@ FILE NAME: M_CTC_ID_027.txt

@ TEST SCOPE: M PLANE O-RAN CONFORMANCE

@ Software Release for HFCL: v3.0.0

Test Description : Test Description : This scenario is MANDATORY.

The test scenario is intentionally limited to scope that shall be testable

without a need to modify test scenario

according O-RU's hardware design.

This test verifies that the O-RU NETCONF Server supports

configurability with validation.

This scenario corresponds to the following chapters in [3]:

6 Configuration Management

12.2 User plane message routing

==
ethtool eth2
==

Settings for eth2:
 Supported ports: [FIBRE]
 Supported link modes: 25000baseSR/Full
 Supported pause frame use: Symmetric Receive-only
 Supports auto-negotiation: Yes
 Supported FEC modes: None BaseR RS
 Advertised link modes: 25000baseSR/Full
 Advertised pause frame use: No
 Advertised auto-negotiation: Yes
 Advertised FEC modes: None BaseR RS
 Speed: 25000Mb/s
 Duplex: Full
 Port: FIBRE
 PHYAD: 0
 Transceiver: internal
 Auto-negotiation: off
 Supports Wake-on: g
 Wake-on: g
 Current message level: 0x00000007 (7)
      drv probe link
 Link detected: yes

==
ping -c 5 192.168.3.47
==

PING 192.168.3.47 (192.168.3.47) 56(84) bytes of data.
64 bytes from 192.168.3.47: icmp_seq=1 ttl=64 time=0.048 ms
64 bytes from 192.168.3.47: icmp_seq=2 ttl=64 time=0.121 ms
64 bytes from 192.168.3.47: icmp_seq=3 ttl=64 time=0.120 ms
64 bytes from 192.168.3.47: icmp_seq=4 ttl=64 time=0.099 ms
64 bytes from 192.168.3.47: icmp_seq=5 ttl=64 time=0.119 ms

--- 192.168.3.47 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4086ms
rtt min/avg/max/mdev = 0.048/0.101/0.121/0.029 ms
==

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

==
> listen --ssh --login operator
        Waiting 60s for an SSH Call Home connection on port 4334...

The authenticity of the host '::ffff:192.168.3.47' cannot be established.

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

Interactive SSH Authentication done.

> status

Current NETCONF session:

ID   : 4

Host   : 192.168.3.47

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=63
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 --filter-xpath /ietf-netconf-notifications:*

===

Ok

===

> edit-config --target running --config --defop merge

===

===

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

===

<config xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">

<interfaces xmlns="urn:ietf:params:xml:ns:yang:ietf-interfaces">

```
<interface>
  <name>eth1</name>
  <type xmlns:ianaift="urn:ietf:params:xml:ns:yang:iana-if-type">ianaift:ethernetCsmacd</type>
  <enabled>true</enabled>
  <ipv4 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip">
   <enabled>true</enabled>
   <forwarding>false</forwarding>
   <m-plane-marking xmlns="urn:o-ran:interfaces:1.0">18</m-plane-marking>
  </ipv4>
  <l2-mtu xmlns="urn:o-ran:interfaces:1.0">1500</l2-mtu>
  <vlan-tagging xmlns="urn:o-ran:interfaces:1.0">true</vlan-tagging>
  <class-of-service xmlns="urn:o-ran:interfaces:1.0">
   <u-plane-marking>7</u-plane-marking>
   <c-plane-marking>7</c-plane-marking>
   <m-plane-marking>2</m-plane-marking>
   <s-plane-marking>7</s-plane-marking>
   <other-marking>1</other-marking>
  </class-of-service>
  <mac-address xmlns="urn:o-ran:interfaces:1.0">00:0a:35:00:00:00</mac-address>
  <port-reference xmlns="urn:o-ran:interfaces:1.0">
   <port-name>ru-port1</port-name>
   <port-number>1</port-number>
  </port-reference>

</interface>
<interface>
  <name>eth1.100</name>
  <type xmlns:ianaift="urn:ietf:params:xml:ns:yang:iana-if-type">ianaift:l2vlan</type>
  <enabled>true</enabled>
  <base-interface xmlns="urn:o-ran:interfaces:1.0">eth1</base-interface>
  <vlan-id xmlns="urn:o-ran:interfaces:1.0">100</vlan-id>
  <mac-address xmlns="urn:o-ran:interfaces:1.0">00:0a:35:00:00:00</mac-address>
  <port-reference xmlns="urn:o-ran:interfaces:1.0">
   <port-name>ru-port1</port-name>
   <port-number>1</port-number>
  </port-reference>
</interface>
<!-- <interface>
  <name>eth1.120</name>
  <type xmlns:ianaift="urn:ietf:params:xml:ns:yang:iana-if-type">ianaift:l2vlan</type>
  <enabled>true</enabled>
  <ipv4 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip">
   <enabled>true</enabled>
   <forwarding>false</forwarding>
   <address>
    <ip>192.168.3.56</ip>
     <netmask>255.255.255.0</netmask>
```

```
      </address>
      <m-plane-marking xmlns="urn:o-ran:interfaces:1.0">18</m-plane-marking>
     </ipv4>
     <base-interface xmlns="urn:o-ran:interfaces:1.0">eth1</base-interface>
     <vlan-id xmlns="urn:o-ran:interfaces:1.0">120</vlan-id>
     <mac-address xmlns="urn:o-ran:interfaces:1.0">00:0a:35:00:00:00</mac-address>
     <port-reference xmlns="urn:o-ran:interfaces:1.0">
      <port-name>ru-port1</port-name>
      <port-number>1</port-number>
     </port-reference>
     </interface> -->
    </interfaces>

               </config>
```

==

RPC Reply

==

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:a74e7508-3a81-40c0-90b6-2b1d1e6c9173"><nc:ok/></nc:rpc-reply>
```

==

> edit-config --target running --config --defop merge

==

==

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

==

```
               <config xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
               <processing-elements xmlns="urn:o-ran:processing-element:1.0">
    <transport-session-type>ETH-INTERFACE</transport-session-type>
    <ru-elements>
     <name>element1</name>
     <transport-flow>
      <interface-name>eth1.100</interface-name>
      <eth-flow>
       <ru-mac-address>00:0a:35:00:00:00</ru-mac-address>
       <vlan-id>100</vlan-id>
       <o-du-mac-address>64:9d:99:b1:7e:63</o-du-mac-address>
      </eth-flow>
     </transport-flow>
    </ru-elements>
    </processing-elements>

               </config>
```

==

RPC Reply

===

<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"

message-id="urn:uuid:4f92b53e-7edb-42b5-93e0-8c6adfe5288b"><nc:ok/></nc:rpc-reply>

==
> **get --filter-xpath /o-ran-uplane-conf:user-plane-configuration**
==

```
<?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">
 <user-plane-configuration xmlns="urn:o-ran:uplane-conf:1.0">
  <tx-arrays>
   <name>slltx-endpoint0</name>
   <number-of-rows>1</number-of-rows>
   <number-of-columns>1</number-of-columns>
   <number-of-array-layers>1</number-of-array-layers>
   <horizontal-spacing>1.0</horizontal-spacing>
   <vertical-spacing>1.0</vertical-spacing>
   <normal-vector-direction>
    <azimuth-angle>1.0</azimuth-angle>
    <zenith-angle>1.0</zenith-angle>
   </normal-vector-direction>
   <leftmost-bottom-array-element-position>
    <x>1.0</x>
    <y>1.0</y>
    <z>1.0</z>
   </leftmost-bottom-array-element-position>
   <band-number>78</band-number>
  </tx-arrays>
  <tx-arrays>
   <name>slltx-endpoint1</name>
   <number-of-rows>1</number-of-rows>
   <number-of-columns>1</number-of-columns>
   <number-of-array-layers>1</number-of-array-layers>
   <horizontal-spacing>1.0</horizontal-spacing>
   <vertical-spacing>1.0</vertical-spacing>
   <normal-vector-direction>
    <azimuth-angle>1.0</azimuth-angle>
    <zenith-angle>1.0</zenith-angle>
   </normal-vector-direction>
   <leftmost-bottom-array-element-position>
    <x>1.0</x>
    <y>1.0</y>
    <z>1.0</z>
   </leftmost-bottom-array-element-position>
   <band-number>78</band-number>
  </tx-arrays>
  <tx-arrays>
   <name>slltx-endpoint2</name>
   <number-of-rows>1</number-of-rows>
   <number-of-columns>1</number-of-columns>
```

```
<number-of-array-layers>1</number-of-array-layers>
<horizontal-spacing>1.0</horizontal-spacing>
<vertical-spacing>1.0</vertical-spacing>
<normal-vector-direction>
 <azimuth-angle>1.0</azimuth-angle>
 <zenith-angle>1.0</zenith-angle>
</normal-vector-direction>
<leftmost-bottom-array-element-position>
 <x>1.0</x>
 <y>1.0</y>
 <z>1.0</z>
</leftmost-bottom-array-element-position>
<band-number>78</band-number>
</tx-arrays>
<tx-arrays>
 <name>slltx-endpoint3</name>
 <number-of-rows>1</number-of-rows>
 <number-of-columns>1</number-of-columns>
 <number-of-array-layers>1</number-of-array-layers>
 <horizontal-spacing>1.0</horizontal-spacing>
 <vertical-spacing>1.0</vertical-spacing>
 <normal-vector-direction>
 <azimuth-angle>1.0</azimuth-angle>
 <zenith-angle>1.0</zenith-angle>
 </normal-vector-direction>
 <leftmost-bottom-array-element-position>
 <x>1.0</x>
 <y>1.0</y>
 <z>1.0</z>
 </leftmost-bottom-array-element-position>
 <band-number>78</band-number>
</tx-arrays>
<tx-arrays>
 <name>slltx-endpoint4</name>
 <number-of-rows>1</number-of-rows>
 <number-of-columns>1</number-of-columns>
 <number-of-array-layers>1</number-of-array-layers>
 <horizontal-spacing>1.0</horizontal-spacing>
 <vertical-spacing>1.0</vertical-spacing>
 <normal-vector-direction>
 <azimuth-angle>1.0</azimuth-angle>
 <zenith-angle>1.0</zenith-angle>
 </normal-vector-direction>
 <leftmost-bottom-array-element-position>
 <x>1.0</x>
 <y>1.0</y>
 <z>1.0</z>
```

```
</leftmost-bottom-array-element-position>
<band-number>78</band-number>
</tx-arrays>
<tx-arrays>
<name>slltx-endpoint5</name>
<number-of-rows>1</number-of-rows>
<number-of-columns>1</number-of-columns>
<number-of-array-layers>1</number-of-array-layers>
<horizontal-spacing>1.0</horizontal-spacing>
<vertical-spacing>1.0</vertical-spacing>
<normal-vector-direction>
 <azimuth-angle>1.0</azimuth-angle>
 <zenith-angle>1.0</zenith-angle>
</normal-vector-direction>
<leftmost-bottom-array-element-position>
 <x>1.0</x>
 <y>1.0</y>
 <z>1.0</z>
</leftmost-bottom-array-element-position>
<band-number>78</band-number>
</tx-arrays>
<tx-arrays>
<name>slltx-endpoint6</name>
<number-of-rows>1</number-of-rows>
<number-of-columns>1</number-of-columns>
<number-of-array-layers>1</number-of-array-layers>
<horizontal-spacing>1.0</horizontal-spacing>
<vertical-spacing>1.0</vertical-spacing>
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 <azimuth-angle>1.0</azimuth-angle>
 <zenith-angle>1.0</zenith-angle>
</normal-vector-direction>
<leftmost-bottom-array-element-position>
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 <y>1.0</y>
 <z>1.0</z>
</leftmost-bottom-array-element-position>
<band-number>78</band-number>
</tx-arrays>
<tx-arrays>
<name>slltx-endpoint7</name>
<number-of-rows>1</number-of-rows>
<number-of-columns>1</number-of-columns>
<number-of-array-layers>1</number-of-array-layers>
<horizontal-spacing>1.0</horizontal-spacing>
<vertical-spacing>1.0</vertical-spacing>
<normal-vector-direction>
```

```xml
  <azimuth-angle>1.0</azimuth-angle>
  <zenith-angle>1.0</zenith-angle>
 </normal-vector-direction>
 <leftmost-bottom-array-element-position>
  <x>1.0</x>
  <y>1.0</y>
  <z>1.0</z>
 </leftmost-bottom-array-element-position>
 <band-number>78</band-number>
</tx-arrays>
<rx-arrays>
 <name>sllrx-endpoint0</name>
 <number-of-rows>1</number-of-rows>
 <number-of-columns>1</number-of-columns>
 <number-of-array-layers>1</number-of-array-layers>
 <horizontal-spacing>1.0</horizontal-spacing>
 <vertical-spacing>1.0</vertical-spacing>
 <normal-vector-direction>
  <azimuth-angle>1.0</azimuth-angle>
  <zenith-angle>1.0</zenith-angle>
 </normal-vector-direction>
 <leftmost-bottom-array-element-position>
  <x>1.0</x>
  <y>1.0</y>
  <z>1.0</z>
 </leftmost-bottom-array-element-position>
 <band-number>78</band-number>
</rx-arrays>
<rx-arrays>
 <name>sllrx-endpoint1</name>
 <number-of-rows>1</number-of-rows>
 <number-of-columns>1</number-of-columns>
 <number-of-array-layers>1</number-of-array-layers>
 <horizontal-spacing>1.0</horizontal-spacing>
 <vertical-spacing>1.0</vertical-spacing>
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  <azimuth-angle>1.0</azimuth-angle>
  <zenith-angle>1.0</zenith-angle>
 </normal-vector-direction>
 <leftmost-bottom-array-element-position>
  <x>1.0</x>
  <y>1.0</y>
  <z>1.0</z>
 </leftmost-bottom-array-element-position>
 <band-number>78</band-number>
</rx-arrays>
<rx-arrays>
```

```
<name>sllrx-endpoint2</name>
<number-of-rows>1</number-of-rows>
<number-of-columns>1</number-of-columns>
<number-of-array-layers>1</number-of-array-layers>
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<vertical-spacing>1.0</vertical-spacing>
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 <azimuth-angle>1.0</azimuth-angle>
 <zenith-angle>1.0</zenith-angle>
</normal-vector-direction>
<leftmost-bottom-array-element-position>
 <x>1.0</x>
 <y>1.0</y>
 <z>1.0</z>
</leftmost-bottom-array-element-position>
<band-number>78</band-number>
</rx-arrays>
<rx-arrays>
 <name>sllrx-endpoint3</name>
 <number-of-rows>1</number-of-rows>
 <number-of-columns>1</number-of-columns>
 <number-of-array-layers>1</number-of-array-layers>
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 <vertical-spacing>1.0</vertical-spacing>
 <normal-vector-direction>
 <azimuth-angle>1.0</azimuth-angle>
 <zenith-angle>1.0</zenith-angle>
 </normal-vector-direction>
 <leftmost-bottom-array-element-position>
 <x>1.0</x>
 <y>1.0</y>
 <z>1.0</z>
 </leftmost-bottom-array-element-position>
 <band-number>78</band-number>
</rx-arrays>
<rx-arrays>
 <name>sllrx-endpoint4</name>
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 <vertical-spacing>1.0</vertical-spacing>
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 <azimuth-angle>1.0</azimuth-angle>
 <zenith-angle>1.0</zenith-angle>
 </normal-vector-direction>
 <leftmost-bottom-array-element-position>
```

```xml
  <x>1.0</x>
  <y>1.0</y>
  <z>1.0</z>
 </leftmost-bottom-array-element-position>
 <band-number>78</band-number>
</rx-arrays>
<rx-arrays>
 <name>sllrx-endpoint5</name>
 <number-of-rows>1</number-of-rows>
 <number-of-columns>1</number-of-columns>
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 <vertical-spacing>1.0</vertical-spacing>
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  <azimuth-angle>1.0</azimuth-angle>
  <zenith-angle>1.0</zenith-angle>
 </normal-vector-direction>
 <leftmost-bottom-array-element-position>
  <x>1.0</x>
  <y>1.0</y>
  <z>1.0</z>
 </leftmost-bottom-array-element-position>
 <band-number>78</band-number>
</rx-arrays>
<rx-arrays>
 <name>sllrx-endpoint6</name>
 <number-of-rows>1</number-of-rows>
 <number-of-columns>1</number-of-columns>
 <number-of-array-layers>1</number-of-array-layers>
 <horizontal-spacing>1.0</horizontal-spacing>
 <vertical-spacing>1.0</vertical-spacing>
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  <azimuth-angle>1.0</azimuth-angle>
  <zenith-angle>1.0</zenith-angle>
 </normal-vector-direction>
 <leftmost-bottom-array-element-position>
  <x>1.0</x>
  <y>1.0</y>
  <z>1.0</z>
 </leftmost-bottom-array-element-position>
 <band-number>78</band-number>
</rx-arrays>
<rx-arrays>
 <name>sllrx-endpoint7</name>
 <number-of-rows>1</number-of-rows>
 <number-of-columns>1</number-of-columns>
 <number-of-array-layers>1</number-of-array-layers>
```

```xml
<horizontal-spacing>1.0</horizontal-spacing>
<vertical-spacing>1.0</vertical-spacing>
<normal-vector-direction>
 <azimuth-angle>1.0</azimuth-angle>
 <zenith-angle>1.0</zenith-angle>
</normal-vector-direction>
<leftmost-bottom-array-element-position>
 <x>1.0</x>
 <y>1.0</y>
 <z>1.0</z>
</leftmost-bottom-array-element-position>
<band-number>78</band-number>
</rx-arrays>
<relations>
 <entity>0</entity>
 <array1>
  <tx-array-name>slltx-endpoint0</tx-array-name>
 </array1>
 <array2>
  <rx-array-name>sllrx-endpoint0</rx-array-name>
 </array2>
 <types/>
 <types>
  <relation-type>COALOCATED</relation-type>
  <pairs>
   <element-array1>1</element-array1>
   <element-array2>0</element-array2>
  </pairs>
 </types>
</relations>
<relations>
 <entity>1</entity>
 <array1>
  <tx-array-name>slltx-endpoint1</tx-array-name>
 </array1>
 <array2>
  <rx-array-name>sllrx-endpoint1</rx-array-name>
 </array2>
 <types/>
 <types>
  <relation-type>COALOCATED</relation-type>
  <pairs>
   <element-array1>1</element-array1>
   <element-array2>1</element-array2>
  </pairs>
 </types>
</relations>
```

```xml
<relations>
 <entity>2</entity>
 <array1>
  <tx-array-name>slltx-endpoint2</tx-array-name>
 </array1>
 <array2>
  <rx-array-name>sllrx-endpoint2</rx-array-name>
 </array2>
 <types/>
 <types>
  <relation-type>COALOCATED</relation-type>
  <pairs>
   <element-array1>1</element-array1>
   <element-array2>2</element-array2>
  </pairs>
 </types>
</relations>
<relations>
 <entity>3</entity>
 <array1>
  <tx-array-name>slltx-endpoint3</tx-array-name>
 </array1>
 <array2>
  <rx-array-name>sllrx-endpoint3</rx-array-name>
 </array2>
 <types/>
 <types>
  <relation-type>COALOCATED</relation-type>
  <pairs>
   <element-array1>1</element-array1>
   <element-array2>3</element-array2>
  </pairs>
 </types>
</relations>
<relations>
 <entity>4</entity>
 <array1>
  <tx-array-name>slltx-endpoint4</tx-array-name>
 </array1>
 <array2>
  <rx-array-name>sllrx-endpoint4</rx-array-name>
 </array2>
 <types/>
 <types>
  <relation-type>COALOCATED</relation-type>
  <pairs>
   <element-array1>1</element-array1>
```

```
<element-array2>4</element-array2>
 </pairs>
 </types>
</relations>
<relations>
 <entity>5</entity>
 <array1>
  <tx-array-name>slltx-endpoint5</tx-array-name>
 </array1>
 <array2>
  <rx-array-name>sllrx-endpoint5</rx-array-name>
 </array2>
 <types/>
 <types>
  <relation-type>COALOCATED</relation-type>
  <pairs>
   <element-array1>1</element-array1>
   <element-array2>5</element-array2>
  </pairs>
 </types>
</relations>
<relations>
 <entity>6</entity>
 <array1>
  <tx-array-name>slltx-endpoint6</tx-array-name>
 </array1>
 <array2>
  <rx-array-name>sllrx-endpoint6</rx-array-name>
 </array2>
 <types/>
 <types>
  <relation-type>COALOCATED</relation-type>
  <pairs>
   <element-array1>1</element-array1>
   <element-array2>6</element-array2>
  </pairs>
 </types>
</relations>
<relations>
 <entity>7</entity>
 <array1>
  <tx-array-name>slltx-endpoint7</tx-array-name>
 </array1>
 <array2>
  <rx-array-name>sllrx-endpoint7</rx-array-name>
 </array2>
 <types/>
```

```xml
<types>
 <relation-type>COALOCATED</relation-type>
 <pairs>
  <element-array1>1</element-array1>
  <element-array2>7</element-array2>
 </pairs>
</types>
</relations>
<endpoint-types>
 <id>1</id>
 <supported-section-types>
  <section-type>0</section-type>
  <supported-section-extensions>0</supported-section-extensions>
 </supported-section-types>
 <supported-section-types>
  <section-type>1</section-type>
  <supported-section-extensions>0</supported-section-extensions>
 </supported-section-types>
 <supported-section-types>
  <section-type>3</section-type>
  <supported-section-extensions>0</supported-section-extensions>
 </supported-section-types>
 <supported-frame-structures>193</supported-frame-structures>
 <managed-delay-support>MANAGED</managed-delay-support>
 <multiple-numerology-supported>false</multiple-numerology-supported>
 <max-sections-per-symbol>46</max-sections-per-symbol>
 <max-sections-per-slot>644</max-sections-per-slot>
 <max-prb-per-symbol>273</max-prb-per-symbol>
 <max-numerologies-per-symbol>1</max-numerologies-per-symbol>
</endpoint-types>
<static-low-level-tx-endpoints>
 <name>slltx-endpoint0</name>
 <array>slltx-endpoint0</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
</static-low-level-tx-endpoints>
<static-low-level-tx-endpoints>
 <name>slltx-endpoint1</name>
 <array>slltx-endpoint1</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
</static-low-level-tx-endpoints>
<static-low-level-tx-endpoints>
 <name>slltx-endpoint2</name>
 <array>slltx-endpoint2</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
```

```
</static-low-level-tx-endpoints>
<static-low-level-tx-endpoints>
 <name>slltx-endpoint3</name>
 <array>slltx-endpoint3</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
</static-low-level-tx-endpoints>
<static-low-level-tx-endpoints>
 <name>slltx-endpoint4</name>
 <array>slltx-endpoint4</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
</static-low-level-tx-endpoints>
<static-low-level-tx-endpoints>
 <name>slltx-endpoint5</name>
 <array>slltx-endpoint5</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
</static-low-level-tx-endpoints>
<static-low-level-tx-endpoints>
 <name>slltx-endpoint6</name>
 <array>slltx-endpoint6</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
</static-low-level-tx-endpoints>
<static-low-level-tx-endpoints>
 <name>slltx-endpoint7</name>
 <array>slltx-endpoint7</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
</static-low-level-tx-endpoints>
<static-low-level-rx-endpoints>
 <name>sllrx-endpoint0</name>
 <array>sllrx-endpoint0</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
</static-low-level-rx-endpoints>
<static-low-level-rx-endpoints>
 <name>sllrx-endpoint1</name>
 <array>sllrx-endpoint1</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
</static-low-level-rx-endpoints>
<static-low-level-rx-endpoints>
 <name>sllrx-endpoint2</name>
 <array>sllrx-endpoint2</array>
 <endpoint-type>1</endpoint-type>
```

```
  <capacity-sharing-groups>1</capacity-sharing-groups>
 </static-low-level-rx-endpoints>
 <static-low-level-rx-endpoints>
  <name>sllrx-endpoint3</name>
  <array>sllrx-endpoint3</array>
  <endpoint-type>1</endpoint-type>
  <capacity-sharing-groups>1</capacity-sharing-groups>
 </static-low-level-rx-endpoints>
 <static-low-level-rx-endpoints>
  <name>sllrx-endpoint4</name>
  <array>sllrx-endpoint4</array>
  <endpoint-type>1</endpoint-type>
  <capacity-sharing-groups>1</capacity-sharing-groups>
 </static-low-level-rx-endpoints>
 <static-low-level-rx-endpoints>
  <name>sllrx-endpoint5</name>
  <array>sllrx-endpoint5</array>
  <endpoint-type>1</endpoint-type>
  <capacity-sharing-groups>1</capacity-sharing-groups>
 </static-low-level-rx-endpoints>
 <static-low-level-rx-endpoints>
  <name>sllrx-endpoint6</name>
  <array>sllrx-endpoint6</array>
  <endpoint-type>1</endpoint-type>
  <capacity-sharing-groups>1</capacity-sharing-groups>
 </static-low-level-rx-endpoints>
 <static-low-level-rx-endpoints>
  <name>sllrx-endpoint7</name>
  <array>sllrx-endpoint7</array>
  <endpoint-type>1</endpoint-type>
  <capacity-sharing-groups>1</capacity-sharing-groups>
 </static-low-level-rx-endpoints>
 <endpoint-capacity-sharing-groups/>
 <endpoint-capacity-sharing-groups>
  <id>1</id>
  <max-managed-delay-endpoints>8</max-managed-delay-endpoints>
  <max-non-managed-delay-endpoints>0</max-non-managed-delay-endpoints>
  <max-endpoints>8</max-endpoints>
  <max-sections-per-symbol>46</max-sections-per-symbol>
  <max-sections-per-slot>644</max-sections-per-slot>
  <max-prb-per-symbol>273</max-prb-per-symbol>
  <max-numerologies-per-symbol>1</max-numerologies-per-symbol>
 </endpoint-capacity-sharing-groups>
 </user-plane-configuration>
</data>
```

===

STEP 1 The TER NETCONF Client assigns unique eAxC_IDs to low-level-rx-endpoints. The same set of eAxC_IDs is also assigned to low-level-tx-endpoints. The TER NETCONF Client uses <rpc><editconfig>.

===

==

STEP 2 The O-RU NETCONF Sever responds with the <rpc-reply> message indicating compeletion of the requested procedure.

==

==

> edit-config --target running --config --defop merge

==

==

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

==

```
<config xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
<user-plane-configuration xmlns="urn:o-ran:uplane-conf:1.0">
<low-level-tx-links>
 <name>lltxlink0</name>
 <processing-element>element1</processing-element>
  <tx-array-carrier>txarraycarrier0</tx-array-carrier>
 <low-level-tx-endpoint>slltx-endpoint0</low-level-tx-endpoint>
</low-level-tx-links>
<low-level-tx-links>
 <name>lltxlink1</name>
 <processing-element>element1</processing-element>
 <tx-array-carrier>txarraycarrier0</tx-array-carrier>
 <low-level-tx-endpoint>slltx-endpoint1</low-level-tx-endpoint>
</low-level-tx-links>
<low-level-tx-links>
 <name>lltxlink2</name>
 <processing-element>element1</processing-element>
 <tx-array-carrier>txarraycarrier0</tx-array-carrier>
 <low-level-tx-endpoint>slltx-endpoint2</low-level-tx-endpoint>
</low-level-tx-links>
<low-level-tx-links>
 <name>lltxlink3</name>
 <processing-element>element1</processing-element>
 <tx-array-carrier>txarraycarrier0</tx-array-carrier>
 <low-level-tx-endpoint>slltx-endpoint3</low-level-tx-endpoint>
</low-level-tx-links>

<low-level-rx-links>
 <name>llrxlink0</name>
 <processing-element>element1</processing-element>
 <rx-array-carrier>rxarraycarrier0</rx-array-carrier>
 <low-level-rx-endpoint>sllrx-endpoint0</low-level-rx-endpoint>
</low-level-rx-links>
```

```
<low-level-rx-links>
  <name>llrxlink1</name>
  <processing-element>element1</processing-element>
  <rx-array-carrier>rxarraycarrier0</rx-array-carrier>
  <low-level-rx-endpoint>sllrx-endpoint1</low-level-rx-endpoint>
</low-level-rx-links>
<low-level-rx-links>
  <name>llrxlink2</name>
  <processing-element>element1</processing-element>
  <rx-array-carrier>rxarraycarrier0</rx-array-carrier>
  <low-level-rx-endpoint>sllrx-endpoint2</low-level-rx-endpoint>
</low-level-rx-links>
<low-level-rx-links>
  <name>llrxlink3</name>
  <processing-element>element1</processing-element>
  <rx-array-carrier>rxarraycarrier0</rx-array-carrier>
  <low-level-rx-endpoint>sllrx-endpoint3</low-level-rx-endpoint>
</low-level-rx-links>

<low-level-tx-endpoints>
  <name>slltx-endpoint0</name>
  <compression>
    <compression-type>STATIC</compression-type>
    <iq-bitwidth>16</iq-bitwidth>
  </compression>
  <cp-length>352</cp-length>
  <cp-length-other>288</cp-length-other>
  <offset-to-absolute-frequency-center>0</offset-to-absolute-frequency-center>
  <number-of-prb-per-scs>
    <scs>KHZ_30</scs>
    <number-of-prb>273</number-of-prb>
  </number-of-prb-per-scs>
  <e-axcid>
    <o-du-port-bitmask>65024</o-du-port-bitmask>
    <band-sector-bitmask>448</band-sector-bitmask>
    <ccid-bitmask>56</ccid-bitmask>
    <ru-port-bitmask>7</ru-port-bitmask>
    <eaxc-id>1</eaxc-id>
  </e-axcid>
</low-level-tx-endpoints>
<low-level-tx-endpoints>
  <name>slltx-endpoint1</name>
  <compression>
    <compression-type>STATIC</compression-type>
    <iq-bitwidth>16</iq-bitwidth>
  </compression>
  <cp-length>352</cp-length>
```

```
<cp-length-other>288</cp-length-other>
<offset-to-absolute-frequency-center>0</offset-to-absolute-frequency-center>
<number-of-prb-per-scs>
  <scs>KHZ_30</scs>
  <number-of-prb>273</number-of-prb>
</number-of-prb-per-scs>
<e-axcid>
  <o-du-port-bitmask>65024</o-du-port-bitmask>
  <band-sector-bitmask>448</band-sector-bitmask>
  <ccid-bitmask>56</ccid-bitmask>
  <ru-port-bitmask>7</ru-port-bitmask>
  <eaxc-id>1</eaxc-id>
</e-axcid>
</low-level-tx-endpoints>
<low-level-tx-endpoints>
<name>slltx-endpoint2</name>
<compression>
  <compression-type>STATIC</compression-type>
  <iq-bitwidth>16</iq-bitwidth>
</compression>
<cp-length>352</cp-length>
<cp-length-other>288</cp-length-other>
<offset-to-absolute-frequency-center>0</offset-to-absolute-frequency-center>
<number-of-prb-per-scs>
  <scs>KHZ_30</scs>
  <number-of-prb>273</number-of-prb>
</number-of-prb-per-scs>
<e-axcid>
  <o-du-port-bitmask>65024</o-du-port-bitmask>
  <band-sector-bitmask>448</band-sector-bitmask>
  <ccid-bitmask>56</ccid-bitmask>
  <ru-port-bitmask>7</ru-port-bitmask>
  <eaxc-id>3</eaxc-id>
</e-axcid>
</low-level-tx-endpoints>
<low-level-tx-endpoints>
<name>slltx-endpoint3</name>
<compression>
  <compression-type>STATIC</compression-type>
  <iq-bitwidth>16</iq-bitwidth>
</compression>
<cp-length>352</cp-length>
<cp-length-other>288</cp-length-other>
<offset-to-absolute-frequency-center>0</offset-to-absolute-frequency-center>
<number-of-prb-per-scs>
  <scs>KHZ_30</scs>
  <number-of-prb>273</number-of-prb>
```

```
   </number-of-prb-per-scs>
  <e-axcid>
    <o-du-port-bitmask>65024</o-du-port-bitmask>
    <band-sector-bitmask>448</band-sector-bitmask>
    <ccid-bitmask>56</ccid-bitmask>
    <ru-port-bitmask>7</ru-port-bitmask>
    <eaxc-id>4</eaxc-id>
  </e-axcid>
</low-level-tx-endpoints>

<low-level-rx-endpoints>
  <name>sllrx-endpoint0</name>
  <compression>
    <compression-type>STATIC</compression-type>
    <iq-bitwidth>16</iq-bitwidth>
  </compression>
  <cp-length>352</cp-length>
  <cp-length-other>288</cp-length-other>
  <offset-to-absolute-frequency-center>0</offset-to-absolute-frequency-center>
  <number-of-prb-per-scs>
    <scs>KHZ_30</scs>
    <number-of-prb>273</number-of-prb>
  </number-of-prb-per-scs>
  <ul-fft-sampling-offsets>
    <scs>KHZ_30</scs>
  </ul-fft-sampling-offsets>
  <e-axcid>
    <o-du-port-bitmask>65024</o-du-port-bitmask>
    <band-sector-bitmask>448</band-sector-bitmask>
    <ccid-bitmask>56</ccid-bitmask>
    <ru-port-bitmask>7</ru-port-bitmask>
    <eaxc-id>1</eaxc-id>
  </e-axcid>
  <non-time-managed-delay-enabled>false</non-time-managed-delay-enabled>
</low-level-rx-endpoints>
<low-level-rx-endpoints>
  <name>sllrx-endpoint1</name>
  <compression>
    <compression-type>STATIC</compression-type>
    <iq-bitwidth>16</iq-bitwidth>
  </compression>
  <cp-length>352</cp-length>
  <cp-length-other>288</cp-length-other>
  <offset-to-absolute-frequency-center>0</offset-to-absolute-frequency-center>
  <number-of-prb-per-scs>
    <scs>KHZ_30</scs>
    <number-of-prb>273</number-of-prb>
```

```
    </number-of-prb-per-scs>
    <ul-fft-sampling-offsets>
      <scs>KHZ_30</scs>
    </ul-fft-sampling-offsets>
    <e-axcid>
      <o-du-port-bitmask>65024</o-du-port-bitmask>
      <band-sector-bitmask>448</band-sector-bitmask>
      <ccid-bitmask>56</ccid-bitmask>
      <ru-port-bitmask>7</ru-port-bitmask>
      <eaxc-id>2</eaxc-id>
    </e-axcid>
    <non-time-managed-delay-enabled>false</non-time-managed-delay-enabled>
  </low-level-rx-endpoints>
  <low-level-rx-endpoints>
    <name>sllrx-endpoint2</name>
    <compression>
      <compression-type>STATIC</compression-type>
      <iq-bitwidth>16</iq-bitwidth>
    </compression>
    <cp-length>352</cp-length>
    <cp-length-other>288</cp-length-other>
    <offset-to-absolute-frequency-center>0</offset-to-absolute-frequency-center>
    <number-of-prb-per-scs>
      <scs>KHZ_30</scs>
      <number-of-prb>273</number-of-prb>
    </number-of-prb-per-scs>
    <ul-fft-sampling-offsets>
      <scs>KHZ_30</scs>
    </ul-fft-sampling-offsets>
    <e-axcid>
      <o-du-port-bitmask>65024</o-du-port-bitmask>
      <band-sector-bitmask>448</band-sector-bitmask>
      <ccid-bitmask>56</ccid-bitmask>
      <ru-port-bitmask>7</ru-port-bitmask>
      <eaxc-id>3</eaxc-id>
    </e-axcid>
    <non-time-managed-delay-enabled>false</non-time-managed-delay-enabled>
  </low-level-rx-endpoints>
  <low-level-rx-endpoints>
    <name>sllrx-endpoint3</name>
    <compression>
      <compression-type>STATIC</compression-type>
      <iq-bitwidth>16</iq-bitwidth>
    </compression>
    <cp-length>352</cp-length>
    <cp-length-other>288</cp-length-other>
    <offset-to-absolute-frequency-center>0</offset-to-absolute-frequency-center>
```

```
<number-of-prb-per-scs>
  <scs>KHZ_30</scs>
  <number-of-prb>273</number-of-prb>
</number-of-prb-per-scs>
<ul-fft-sampling-offsets>
  <scs>KHZ_30</scs>
</ul-fft-sampling-offsets>
<e-axcid>
  <o-du-port-bitmask>65024</o-du-port-bitmask>
  <band-sector-bitmask>448</band-sector-bitmask>
  <ccid-bitmask>56</ccid-bitmask>
  <ru-port-bitmask>7</ru-port-bitmask>
  <eaxc-id>4</eaxc-id>
</e-axcid>
<non-time-managed-delay-enabled>false</non-time-managed-delay-enabled>
</low-level-rx-endpoints>
<tx-array-carriers>
  <name>txarraycarrier0</name>
  <absolute-frequency-center>630000</absolute-frequency-center>
  <center-of-channel-bandwidth>3450000000</center-of-channel-bandwidth>
  <channel-bandwidth>100000000</channel-bandwidth>
  <gain>0</gain>
  <downlink-radio-frame-offset>0</downlink-radio-frame-offset>
  <downlink-sfn-offset>0</downlink-sfn-offset>
  <rw-duplex-scheme>TDD</rw-duplex-scheme>
  <rw-type>NR</rw-type>
</tx-array-carriers>
<rx-array-carriers>
  <name>rxarraycarrier0</name>
  <absolute-frequency-center>630000</absolute-frequency-center>
  <center-of-channel-bandwidth>3450000000</center-of-channel-bandwidth>
  <channel-bandwidth>100000000</channel-bandwidth>
  <downlink-radio-frame-offset>0</downlink-radio-frame-offset>
  <downlink-sfn-offset>0</downlink-sfn-offset>
  <gain-correction>0</gain-correction>
  <n-ta-offset>25600</n-ta-offset>
</rx-array-carriers>
</user-plane-configuration>

            </config>
```

==
Step 3 NETCONF server replies rejecting the protocol operation with an 'access-denied' error
==

==
RPC ERROR
==

```xml
<?xml version="1.0" ?>
<nc:rpc-error xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0">
 <nc:error-type>application</nc:error-type>
 <nc:error-tag>operation-failed</nc:error-tag>
 <nc:error-severity>error</nc:error-severity>
 <nc:error-path>/o-ran-uplane-conf:user-plane-configuration/low-level-tx-endpoints[name='slltx-endpoint1']/e-axcid/eaxc-id</nc:error-path>
 <nc:error-message xml:lang="en">[operation-not-supported]Duplicate value '1' found for eaxc-id</nc:error-message>
</nc:rpc-error>
```

==
SYSTEM LOGS
==

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: Trying to connect via IPv4 to 192.168.3.15:4334.

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: Successfully connected to 192.168.3.15:4334 over IPv4.

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: Session 148 (user "root", CID 1) created.

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: Received an SSH message "request-service" of subtype "ssh-userauth".

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: Received an SSH message "request-auth" of subtype "password".

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: User "operator" authenticated.

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: Received an SSH message "request-channel-open" of subtype "session".

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: Received an SSH message "request-channel" of subtype "subsystem".

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: Call Home client "default-client" session 4 established.

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: Session 149 (user "root", CID 1) created.

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: There are no subscribers for "ietf-netconf-notifications" notifications.

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: Generated new event (netconf-session-start).

Apr 24 20:28:36 8t8r user.notice SYS_MONITOR[1339]: No alert from Temp sensor

Apr 24 20:28:36 8t8r user.notice SYS_MONITOR[1339]: No alert from power and current sensor

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: Published event "rpc" "/ietf-netconf:get" with ID 7 priority 0 for 1 subscribers.

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: Processing "/ietf-netconf:get" "rpc" event with ID 7 priority 0 (remaining 1 subscribers).

Apr 24 20:28:36 8t8r daemon.info netopeer2-server[1139]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 4.

Apr 24 20:28:36 8t8r user.notice fw_manager[1201]: RPC #4 recieved. xpath -> /o-ran-software-management:software-inventory

Apr 24 20:28:36 8t8r user.notice SYS_MONITOR[1339]: Status of ethernet port is:down

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Event "operational" with ID 4 succeeded.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "HFCI O-RU", but it is not required.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "HFCL O-RU", but it is not required.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "HFCI O-RU", but it is not required.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Successful processing of "rpc" event with ID 7 priority 0 (remaining 0 subscribers).

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Event "rpc" with ID 7 priority 0 succeeded.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "HFCI O-RU", but it is not required.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "HFCL O-RU", but it is not required.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: There is no leafref

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

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Session 4: thread 0 event new RPC.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Published event "rpc" "/ietf-netconf:get-config" with ID 2 priority 0 for 1 subscribers.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Processing "/ietf-netconf:get-config" "rpc" event with ID 2 priority 0 (remaining 1 subscribers).

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Successful processing of "rpc" event with ID 2 priority 0 (remaining 0 subscribers).

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Event "rpc" with ID 2 priority 0 succeeded.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port1", but it is not required.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port1", but it is not required.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Session 4: thread 1 event new RPC.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Published event "rpc" "/notifications:create-subscription" with ID 4 priority 0 for 1 subscribers.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Processing "/notifications:create-subscription" "rpc" event with ID 4 priority 0 (remaining 1 subscribers).

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Successful processing of "rpc" event with ID 4 priority 0 (remaining 0 subscribers).

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Event "rpc" with ID 4 priority 0 succeeded.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Session 4: thread 1 event new RPC.

Apr 24 20:28:37 8t8r user.notice SYS_MONITOR[1339]: SYNC Status is FREERUN

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Published event "rpc" "/ietf-netconf:edit-config" with ID 4 priority 0 for 1 subscribers.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Processing "/ietf-netconf:edit-config" "rpc" event with ID 4 priority 0 (remaining 1 subscribers).

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: edit-config error-option "stop-on-error" not supported, rollback-on-error will be performed.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: No datastore changes to apply.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Successful processing of "rpc" event with ID 4 priority 0 (remaining 0 subscribers).

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Event "rpc" with ID 4 priority 0 succeeded.

Apr 24 20:28:37 8t8r daemon.info netopeer2-server[1139]: Session 4: thread 3 event new RPC.

Apr 24 20:28:37 8t8r user.notice SYNCMNGR[1152]: Received message from S-Plane

Apr 24 20:28:37 8t8r user.notice SYS_MONITOR[1339]: Status of ethernet port is:down

Apr 24 20:28:37 8t8r user.notice SYS_MONITOR[1339]: SFP1 port Status is up

Apr 24 20:28:37 8t8r user.notice SYS_MONITOR[1339]: ETH1 IP is 192.168.3.47

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Published event "rpc" "/ietf-netconf:edit-config" with ID 5 priority 0 for 1 subscribers.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Processing "/ietf-netconf:edit-config" "rpc" event with ID 5 priority 0 (remaining 1 subscribers).

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: edit-config error-option "stop-on-error" not supported, rollback-on-error will be performed.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: No datastore changes to apply.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Successful processing of "rpc" event with ID 5 priority 0 (remaining 0 subscribers).

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Event "rpc" with ID 5 priority 0 succeeded.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Session 4: thread 3 event new RPC.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Published event "rpc" "/ietf-netconf:get" with ID 8 priority 0 for 1 subscribers.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Processing "/ietf-netconf:get" "rpc" event with ID 8 priority 0 (remaining 1 subscribers).

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/tx-arrays" with ID 2.

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: DATA FOR "o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/tx-arrays" REQUESTED

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Event "operational" with ID 2 succeeded.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not

required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/rx-arrays" with ID 2.

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: DATA FOR "o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/rx-arrays" REQUESTED

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Event "operational" with ID 2 succeeded.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/relations" with ID 2.

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: DATA FOR "o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/relations" REQUESTED

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Event "operational" with ID 2 succeeded.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:tx-arrays/o-ran-uplane-conf:name" with the value "slltx-endpoint0", but it is not

required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:rx-arrays/o-ran-uplane-conf:name" with the value "sllrx-endpoint0", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:tx-arrays/o-ran-uplane-conf:name" with the value "slltx-endpoint1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:rx-arrays/o-ran-uplane-conf:name" with the value "sllrx-endpoint1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:tx-arrays/o-ran-uplane-conf:name" with the value "slltx-endpoint2", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:rx-arrays/o-ran-uplane-conf:name" with the value "sllrx-endpoint2", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:tx-arrays/o-ran-uplane-conf:name" with the value "slltx-endpoint3", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:rx-arrays/o-ran-uplane-conf:name" with the value "sllrx-endpoint3", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:tx-arrays/o-ran-uplane-conf:name" with the value "slltx-endpoint4", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:rx-arrays/o-ran-uplane-conf:name" with the value "sllrx-endpoint4", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:tx-arrays/o-ran-uplane-conf:name" with the value "slltx-endpoint5", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:rx-arrays/o-ran-uplane-conf:name" with the value "sllrx-endpoint5", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:tx-arrays/o-ran-uplane-conf:name" with the value "slltx-endpoint6", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:rx-arrays/o-ran-uplane-conf:name" with the value "sllrx-endpoint6", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:tx-arrays/o-ran-uplane-conf:name" with the value "slltx-endpoint7", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:rx-arrays/o-ran-uplane-conf:name" with the value "sllrx-endpoint7", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/endpoint-types" with ID 2.

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: DATA FOR "o-ran-uplane-conf"

"/o-ran-uplane-conf:user-plane-configuration/endpoint-types" REQUESTED

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Event "operational" with ID 2 succeeded.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/tx-array-carriers" with ID 2.

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: DATA FOR "o-ran-uplane-conf"

"/o-ran-uplane-conf:user-plane-configuration/tx-array-carriers" REQUESTED

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Event "operational" with ID 2 succeeded.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/rx-array-carriers" with ID 2.

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: DATA FOR "o-ran-uplane-conf"

"/o-ran-uplane-conf:user-plane-configuration/rx-array-carriers" REQUESTED

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Event "operational" with ID 2 succeeded.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/static-low-level-tx-endpoints" with ID 2.

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: DATA FOR "o-ran-uplane-conf"

"/o-ran-uplane-conf:user-plane-configuration/static-low-level-tx-endpoints" REQUESTED

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Event "operational" with ID 2 succeeded.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint0", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint2", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint3", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint4", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value

"slltx-endpoint5", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint6", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint7", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/static-low-level-rx-endpoints" with ID 2.

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: DATA FOR "o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/static-low-level-rx-endpoints" REQUESTED

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Event "operational" with ID 2 succeeded.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint0", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint2", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint3", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint4", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value

"sllrx-endpoint5", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint6", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint7", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Published event "operational"
"/o-ran-uplane-conf:user-plane-configuration/endpoint-capacity-sharing-groups" with ID 2.

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: DATA FOR "o-ran-uplane-conf"
"/o-ran-uplane-conf:user-plane-configuration/endpoint-capacity-sharing-groups" REQUESTED

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Event "operational" with ID 2 succeeded.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Successful processing of "rpc" event with ID 8 priority 0 (remaining 0 subscribers).

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Event "rpc" with ID 8 priority 0 succeeded.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref
"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref
"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref
"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref
"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref
"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref
"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref
"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "78", but it is not required.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Session 4: thread 3 event new RPC.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139] Resolving unresolved data nodes and their constraints...

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Published event "rpc" "/ietf-netconf:edit-config" with ID 6 priority 0 for 1 subscribers.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Processing "/ietf-netconf:edit-config" "rpc" event with ID 6 priority 0 (remaining 1 subscribers).

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: edit-config error-option "stop-on-error" not supported, rollback-on-error will be performed.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Resolving unresolved data nodes and their constraints...

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: All data nodes and constraints resolved.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Published event "change" "o-ran-uplane-conf" with ID 2 priority 0 for 6 subscribers.

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: EVENT change CHANGES:

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | lltx-link name : lltxlink0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | lltx-processing element : element1

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | lltx-array-carrier : txarraycarrier0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | lltx-endpoint : slltx-endpoint0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | lltx-link name : lltxlink1

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | lltx-processing element : element1

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | lltx-array-carrier : txarraycarrier0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | lltx-endpoint : slltx-endpoint1

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | lltx-link name : lltxlink2

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | lltx-processing element : element1

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | lltx-array-carrier : txarraycarrier0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | lltx-endpoint : slltx-endpoint2

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | lltx-link name : lltxlink3

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | lltx-processing element : element1

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | lltx-array-carrier : txarraycarrier0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | lltx-endpoint : slltx-endpoint3

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: END OF CHANGES

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: EVENT change CHANGES:

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | rx-array-carriers-name : rxarraycarrier0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | rx-array-carriers-center-of-channel-bandwidth : 3450000000

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | rx-array-carriers-channel-bandwidth : 100000000

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | rx-array-carriers-downlink-radio-frame-offset : 0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | rx-array-carriers-downlink-sfn-offset : 0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | rx-array-carriers-gain-correction : 0.000000

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | rx-array-carriers-n-ta-offset : 25600

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | rx-array-carriers-active : INACTIVE

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: END OF CHANGES

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: EVENT change CHANGES:

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | tx-array-carriers-name : txarraycarrier0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: EVENT change CHANGES:

/o-ran-uplane-conf:user-plane-configuration/low-level-rx-endpoints

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: EVENT change CHANGES

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | tx-array-carriers-channel-bandwidth : 100000000

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | llrx-link name : llrxlink0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | llrx-processing element : element1

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | llrx-array-carrier : rxarraycarrier0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | llrx-endpoint : sllrx-endpoint0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | llrx-link name : llrxlink1

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | llrx-processing element : element1

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | llrx-array-carrier : rxarraycarrier0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | llrx-endpoint : sllrx-endpoint1

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | llrx-link name : llrxlink2

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | llrx-processing element : element1

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | llrx-array-carrier : rxarraycarrier0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | llrx-endpoint : sllrx-endpoint2

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | llrx-link name : llrxlink3

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | llrx-processing element : element1

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | llrx-array-carrier : rxarraycarrier0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | llrx-endpoint : sllrx-endpoint3

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: END OF CHANGES

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | tx-array-carriers-gain : 0.000000

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: EVENT change CHANGES:

/o-ran-uplane-conf:user-plane-configuration/low-level-tx-endpoints

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | tx-array-carriers-downlink-radio-frame-offset : 0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | tx-array-carriers-downlink-sfn-offset : 0

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | tx-array-carriers-rw-duplex-scheme : TDD

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | tx-array-carriers-rw-type : NR

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | tx-array-carriers-active : INACTIVE

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: END OF CHANGES

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: FPGA | lltx-endpoint name : slltx-endpoint0

Apr 24 20:28:38 8t8r user.err SYS_MONITOR[1339]: power value and current value of module POWER_MODULE_RET12V0 is 53.045 Watts and 530.450 A higher than warning   level

Apr 24 20:28:38 8t8r user.info FAULT MANAGER[1339]: sendData : Source ID: 23

Apr 24 20:28:38 8t8r user.info FAULT MANAGER[1339]: sendData : Fault ID: 137

Apr 24 20:28:38 8t8r user.info FAULT MANAGER[1339]: sendData : FAULT_IS_CLEARED: 1

Apr 24 20:28:38 8t8r user.info FAULT MANAGER[1339]: sendData : FAULT_SEVERITY: 2

Apr 24 20:28:38 8t8r user.info FAULT MANAGER[1339]: sendData : FAULT_TIME: 2103-04-24T20:28:38Z

Apr 24 20:28:38 8t8r user.err UPLANECONF[1448]: Duplicate value found for eaxc-id !!

Apr 24 20:28:38 8t8r daemon.err netopeer2-server[1139]: [operation-not-supported]Duplicate value '1' found for eaxc-id

Apr 24 20:28:38 8t8r daemon.warn netopeer2-server[1139]: Event "change" with ID 2 priority 0 failed (Operation failed).

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Published event "abort" "o-ran-uplane-conf" with ID 2 priority 0 for 4 subscribers.

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: EVENT abort CHANGES:

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: END OF CHANGES

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: EVENT abort CHANGES:

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: END OF CHANGES

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: EVENT abort CHANGES:

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: END OF CHANGES

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: EVENT abort CHANGES

Apr 24 20:28:38 8t8r user.notice UPLANECONF[1448]: END OF CHANGES

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Failed processing of "rpc" event with ID 6 priority 0 (remaining 1 subscribers).

Apr 24 20:28:38 8t8r daemon.err netopeer2-server[1139]: [operation-not-supported]Duplicate value '1' found for eaxc-id

Apr 24 20:28:38 8t8r daemon.warn netopeer2-server[1139]: Event "rpc" with ID 6 priority 0 failed (User callback failed).

Apr 24 20:28:38 8t8r daemon.err netopeer2-server[1139]: Failed to send an RPC (User callback failed).

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Session 4: thread 3 event new RPC.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Session 4: thread 3 event reply error.

Apr 24 20:28:38 8t8r user.notice SYS_MONITOR[1339]: No alert from Temp sensor

Apr 24 20:28:38 8t8r user.notice SYS_MONITOR[1339]: No alert from power and current sensor

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Session 4: thread 3 event new RPC.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Session 4: thread 3 event session terminated.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: There are no subscribers for "ietf-netconf-notifications" notifications.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Generated new event (netconf-session-end).

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Call Home client "default-client" session terminated.

Apr 24 20:28:38 8t8r daemon.info netopeer2-server[1139]: Trying to connect via IPv4 to 192.168.4.15:4334.

Apr 24 20:28:38 8t8r user.notice SYS_MONITOR[1339]: Status of ethernet port is:down

Apr 24 20:28:38 8t8r authpriv.err sshd[13368]: PAM unable to dlopen(/lib/security/pam_systemd.so): /lib/security/pam_systemd.so: cannot open shared object file: No such file or directory

Apr 24 20:28:38 8t8r authpriv.err sshd[13368]: PAM adding faulty module: /lib/security/pam_systemd.so

Apr 24 20:28:38 8t8r auth.info sshd[13368]: Accepted password for operator from 192.168.3.15 port 53704 ssh2

Apr 24 20:28:38 8t8r authpriv.info sshd[13368]: pam_unix(sshd:session): session opened for user operator(uid=65535) by (uid=0)

Expected Result : The O-RU NETCONF Server responds with

<rpc-reply><ok/></rpc-reply> to the TER NETCONF Client.

===
  **************** Actual Result *****************
===

===
O-RU Configurability Test (negative case) || SUCCESS
===

===
***************************** Summary *****************************
===

DHCP IP 192.168.3.47	successful.
Netopeer Connection	Successful
Capability exchange	Successful
Create-subscription	Successful
Merging interface xml	Successful
Merging processing xml	Successful
Duplicate e-axcid found	Successful
O-RU Configurability Test (negative case)	PASS