> <active>false</active> <running>false</running> <access>READ_ONLY</access> cproduct-code>STL=O-RU <vendor-code>VN</vendor-code> <build-id>factory_img</build-id> <build-name>Beta Release</build-name> <build-version>1.3.4</build-version> <files> <name>boot</name> <version>1.0.0</version> <local-path>/media/sd-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>

</software-slot>

</software-inventory>

</data>



- Dec 20 15:39:19 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.
- Dec 20 15:39:19 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).
- Dec 20 15:39:19 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.
- Dec 20 15:39:19 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).
- Dec 20 15:39:20 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.
- Dec 20 15:39:20 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).
- Dec 20 15:39:20 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.
- Dec 20 15:39:20 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Successfully connected to 192.168.4.15:4334 over IPv4.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Session 760 (user "root", CID 1) created.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Received an SSH message "request-service" of subtype "ssh-userauth".
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Received an SSH message "request-auth" of subtype "password".
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: User "operator" authenticated.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Received an SSH message "request-channel-open" of subtype "session".
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Received an SSH message "request-channel" of subtype "subsystem".
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Call Home client "default-client" session 7 established.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Session 761 (user "root", CID 1) created.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: There are no subscribers for "ietf-netconf-notifications" notifications.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Generated new event (netconf-session-start).
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Published event "rpc" "/ietf-netconf:get" with ID 20 priority 0 for 1 subscribers.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Processing "/ietf-netconf:get" "rpc" event with ID 20 priority 0 (remaining 1 subscribers).
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Successful processing of "rpc" event with ID 20 priority 0 (remaining 0 subscribers).
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Event "rpc" with ID 20 priority 0 succeeded.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Session 7: thread 3 event new RPC.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Published event "rpc" "/ietf-netconf:get" with ID 21 priority 0 for 1 subscribers.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Processing "/ietf-netconf:get" "rpc" event with ID 21 priority 0 (remaining 1 subscribers).
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: There is no leafref
- "/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.
- Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: There is no leafref



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

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 16.

Dec 20 15:39:21 garuda user.notice fw_manager[929]: RPC #16 recieved. xpath -> /o-ran-software-management:software-inventory

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Event "operational" with ID 16 succeeded.

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: 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.

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: There is no leafref

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

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: 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.

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Successful processing of "rpc" event with ID 21 priority 0 (remaining 0 subscribers).

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Event "rpc" with ID 21 priority 0 succeeded.

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: 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.

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: There is no leafref

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

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: 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.

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Session 7: thread 3 event new RPC.

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

 $Dec\ 20\ 15:39:21\ garuda\ daemon. info\ net opeer 2-server [852]: Published\ event\ "rpc"\ "/ietf-net config"\ with\ ID\ 7\ priority\ 0\ for\ 1\ subscribers.$

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Processing "/ietf-netconf:get-config" "rpc" event with ID 7 priority 0 (remaining 1 subscribers).

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Successful processing of "rpc" event with ID 7 priority 0 (remaining 0 subscribers).

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Event "rpc" with ID 7 priority 0 succeeded.

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

 $Dec\ 20\ 15:39:21\ garuda\ daemon. info\ net opeer 2-server [852]:\ All\ data\ nodes\ and\ constraints\ resolved.$

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: There is no leafref

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

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: There is no leafref

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

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:21 garuda daemon.info netopeer2-server[852]: Session 7: thread 0 event new RPC.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.



Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Published event "rpc" "/notifications:create-subscription" with ID 7 priority 0 for 1 subscribers.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Processing "/notifications:create-subscription" "rpc" event with ID 7 priority 0 (remaining 1 subscribers).

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Successful processing of "rpc" event with ID 7 priority 0 (remaining 0 subscribers).

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Event "rpc" with ID 7 priority 0 succeeded.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Session 7: thread 0 event new RPC.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Published event "rpc" "/ietf-netconf:get" with ID 22 priority 0 for 1 subscribers.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Processing "/ietf-netconf:get" "rpc" event with ID 22 priority 0 (remaining 1 subscribers).

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 17.

Dec 20 15:39:22 garuda user.notice fw_manager[929]: RPC #17 recieved. xpath -> /o-ran-software-management:software-inventory

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Event "operational" with ID 17 succeeded.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: 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.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: There is no leafref

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

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: 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.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Successful processing of "rpc" event with ID 22 priority 0 (remaining 0 subscribers).

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Event "rpc" with ID 22 priority 0 succeeded.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: 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.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: There is no leafref

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

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: 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.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Session 7: thread 2 event new RPC.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Published event "rpc" "/o-ran-software-management:software-download" with ID 7 priority 0 for 1 subscribers.

Dec 20 15:39:22 garuda user.notice fw_manager[929]: RPC #7 recieved. xpath -> /o-ran-software-management:software-download

Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Event "rpc" with ID 7 priority 0 succeeded.



- Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...
- Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.
- Dec 20 15:39:22 garuda daemon.info netopeer2-server[852]: Session 7: thread 1 event new RPC.
- Dec 20 15:39:23 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...
- Dec 20 15:39:23 garuda daemon.info netopeer2-server[852]: There is no instance of "/stli_giru-wdm:system-apps/nw_manager", but it is not required.
- Dec 20 15:39:23 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.
- Dec 20 15:39:23 garuda daemon.info netopeer2-server[852]: Processing "notif" "ietf-netconf-notifications" event with ID 1.
- Dec 20 15:39:23 garuda daemon.info netopeer2-server[852]: Successful processing of "notif" event with ID 1 priority 0 (remaining 0 subscribers).
- Dec 20 15:39:23 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.
- Dec 20 15:39:23 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).
- Dec 20 15:39:23 garuda user.notice SYNCMNGR[1175]: Received message from S-Plane
- Dec 20 15:39:23 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...
- Dec 20 15:39:23 garuda daemon.info netopeer2-server[852]: There is no instance of "/stli_giru-wdm:system-apps/radio_manager", but it is not required.
- Dec 20 15:39:23 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.
- Dec 20 15:39:23 garuda daemon.info netopeer2-server[852]: Processing "notif" "ietf-netconf-notifications" event with ID 2.
- Dec 20 15:39:23 garuda daemon.info netopeer2-server[852]: Successful processing of "notif" event with ID 2 priority 0 (remaining 0 subscribers).
- Dec 20 15:39:24 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.
- Dec 20 15:39:24 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).
- Dec 20 15:39:25 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.
- Dec 20 15:39:25 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).
- Dec 20 15:39:26 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.
- Dec 20 15:39:26 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).
- Dec 20 15:39:27 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.
- Dec 20 15:39:27 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).
- Dec 20 15:39:28 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.
- Dec 20 15:39:28 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).
- Dec 20 15:39:28 garuda user.notice fw_manager[929]: Function isDownloadCompleted setting error code 0
- Dec 20 15:39:29 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.
- Dec 20 15:39:29 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).
- $Dec\ 20\ 15:39:30\ garuda\ daemon. info\ net opeer 2-server [852]:\ Processing\ "notif"\ "o-ran-software-management"\ event\ with\ ID\ 1.$
- Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: Successful processing of "notif" event with ID 1 priority 0 (remaining 0 subscribers).
- Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.
- Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).
- Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...
- Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: Must condition "/software-inventory/software-slot[name = current()][active = 'false' and running = 'false']" not satisfied, but it is not required.
- Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.
- Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 18.
- Dec 20 15:39:30 garuda user.notice fw_manager[929]: RPC #18 recieved. xpath -> /o-ran-software-management:software-inventory
- Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: Event "operational" with ID 18 succeeded.
- Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...
- Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: 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.
- Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: There is no leafref
- "/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "", but it is not required.
- Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: 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.

Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: Published event "rpc" "/o-ran-software-management:software-install" with ID 2 priority 0 for 1 subscribers.

Dec 20 15:39:30 garuda user.notice fw_manager[929]: RPC #2 recieved. xpath -> /o-ran-software-management:software-install

Dec 20 15:39:30 garuda user.notice fw_manager[929]: swSlot2 selected

Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: Event "rpc" with ID 2 priority 0 succeeded.

Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:30 garuda daemon.info netopeer2-server[852]: Session 7: thread 2 event new RPC.

Dec 20 15:39:31 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.

Dec 20 15:39:31 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).

Dec 20 15:39:32 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.

Dec 20 15:39:32 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).

Dec 20 15:39:33 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.

Dec 20 15:39:33 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).

Dec 20 15:39:34 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.

Dec 20 15:39:34 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).

Dec 20 15:39:34 garuda daemon.info dhclient: DHCPREQUEST for 192.168.4.65 on eth0 to 192.168.4.15 port 67

Dec 20 15:39:34 garuda daemon.info dhclient: DHCPACK of 192.168.4.65 from 192.168.4.15

Dec 20 15:39:35 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.

Dec 20 15:39:35 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).

Dec 20 15:39:35 garuda user.info nw_manager[881]: IFMNGR: EVENT change CHANGES: for module name: ietf-interfaces

Dec 20 15:39:35 garuda user.info nw_manager[881]: IFMNGR: EVENT done CHANGES: for module name: ietf-interfaces

Dec 20 15:39:35 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:35 garuda daemon.info netopeer2-server[852]: There is no instance of

"/ietf-interfaces: interfaces/interface[name='eth0']/ietf-ip:ipv4/address[ip='192.168.4.65']", but it is not required.

Dec 20 15:39:35 garuda daemon.info netopeer2-server[852]: There is no instance of

"/ietf-interfaces:interfaces/interface[name='eth0']/ietf-ip:ipv4/address[ip='192.168.4.65']/ip", but it is not required.

Dec 20 15:39:35 garuda daemon.info netopeer2-server[852]: There is no instance of

"/ietf-interfaces:interfaces/interface[name='eth0']/ietf-ip:ipv4/address[ip='192.168.4.65']/netmask", but it is not required.

Dec 20 15:39:35 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

 $Dec\ 20\ 15:39:35\ garuda\ daemon. info\ net opeer 2-server [852]:\ Processing\ "notif"\ "ietf-net conf-notifications"\ event\ with\ ID\ 3.$

Dec 20 15:39:35 garuda daemon.info netopeer2-server[852]: Successful processing of "notif" event with ID 3 priority 0 (remaining 0 subscribers).

Dec 20 15:39:35 garuda user.info nw_manager[881]: IFMNGR: EVENT change CHANGES: for module name: ietf-interfaces

Dec 20 15:39:35 garuda user.info nw_manager[881]: Interface: eth0 Netmask: 255.255.255.0

Dec 20 15:39:35 garuda user.info nw_manager[881]: IFMNGR: EVENT done CHANGES: for module name: ietf-interfaces

Dec 20 15:39:35 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:35 garuda daemon.info netopeer2-server[852]: There is no instance of

"/ietf-interfaces:interfaces/interface[name='eth0']/ietf-ip:ipv4/address[ip='192.168.4.65']", but it is not required.

Dec 20 15:39:35 garuda daemon.info netopeer2-server[852]: There is no instance of

"/ietf-interfaces:interfaces/interface[name='eth0']/ietf-ip:ipv4/address[ip='192.168.4.65']/ip", but it is not required.

Dec 20 15:39:35 garuda daemon.info netopeer2-server[852]: There is no instance of

"/ietf-interfaces:interfaces/interface[name='eth0']/ietf-ip:ipv4/address[ip='192.168.4.65']/netmask", but it is not required.

Dec 20 15:39:35 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

 $Dec\ 20\ 15:39:35\ garuda\ daemon. info\ net opeer 2-server [852]:\ Processing\ "notif"\ "ietf-net conf-notifications"\ event\ with\ ID\ 4.$

Dec 20 15:39:35 garuda daemon.info netopeer2-server[852]: Successful processing of "notif" event with ID 4 priority 0 (remaining 0 subscribers).



Dec 20 15:39:35 garuda daemon.info dhclient[1314]: eth0: : IP=192.168.4.65/255.255.255.0 router=192.168.4.15 domain="vvdntech.com" dns="192.168.4.15" lease=60

Dec 20 15:39:35 garuda daemon.info dhclient: bound to 192.168.4.65 -- renewal in 26 seconds.

Dec 20 15:39:36 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.

Dec 20 15:39:36 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).

Dec 20 15:39:37 garuda user.err fw_manager[929]: swInstall failed :Reason: Given build already exists in slot 1

Dec 20 15:39:37 garuda user.notice fw_manager[929]: RPC #19 recieved. xpath -> /o-ran-software-management:software-inventory

Dec 20 15:39:37 garuda user.err FAULT MANAGER[867]: sendData : Source ID: 17

Dec 20 15:39:37 garuda user.err FAULT MANAGER[867]: sendData: Fault ID: 23

Dec 20 15:39:37 garuda user.err FAULT MANAGER[867]: sendData: FAULT_IS_CLEARED: FALSE

Dec 20 15:39:37 garuda user.err FAULT MANAGER[867]: sendData: FAULT_SEVERITY: 2

Dec 20 15:39:37 garuda user.err FAULT MANAGER[867]: sendData : FAULT_TIME: 2105-12-20T15:39:37Z

Dec 20 15:39:37 garuda user.notice SYNCMNGR[1175]: Received message from S-Plane

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: There is no leafref "/software-inventory/software-slot/name" with the value "swSlot2", but it is not required.

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: Processing "notif" "o-ran-software-management" event with ID 2.

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: Successful processing of "notif" event with ID 2 priority 0 (remaining 0 subscribers).

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: Published event "rpc" "/ietf-netconf:get" with ID 23 priority 0 for 1 subscribers.

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: Processing "/ietf-netconf:get" "rpc" event with ID 23 priority 0 (remaining 1 subscribers).

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: There is no leafref

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

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: There is no leafref

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

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 20.

Dec 20 15:39:37 garuda user.notice fw_manager[929]: RPC #20 recieved. xpath -> /o-ran-software-management:software-inventory

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: Event "operational" with ID 20 succeeded.

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: 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.

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: There is no leafref

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

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: There is no leafref

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

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: Successful processing of "rpc" event with ID 23 priority 0 (remaining 0 subscribers).

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: Event "rpc" with ID 23 priority 0 succeeded.

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...



Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: Resolving unresolved data nodes and their constraints...

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: 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.

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: There is no leafref

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

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: 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.

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: All data nodes and constraints resolved.

Dec 20 15:39:37 garuda daemon.info netopeer2-server[852]: Session 7: thread 4 event new RPC.

Dec 20 15:39:38 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.

Dec 20 15:39:38 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).

Dec 20 15:39:39 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.

Dec 20 15:39:39 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).

Dec 20 15:39:40 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.

Dec 20 15:39:40 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).

Dec 20 15:39:41 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.

Dec 20 15:39:41 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).

Dec 20 15:39:42 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.

Dec 20 15:39:42 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).

Dec 20 15:39:43 garuda daemon.info netopeer2-server[852]: Session 7: thread 2 event new RPC.

Dec 20 15:39:43 garuda daemon.info netopeer2-server[852]: Session 7: thread 2 event session terminated.

Dec 20 15:39:43 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.

Dec 20 15:39:43 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).

Dec 20 15:39:43 garuda daemon.info netopeer2-server[852]: There are no subscribers for "ietf-netconf-notifications" notifications.

Dec 20 15:39:43 garuda daemon.info netopeer2-server[852]: Generated new event (netconf-session-end).

Dec 20 15:39:43 garuda daemon.info netopeer2-server[852]: Call Home client "default-client" session terminated.

Dec 20 15:39:43 garuda daemon.info netopeer2-server[852]: Trying to connect via IPv4 to 192.168.4.15:4334.

Dec 20 15:39:43 garuda daemon.info netopeer2-server[852]: getsockopt() error (Connection refused).

Dec 20 15:39:43 garuda auth.info sshd[32547]: Accepted password for operator from 192.168.4.15 port 55170 ssh2

Dec 20 15:39:43 garuda authpriv.info sshd[32547]: pam_unix(sshd:session): session opened for user operator by (uid=0)



Expected Result : 1. Verify the status of the reply message as FAILED.

2. Check on Failure O-RU shall send NETCONF install-event notification with the

following statuses in case of failures: APPLICATION_ERROR

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	=======	======		========	
O-RU Software Install Application_Error	r	=	SUCCESS		
=======================================	=======	:=====:	========	=======================================	

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