



@ FILE NAME: M_CTC_ID_027.txt

@ TEST SCOPE: M PLANE O-RAN CONFORMANCE

@ Software Release for LPRU: v1.0.0

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 enp3s0
=====
```

```
Settings for enp3s0:
Supported ports: [ FIBRE ]
Supported link modes: 10000baseT/Full
Supported pause frame use: Symmetric
Supports auto-negotiation: No
Supported FEC modes: Not reported
Advertised link modes: 10000baseT/Full
Advertised pause frame use: Symmetric
Advertised auto-negotiation: No
Advertised FEC modes: Not reported
Speed: 10000Mb/s
Duplex: Full
Port: FIBRE
PHYAD: 0
Transceiver: internal
Auto-negotiation: off
Supports Wake-on: d
Wake-on: d
Current message level: 0x00000007 (7)
      drv probe link
Link detected: yes
=====
```

```
=====
ping -c 5 192.168.33.37
=====
```

```
PING 192.168.33.37 (192.168.33.37) 56(84) bytes of data.
64 bytes from 192.168.33.37: icmp_seq=1 ttl=64 time=0.065 ms
64 bytes from 192.168.33.37: icmp_seq=2 ttl=64 time=0.146 ms
64 bytes from 192.168.33.37: icmp_seq=3 ttl=64 time=0.159 ms
64 bytes from 192.168.33.37: icmp_seq=4 ttl=64 time=0.137 ms
64 bytes from 192.168.33.37: icmp_seq=5 ttl=64 time=0.147 ms

--- 192.168.33.37 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4094ms
rtt min/avg/max/mdev = 0.065/0.130/0.159/0.036 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 '192.168.33.37' cannot be established.
 ssh-rsa key fingerprint is c0:7c:63:5d:4b:85:e7:27:e0:7e:f0:44:38:4e:ab:83
 Interactive SSH Authentication done.

> status

Current NETCONF session:

ID : 17

Host : 192.168.33.37

Port : 830

Transport : SSH

Capabilities:

```
urn:ietf:params:netconf:base:1.0 urn:ietf:params:netconf:base:1.1 urn:ietf:params:netconf:capability:writable-running:1.0
urn:ietf:params:netconf:capability:candidate:1.0 urn:ietf:params:netconf:capability:rollback-on-error:1.0
urn:ietf:params:netconf:capability:validate:1.1 urn:ietf:params:netconf:capability:startup:1.0 urn:ietf:params:netconf:capability:xpath:1.0
urn:ietf:params:netconf:capability:with-defaults:1.0?basic-mode=explicit&also-supported=report-all,report-all-tagged,trim,explicit
urn:ietf:params:netconf:capability:notification:1.0 urn:ietf:params:netconf:capability:interleave:1.0
urn:ietf:params:xml:ns:yang:ietf-yang-metadata?module=ietf-yang-metadata&revision=2016-08-05
urn:ietf:params:xml:ns:yang:1?module=yang&revision=2017-02-20
urn:ietf:params:xml:ns:yang:ietf-inet-types?module=ietf-inet-types&revision=2013-07-15
urn:ietf:params:xml:ns:yang:ietf-yang-types?module=ietf-yang-types&revision=2013-07-15
urn:ietf:params:netconf:capability:yang-library:1.1?revision=2019-01-04&content-id=61
urn:sysrepo:plugind?module=sysrepo-plugind&revision=2020-12-10
urn:ietf:params:xml:ns:yang:ietf-netconf-acm?module=ietf-netconf-acm&revision=2018-02-14
urn:ietf:params:xml:ns:netconf:base:1.0?module=ietf-netconf&revision=2013-09-29&features=writable-running,candidate,rollback-on-error,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>eth0</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">98:ae:71:00:8a:55</mac-address>
  <port-reference xmlns="urn:o-ran:interfaces:1.0">
    <port-name>ru-port0</port-name>
    <port-number>0</port-number>
  </port-reference>

</interface>
<interface>
  <name>eth0.100</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">eth0</base-interface>
  <vlan-id xmlns="urn:o-ran:interfaces:1.0">100</vlan-id>
  <mac-address xmlns="urn:o-ran:interfaces:1.0">98:ae:71:00:8a:55</mac-address>
  <port-reference xmlns="urn:o-ran:interfaces:1.0">
    <port-name>ru-port0</port-name>
    <port-number>0</port-number>
  </port-reference>
</interface>
<!-- <interface>
  <name>eth0.120</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>
  </ipv4>
  <mac-address xmlns="urn:o-ran:interfaces:1.0">98:ae:71:00:8a:55</mac-address>
  <port-reference xmlns="urn:o-ran:interfaces:1.0">
    <port-name>ru-port0</port-name>
    <port-number>0</port-number>
  </port-reference>
</interface>
```

```

    </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">eth0</base-interface>
  <vlan-id xmlns="urn:o-ran:interfaces:1.0">120</vlan-id>
  <mac-address xmlns="urn:o-ran:interfaces:1.0">98:ae:71:00:8a:55</mac-address>
  <port-reference xmlns="urn:o-ran:interfaces:1.0">
    <port-name>ru-port0</port-name>
    <port-number>0</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:db41dec1-3120-45a4-9598-68a48604283b"><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>element0</name>
          <transport-flow>
            <interface-name>eth0.100</interface-name>
            <eth-flow>
              <ru-mac-address>98:ae:71:00:8a:55</ru-mac-address>
              <vlan-id>100</vlan-id>
              <o-du-mac-address>a0:36:9e:25:93:bf</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:52e0067d-f7ff-41d0-a047-a7417511f722"><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">
    <low-level-tx-links>
      <name>lltxlink0</name>
      <processing-element>element0</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>element0</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>element0</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>element0</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>element0</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>element0</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>element0</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>element0</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>
```



```
<eexc-id>2</eexc-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>
<eexc-id>3</eexc-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>
<eexc-id>4</eexc-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-per-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-per-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>
  </e-axcid>
```

```
<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>646667</absolute-frequency-center>
  <center-of-channel-bandwidth>3700005000</center-of-channel-bandwidth>
  <channel-bandwidth>100000000</channel-bandwidth>
  <gain>0.0</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>
  <state>DISABLED</state>
  <type>NR</type>
  <duplex-scheme>TDD</duplex-scheme>
</tx-array-carriers>
<rx-array-carriers>
  <name>rxarraycarrier0</name>
  <absolute-frequency-center>646667</absolute-frequency-center>
  <center-of-channel-bandwidth>3700005000</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>0.0</gain-correction>
  <n-ta-offset>25600</n-ta-offset>
  <state>DISABLED</state>
  <type>NR</type>
  <duplex-scheme>TDD</duplex-scheme>
</rx-array-carriers>
<tx-arrays>
  <name>sl1tx-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>sltx-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>sltx-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>sltx-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>
<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>
  <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-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>
</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>
  <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>COALLOCATED</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>COALLOCATED</relation-type>
<pairs>
<element-array1>1</element-array1>
<element-array2>1</element-array2>
</pairs>
</types>
</relations>
<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>COALLOCATED</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>COALLOCATED</relation-type>
</pairs>
  <element-array1>1</element-array1>
  <element-array2>3</element-array2>
</pairs>
</types>
</relations>
<endpoint-types>
  <id>1</id>
  <supported-section-types>
    <section-type>1</section-type>
  </supported-section-types>
  <supported-section-types>
    <section-type>3</section-type>
  </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-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>
<endpoint-capacity-sharing-groups/>
<endpoint-capacity-sharing-groups>
  <id>1</id>
  <max-managed-delay-endpoints>4</max-managed-delay-endpoints>
  <max-non-managed-delay-endpoints>0</max-non-managed-delay-endpoints>
  <max-endpoints>4</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 completion 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>element0</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>element0</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>element0</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>element0</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>element0</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>element0</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>element0</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>element0</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>
    <eexc-id>1</eexc-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>
  <eexc-id>4</eexc-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>646667</absolute-frequency-center>
  <center-of-channel-bandwidth>3700005000</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>646667</absolute-frequency-center>
  <center-of-channel-bandwidth>3700005000</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 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 #####
=====
```

```
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.33.58:4334.
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: Successfully connected to 192.168.33.58:4334 over IPv4.
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: Session 799 (user "root", CID 1) created.
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: Received an SSH message "request-service" of subtype "ssh-userauth".
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: Received an SSH message "request-auth" of subtype "password".
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: User "operator" authenticated.
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: Received an SSH message "request-channel-open" of subtype "session".
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: Received an SSH message "request-channel" of subtype "subsystem".
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: Call Home client "default-client" session 17 established.
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: Session 800 (user "root", CID 1) created.
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: There are no subscribers for "ietf-netconf-notifications" notifications.
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: Generated new event (netconf-session-start).
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: Published event "rpc" "/ietf-netconf:get" with ID 46 priority 0 for 1 subscribers.
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: Processing "/ietf-netconf:get" "rpc" event with ID 46 priority 0 (remaining 1 subscribers).
Nov 6 21:37:19 vvdn_lpru daemon.info netopeer2-server[858]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 17.
Nov 6 21:37:19 vvdn_lpru user.notice fw_manager[928]: RPC #17 recieved. xpath -> /o-ran-software-management:software-inventory
Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Event "operational" with ID 17 succeeded.
Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...
Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.
Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN O-RU", but it is not required.
Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.
Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.
Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Successful processing of "rpc" event with ID 46 priority 0 (remaining 0 subscribers).
Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Event "rpc" with ID 46 priority 0 succeeded.
Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...
Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.
Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...
Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.
Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN O-RU", but it is not required.
Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.
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Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Session 17: thread 3 event new RPC.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Published event "rpc" "/ietf-netconf:get-config" with ID 9 priority 0 for 1 subscribers.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Processing "/ietf-netconf:get-config" "rpc" event with ID 9 priority 0 (remaining 1 subscribers).

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Successful processing of "rpc" event with ID 9 priority 0 (remaining 0 subscribers).

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Event "rpc" with ID 9 priority 0 succeeded.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Session 17: thread 4 event new RPC.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Published event "rpc" "/notifications:create-subscription" with ID 17 priority 0 for 1 subscribers.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Processing "/notifications:create-subscription" "rpc" event with ID 17 priority 0 (remaining 1 subscribers).

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Successful processing of "rpc" event with ID 17 priority 0 (remaining 0 subscribers).

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Event "rpc" with ID 17 priority 0 succeeded.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Session 17: thread 3 event new RPC.

Nov 6 21:37:20 vvdn_lpru user.err BMC_COMM[872]: Failed to write data to driver

Nov 6 21:37:20 vvdn_lpru user.err BMC_COMM[872]: Failed to send data to BMC

Nov 6 21:37:20 vvdn_lpru user.err FAULT MANAGER[872]: Error in getTempStatus

Nov 6 21:37:20 vvdn_lpru user.err BMC_COMM[872]: Failed to write data to driver

Nov 6 21:37:20 vvdn_lpru user.err BMC_COMM[872]: Failed to send data to BMC

Nov 6 21:37:20 vvdn_lpru user.err FAULT MANAGER[872]: temp value : 78

Nov 6 21:37:20 vvdn_lpru user.err FAULT MANAGER[872]: Error in get Temperature value

Nov 6 21:37:20 vvdn_lpru user.err BMC_COMM[872]: Failed to write data to driver

Nov 6 21:37:20 vvdn_lpru user.err BMC_COMM[872]: Failed to send data to BMC

Nov 6 21:37:20 vvdn_lpru user.err FAULT MANAGER[872]: Error in SETTLEDMODE

Nov 6 21:37:20 vvdn_lpru user.err FAULT MANAGER[872]: sendData : Source ID: 3

Nov 6 21:37:20 vvdn_lpru user.err FAULT MANAGER[872]: sendData : Fault ID: 3

Nov 6 21:37:20 vvdn_lpru user.err FAULT MANAGER[872]: sendData : FAULT_IS_CLEARED: FALSE

Nov 6 21:37:20 vvdn_lpru user.err FAULT MANAGER[872]: sendData : FAULT_SEVERITY: 1

Nov 6 21:37:20 vvdn_lpru user.err FAULT MANAGER[872]: sendData : FAULT_TIME: 2000-11-06T21:37:20Z

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Published event "rpc" "/ietf-netconf:edit-config" with ID 33 priority 0 for 1 subscribers.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Processing "/ietf-netconf:edit-config" "rpc" event with ID 33 priority 0 (remaining 1 subscribers).

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: edit-config error-option "stop-on-error" not supported, rollback-on-error will be performed.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: No datastore changes to apply.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Successful processing of "rpc" event with ID 33 priority 0 (remaining 0 subscribers).

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Event "rpc" with ID 33 priority 0 succeeded.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Session 17: thread 3 event new RPC.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Published event "rpc" "/ietf-netconf:edit-config" with ID 34 priority 0 for 1 subscribers.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Processing "/ietf-netconf:edit-config" "rpc" event with ID 34 priority 0 (remaining 1 subscribers).

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: edit-config error-option "stop-on-error" not supported, rollback-on-error will be performed.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: No datastore changes to apply.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Successful processing of "rpc" event with ID 34 priority 0 (remaining 0 subscribers).

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Event "rpc" with ID 34 priority 0 succeeded.

Nov 6 21:37:20 vvdn_lpru daemon.info netopeer2-server[858]: Session 17: thread 3 event new RPC.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Published event "rpc" "/ietf-netconf:get" with ID 47 priority 0 for 1 subscribers.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Processing "/ietf-netconf:get" "rpc" event with ID 47 priority 0 (remaining 1 subscribers).

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/tx-arrays" with ID 14.

Nov 6 21:37:21 vvdn_lpru user.notice UPLANECONF[1185]: DATA FOR "o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/tx-arrays" REQUESTED

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Event "operational" with ID 14 succeeded.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Published event "operational"
"/o-ran-uplane-conf:user-plane-configuration/rx-arrays" with ID 14.

Nov 6 21:37:21 vvdn_lpru user.notice UPLANECONF[1185]: DATA FOR "o-ran-uplane-conf"
"/o-ran-uplane-conf:user-plane-configuration/rx-arrays" REQUESTED

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Event "operational" with ID 14 succeeded.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Published event "operational"
"/o-ran-uplane-conf:user-plane-configuration/relations" with ID 14.

Nov 6 21:37:21 vvdn_lpru user.notice UPLANECONF[1185]: DATA FOR "o-ran-uplane-conf"
"/o-ran-uplane-conf:user-plane-configuration/relations" REQUESTED

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Event "operational" with ID 14 succeeded.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Published event "operational"
"/o-ran-uplane-conf:user-plane-configuration/endpoint-types" with ID 14.

Nov 6 21:37:21 vvdn_lpru user.notice UPLANECONF[1185]: DATA FOR "o-ran-uplane-conf"
"/o-ran-uplane-conf:user-plane-configuration/endpoint-types" REQUESTED

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Event "operational" with ID 14 succeeded.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Published event "operational"
"/o-ran-uplane-conf:user-plane-configuration/tx-array-carriers" with ID 14.

Nov 6 21:37:21 vvdn_lpru user.notice UPLANECONF[1185]: DATA FOR "o-ran-uplane-conf"
"/o-ran-uplane-conf:user-plane-configuration/tx-array-carriers" REQUESTED

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Event "operational" with ID 14 succeeded.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Published event "operational"
"/o-ran-uplane-conf:user-plane-configuration/rx-array-carriers" with ID 14.

Nov 6 21:37:21 vvdn_lpru user.notice UPLANECONF[1185]: DATA FOR "o-ran-uplane-conf"
"/o-ran-uplane-conf:user-plane-configuration/rx-array-carriers" REQUESTED

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Event "operational" with ID 14 succeeded.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Published event "operational"
"/o-ran-uplane-conf:user-plane-configuration/static-low-level-tx-endpoints" with ID 14.

Nov 6 21:37:21 vvdn_lpru user.notice UPLANECONF[1185]: DATA FOR "o-ran-uplane-conf"
"/o-ran-uplane-conf:user-plane-configuration/static-low-level-tx-endpoints" REQUESTED

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Event "operational" with ID 14 succeeded.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value
"slltx-endpoint0", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "../endpoint-types/id" with the value "1", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "../endpoint-capacity-sharing-groups/id" with the value "1",
but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value
"slltx-endpoint1", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "../endpoint-types/id" with the value "1", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "../endpoint-capacity-sharing-groups/id" with the value "1",
but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint2", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "../endpoint-types/id" with the value "1", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint3", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "../endpoint-types/id" with the value "1", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Published event "operational"
"/o-ran-uplane-conf:user-plane-configuration/static-low-level-rx-endpoints" with ID 14.

Nov 6 21:37:21 vvdn_lpru user.notice UPLANECONF[1185]: DATA FOR "o-ran-uplane-conf"
"/o-ran-uplane-conf:user-plane-configuration/static-low-level-rx-endpoints" REQUESTED

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Event "operational" with ID 14 succeeded.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint0", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "../endpoint-types/id" with the value "1", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint1", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "../endpoint-types/id" with the value "1", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint2", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "../endpoint-types/id" with the value "1", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint3", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "../endpoint-types/id" with the value "1", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref "../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Published event "operational"
"/o-ran-uplane-conf:user-plane-configuration/endpoint-capacity-sharing-groups" with ID 14.

Nov 6 21:37:21 vvdn_lpru user.notice UPLANECONF[1185]: DATA FOR "o-ran-uplane-conf"
"/o-ran-uplane-conf:user-plane-configuration/endpoint-capacity-sharing-groups" REQUESTED

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Event "operational" with ID 14 succeeded.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Successful processing of "rpc" event with ID 47 priority 0 (remaining 0 subscribers).

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Event "rpc" with ID 47 priority 0 succeeded.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element0",
but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element0",
but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element0",
but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element0",
but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element0",
but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element0",
but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element0",
but it is not required.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: 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.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Session 17: thread 3 event new RPC.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Published event "rpc" "/ietf-netconf:edit-config" with ID 35 priority 0 for 1
subscribers.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Processing "/ietf-netconf:edit-config" "rpc" event with ID 35 priority 0 (remaining
1 subscribers).

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: edit-config error-option "stop-on-error" not supported, rollback-on-error will be
performed.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Published event "change" "o-ran-uplane-conf" with ID 5 priority 0 for 6
subscribers.

Nov 6 21:37:21 vvdn_lpru user.notice UPLANECONF[1185]: EVENT change CHANGES:
/o-ran-uplane-conf:user-plane-configuration/low-level-tx-endpoints

Nov 6 21:37:21 vvdn_lpru user.notice UPLANECONF[1185]: FPGA | lltx-ep-eaxc-id : 1

Nov 6 21:37:21 vvdn_lpru user.err UPLANECONF[1185]: Duplicate value found for eaxc-id !!

Nov 6 21:37:21 vvdn_lpru daemon.err netopeer2-server[858]: [operation-not-supported]Duplicate value '1' found for eaxc-id

Nov 6 21:37:21 vvdn_lpru daemon.warn netopeer2-server[858]: Event "change" with ID 5 priority 0 failed (Operation failed).

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Published event "abort" "o-ran-uplane-conf" with ID 5 priority 0 for 5 subscribers.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Failed processing of "rpc" event with ID 35 priority 0 (remaining 1 subscribers).

Nov 6 21:37:21 vvdn_lpru daemon.err netopeer2-server[858]: [operation-not-supported]Duplicate value '1' found for eaxc-id

Nov 6 21:37:21 vvdn_lpru daemon.warn netopeer2-server[858]: Event "rpc" with ID 35 priority 0 failed (User callback failed).

Nov 6 21:37:21 vvdn_lpru daemon.err netopeer2-server[858]: Failed to send an RPC (User callback failed).

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Session 17: thread 4 event new RPC.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Session 17: thread 4 event reply error.

Nov 6 21:37:21 vvdn_lpru user.notice SYNCMNGR[1174]: Received message from S-Plane

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Session 17: thread 3 event new RPC.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Session 17: thread 3 event session terminated.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: There are no subscribers for "ietf-netconf-notifications" notifications.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Generated new event (netconf-session-end).

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Call Home client "default-client" session terminated.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.33.58:4334.

Nov 6 21:37:21 vvdn_lpru daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Nov 6 21:37:21 vvdn_lpru authpriv.debug sshd[17076]: pam_unix(sshd:account): account operator has password changed in future

Nov 6 21:37:21 vvdn_lpru auth.info sshd[17076]: Accepted password for operator from 192.168.33.58 port 57996 ssh2

Nov 6 21:37:21 vvdn_lpru authpriv.info sshd[17076]: pam_unix(sshd:session): session opened for user operator by (uid=0)

**Expected Result : The O-RU NETCONF Server responds with
<rpc-reply><ok/></rpc-reply> to the TER NETCONF Client.**

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

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

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***** **Summary** *****

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DHCP IP 192.168.33.37	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