@ FILE NAME: **M_CTC_ID_027.txt**

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

@ Software Release for MC1:   **v1.0.5**

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

===

********** 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:192.168.4.43' 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   : 58

    Host   : 192.168.4.43

    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,validate,startup,url,xpath urn:ietf:params:xml:ns:yang:ietf-netconf-with-defaults?module=ietf-netconf-with-defaults&revision=2011-06-01
urn:ietf:params:xml:ns:yang:ietf-netconf-notifications?module=ietf-netconf-notifications&revision=2012-02-06
urn:ietf:params:xml:ns:yang:ietf-netconf-monitoring?module=ietf-netconf-monitoring&revision=2010-10-04
urn:ietf:params:xml:ns:netconf:notification:1.0?module=notifications&revision=2008-07-14
urn:ietf:params:xml:ns:netmod:notification?module=nc-notifications&revision=2008-07-14
urn:ietf:params:xml:ns:yang:ietf-x509-cert-to-name?module=ietf-x509-cert-to-name&revision=2014-12-10
urn:ietf:params:xml:ns:yang:iana-crypt-hash?module=iana-crypt-hash&revision=2014-08-06 urn:notification_history?module=notification_history
urn:ietf:params:xml:ns:yang:iana-if-type?module=iana-if-type&revision=2017-01-19

===

> **subscribe**

===

Ok

==
################## **Pre get filter** ##################
==

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

```xml
<?xml version="1.0" ?>
<data xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0">
 <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>
 <exponent>4</exponent>
</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>
<cp-type>NORMAL</cp-type>
</low-level-tx-endpoints>
<low-level-tx-endpoints>
<name>slltx-endpoint1</name>
<compression>
 <compression-type>STATIC</compression-type>
 <iq-bitwidth>16</iq-bitwidth>
 <exponent>4</exponent>
</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>
```

```xml
  <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>
 <cp-type>NORMAL</cp-type>
</low-level-tx-endpoints>
<low-level-tx-endpoints>
 <name>slltx-endpoint2</name>
 <compression>
  <compression-type>STATIC</compression-type>
  <iq-bitwidth>16</iq-bitwidth>
  <exponent>4</exponent>
 </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>
 <cp-type>NORMAL</cp-type>
</low-level-tx-endpoints>
<low-level-tx-endpoints>
 <name>slltx-endpoint3</name>
 <compression>
  <compression-type>STATIC</compression-type>
  <iq-bitwidth>16</iq-bitwidth>
  <exponent>4</exponent>
 </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>
```

```xml
  <eaxc-id>4</eaxc-id>
 </e-axcid>
 <cp-type>NORMAL</cp-type>
</low-level-tx-endpoints>
<low-level-rx-endpoints>
 <name>sllrx-endpoint0</name>
 <compression>
  <compression-type>STATIC</compression-type>
  <iq-bitwidth>16</iq-bitwidth>
  <exponent>4</exponent>
 </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>
 <cp-type>NORMAL</cp-type>
</low-level-rx-endpoints>
<low-level-rx-endpoints>
 <name>sllrx-endpoint1</name>
 <compression>
  <compression-type>STATIC</compression-type>
  <iq-bitwidth>16</iq-bitwidth>
  <exponent>4</exponent>
 </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>
 <cp-type>NORMAL</cp-type>
</low-level-rx-endpoints>
<low-level-rx-endpoints>
 <name>sllrx-endpoint2</name>
 <compression>
  <compression-type>STATIC</compression-type>
  <iq-bitwidth>16</iq-bitwidth>
  <exponent>4</exponent>
 </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>
 <cp-type>NORMAL</cp-type>
</low-level-rx-endpoints>
<low-level-rx-endpoints>
 <name>sllrx-endpoint3</name>
 <compression>
  <compression-type>STATIC</compression-type>
  <iq-bitwidth>16</iq-bitwidth>
  <exponent>4</exponent>
 </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>
<cp-type>NORMAL</cp-type>
</low-level-rx-endpoints>
<tx-array-carriers>
 <name>txarraycarrier0</name>
 <absolute-frequency-center>151600</absolute-frequency-center>
 <center-of-channel-bandwidth>780500000</center-of-channel-bandwidth>
 <channel-bandwidth>20000000</channel-bandwidth>
 <gain>0.0</gain>
 <downlink-radio-frame-offset>0</downlink-radio-frame-offset>
 <downlink-sfn-offset>0</downlink-sfn-offset>
 <state>READY</state>
 <type>NR</type>
 <duplex-scheme>FDD</duplex-scheme>
</tx-array-carriers>
<rx-array-carriers>
 <name>rxarraycarrier0</name>
 <absolute-frequency-center>140600</absolute-frequency-center>
 <center-of-channel-bandwidth>725500000</center-of-channel-bandwidth>
 <channel-bandwidth>20000000</channel-bandwidth>
 <active>ACTIVE</active>
 <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>READY</state>
 <type>NR</type>
 <duplex-scheme>FDD</duplex-scheme>
</rx-array-carriers>
<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>28</band-number>
<capabilities>
 <max-supported-frequency-dl>803000000</max-supported-frequency-dl>
</capabilities>
<capabilities>
 <min-supported-frequency-dl>758000000</min-supported-frequency-dl>
</capabilities>
<capabilities>
 <max-supported-bandwidth-dl>20000000</max-supported-bandwidth-dl>
</capabilities>
<capabilities>
 <max-num-carriers-dl>2</max-num-carriers-dl>
</capabilities>
<capabilities>
 <max-carrier-bandwidth-dl>20000000</max-carrier-bandwidth-dl>
</capabilities>
<capabilities>
 <min-carrier-bandwidth-dl>1400000</min-carrier-bandwidth-dl>
</capabilities>
</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>28</band-number>
 <capabilities>
  <max-supported-frequency-dl>803000000</max-supported-frequency-dl>
 </capabilities>
 <capabilities>
  <min-supported-frequency-dl>758000000</min-supported-frequency-dl>
```

```
</capabilities>
<capabilities>
 <max-supported-bandwidth-dl>20000000</max-supported-bandwidth-dl>
</capabilities>
<capabilities>
 <max-num-carriers-dl>2</max-num-carriers-dl>
</capabilities>
<capabilities>
 <max-carrier-bandwidth-dl>20000000</max-carrier-bandwidth-dl>
</capabilities>
<capabilities>
 <min-carrier-bandwidth-dl>1400000</min-carrier-bandwidth-dl>
</capabilities>
</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>28</band-number>
 <capabilities>
  <max-supported-frequency-dl>803000000</max-supported-frequency-dl>
 </capabilities>
 <capabilities>
  <min-supported-frequency-dl>758000000</min-supported-frequency-dl>
 </capabilities>
 <capabilities>
  <max-supported-bandwidth-dl>20000000</max-supported-bandwidth-dl>
 </capabilities>
 <capabilities>
  <max-num-carriers-dl>2</max-num-carriers-dl>
 </capabilities>
 <capabilities>
  <max-carrier-bandwidth-dl>20000000</max-carrier-bandwidth-dl>
 </capabilities>
 <capabilities>
  <min-carrier-bandwidth-dl>1400000</min-carrier-bandwidth-dl>
 </capabilities>
```

```xml
</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>28</band-number>
 <capabilities>
  <max-supported-frequency-dl>803000000</max-supported-frequency-dl>
 </capabilities>
 <capabilities>
  <min-supported-frequency-dl>758000000</min-supported-frequency-dl>
 </capabilities>
 <capabilities>
  <max-supported-bandwidth-dl>20000000</max-supported-bandwidth-dl>
 </capabilities>
 <capabilities>
  <max-num-carriers-dl>2</max-num-carriers-dl>
 </capabilities>
 <capabilities>
  <max-carrier-bandwidth-dl>20000000</max-carrier-bandwidth-dl>
 </capabilities>
 <capabilities>
  <min-carrier-bandwidth-dl>1400000</min-carrier-bandwidth-dl>
 </capabilities>
</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>28</band-number>
<capabilities>
 <max-supported-frequency-ul>748000000</max-supported-frequency-ul>
</capabilities>
<capabilities>
 <min-supported-frequency-ul>703000000</min-supported-frequency-ul>
</capabilities>
<capabilities>
 <max-supported-bandwidth-ul>20000000</max-supported-bandwidth-ul>
</capabilities>
<capabilities>
 <max-num-carriers-ul>2</max-num-carriers-ul>
</capabilities>
<capabilities>
 <max-carrier-bandwidth-ul>20000000</max-carrier-bandwidth-ul>
</capabilities>
<capabilities>
 <min-carrier-bandwidth-ul>1400000</min-carrier-bandwidth-ul>
</capabilities>
</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>28</band-number>
 <capabilities>
  <max-supported-frequency-ul>748000000</max-supported-frequency-ul>
 </capabilities>
 <capabilities>
  <min-supported-frequency-ul>703000000</min-supported-frequency-ul>
 </capabilities>
 <capabilities>
  <max-supported-bandwidth-ul>20000000</max-supported-bandwidth-ul>
```

```xml
</capabilities>
<capabilities>
 <max-num-carriers-ul>2</max-num-carriers-ul>
</capabilities>
<capabilities>
 <max-carrier-bandwidth-ul>20000000</max-carrier-bandwidth-ul>
</capabilities>
<capabilities>
 <min-carrier-bandwidth-ul>1400000</min-carrier-bandwidth-ul>
</capabilities>
</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>28</band-number>
 <capabilities>
  <max-supported-frequency-ul>748000000</max-supported-frequency-ul>
 </capabilities>
 <capabilities>
  <min-supported-frequency-ul>703000000</min-supported-frequency-ul>
 </capabilities>
 <capabilities>
  <max-supported-bandwidth-ul>20000000</max-supported-bandwidth-ul>
 </capabilities>
 <capabilities>
  <max-num-carriers-ul>2</max-num-carriers-ul>
 </capabilities>
 <capabilities>
  <max-carrier-bandwidth-ul>20000000</max-carrier-bandwidth-ul>
 </capabilities>
 <capabilities>
  <min-carrier-bandwidth-ul>1400000</min-carrier-bandwidth-ul>
 </capabilities>
</rx-arrays>
<rx-arrays>
 <name>sllrx-endpoint3</name>
```

```xml
<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>28</band-number>
<capabilities>
 <max-supported-frequency-ul>748000000</max-supported-frequency-ul>
</capabilities>
<capabilities>
 <min-supported-frequency-ul>703000000</min-supported-frequency-ul>
</capabilities>
<capabilities>
 <max-supported-bandwidth-ul>20000000</max-supported-bandwidth-ul>
</capabilities>
<capabilities>
 <max-num-carriers-ul>2</max-num-carriers-ul>
</capabilities>
<capabilities>
 <max-carrier-bandwidth-ul>20000000</max-carrier-bandwidth-ul>
</capabilities>
<capabilities>
 <min-carrier-bandwidth-ul>1400000</min-carrier-bandwidth-ul>
</capabilities>
</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>
```

```xml
  </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>
 <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>
```

```xml
  <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>`.

===

===

> edit-config --target running --config --defop replace

===

===

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

===

```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>
  <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>
```

```xml
      <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>
```

```xml
    <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>
```

```xml
      <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>499500</absolute-frequency-center>
  <center-of-channel-bandwidth>3600000000000000000</center-of-channel-bandwidth>
  <channel-bandwidth>20000000</channel-bandwidth>
  <gain>0</gain>
  <downlink-radio-frame-offset>0</downlink-radio-frame-offset>
  <downlink-sfn-offset>0</downlink-sfn-offset>
  <rw-duplex-scheme>FDD</rw-duplex-scheme>
  <rw-type>NR</rw-type>
</tx-array-carriers>
<rx-array-carriers>
  <name>rxarraycarrier0</name>
  <absolute-frequency-center>536999</absolute-frequency-center>
  <center-of-channel-bandwidth>3600000000000000000</center-of-channel-bandwidth>
  <channel-bandwidth>20000000</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>
```

===
############ SYSTEM LOGS #############
===
Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Successfully connected to 192.168.4.15:4334 over IPv4.

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Session 761 (user "root", CID 1) created.

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-service" of subtype "ssh-userauth".

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-auth" of subtype "password".

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: User "operator" authenticated.

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-channel-open" of subtype "session".

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-channel" of subtype "subsystem".

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Call Home client "default-client" session 58 established.

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Session 762 (user "root", CID 1) created.

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: There are no subscribers for "ietf-netconf-notifications" notifications.

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Generated new event (netconf-session-start).

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/ietf-netconf:get" with ID 135 priority 0 for 1 subscribers.

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Processing "/ietf-netconf:get" "rpc" event with ID 135 priority 0 (remaining 1 subscribers).

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Successful processing of "rpc" event with ID 135 priority 0 (remaining 0 subscribers).

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Event "rpc" with ID 135 priority 0 succeeded.

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Session 58: thread 1 event new RPC.

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/ietf-netconf:get" with ID 136 priority 0 for 1 subscribers.

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Processing "/ietf-netconf:get" "rpc" event with ID 136 priority 0 (remaining 1 subscribers).

Oct 29 23:17:19 mcb1 daemon.info netopeer2-server[986]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 24.

Oct 29 23:17:19 mcb1 user.notice fw_manager[1067]: RPC #24 recieved. xpath -> /o-ran-software-management:software-inventory

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 24 succeeded.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: 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.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Successful processing of "rpc" event with ID 136 priority 0 (remaining 0 subscribers).

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Event "rpc" with ID 136 priority 0 succeeded.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: 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.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: There is no leafref

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

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: There is no leafref

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

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Session 58: thread 1 event new RPC.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/ietf-netconf:get-config" with ID 35 priority 0 for 1 subscribers.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Processing "/ietf-netconf:get-config" "rpc" event with ID 35 priority 0 (remaining 1 subscribers).

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Successful processing of "rpc" event with ID 35 priority 0 (remaining 0 subscribers).

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Event "rpc" with ID 35 priority 0 succeeded.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: There is no leafref

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

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: There is no leafref

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

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Session 58: thread 3 event new RPC.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/ietf-netconf:get-config" with ID 36 priority 0 for 1 subscribers.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Processing "/ietf-netconf:get-config" "rpc" event with ID 36 priority 0 (remaining 1 subscribers).

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Successful processing of "rpc" event with ID 36 priority 0 (remaining 0 subscribers).

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Event "rpc" with ID 36 priority 0 succeeded.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: There is no leafref

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

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: There is no leafref

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

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:20 mcb1 daemon.info netopeer2-server[986]: Session 58: thread 3 event new RPC.

Oct 29 23:17:23 mcb1 daemon.err netopeer2-server[986]: Session 1: session idle timeout elapsed.

Oct 29 23:17:23 mcb1 daemon.info netopeer2-server[986]: Session 1: thread 3 event session terminated.

Oct 29 23:17:23 mcb1 daemon.info netopeer2-server[986]: There are no subscribers for "ietf-netconf-notifications" notifications.

Oct 29 23:17:23 mcb1 daemon.info netopeer2-server[986]: Generated new event (netconf-session-end).

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/notifications:create-subscription" with ID 19 priority 0 for 1 subscribers.

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: Processing "/notifications:create-subscription" "rpc" event with ID 19 priority 0 (remaining 1 subscribers).

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: Successful processing of "rpc" event with ID 19 priority 0 (remaining 0 subscribers).

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: Event "rpc" with ID 19 priority 0 succeeded.

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: Session 58: thread 3 event new RPC.

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/ietf-netconf:edit-config" with ID 12 priority 0 for 1 subscribers.

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: Processing "/ietf-netconf:edit-config" "rpc" event with ID 12 priority 0 (remaining 1 subscribers).

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: edit-config error-option "stop-on-error" not supported, rollback-on-error will be performed.

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: No datastore changes to apply.

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: Successful processing of "rpc" event with ID 12 priority 0 (remaining 0 subscribers).

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: Event "rpc" with ID 12 priority 0 succeeded.

Oct 29 23:17:25 mcb1 daemon.info netopeer2-server[986]: Session 58: thread 4 event new RPC.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/ietf-netconf:edit-config" with ID 13 priority 0 for 1 subscribers.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Processing "/ietf-netconf:edit-config" "rpc" event with ID 13 priority 0 (remaining 1 subscribers).

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: edit-config error-option "stop-on-error" not supported, rollback-on-error will be performed.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: No datastore changes to apply.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Successful processing of "rpc" event with ID 13 priority 0 (remaining 0 subscribers).

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Event "rpc" with ID 13 priority 0 succeeded.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Session 58: thread 4 event new RPC.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/ietf-netconf:get" with ID 137 priority 0 for 1 subscribers.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Processing "/ietf-netconf:get" "rpc" event with ID 137 priority 0 (remaining 1 subscribers).

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/tx-arrays" with ID 7.

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_arrays_get_items_cb line:356 DATA FOR "o-ran-uplane-conf"

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

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 7 succeeded.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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 "28", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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 "28", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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 "28", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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 "28", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/rx-arrays" with ID 7.

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_arrays_get_items_cb line:356 DATA FOR "o-ran-uplane-conf"

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

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 7 succeeded.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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 "28", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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 "28", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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 "28", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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 "28", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/relations" with ID 7.

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:relation_get_items_cb line:797 DATA FOR "o-ran-uplane-conf"

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

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 7 succeeded.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/endpoint-types" with ID 7.

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_endpoint_get_items_cb line:180 DATA FOR "o-ran-uplane-conf"

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

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 7 succeeded.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/tx-array-carriers" with ID 7.

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_array_carriers_get_items_cb line:923 DATA FOR

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

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 7 succeeded.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/rx-array-carriers" with ID 7.

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_array_carriers_get_items_cb line:923 DATA FOR

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

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 7 succeeded.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/static-low-level-tx-endpoints" with ID 7.

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_static_endpoint_get_items_cb line:689 DATA FOR

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

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 7 succeeded.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint0", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value

"slltx-endpoint2", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint3", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/static-low-level-rx-endpoints" with ID 7.

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_static_endpoint_get_items_cb line:689 DATA FOR

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

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 7 succeeded.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint0", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint2", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint3", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/endpoint-capacity-sharing-groups" with ID 7.

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_endpoint_get_items_cb line:180 DATA FOR "o-ran-uplane-conf"

"/o-ran-uplane-conf:user-plane-configuration/endpoint-capacity-sharing-groups" REQUESTED

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 7 succeeded.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Successful processing of "rpc" event with ID 137 priority 0 (remaining 0 subscribers).

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Event "rpc" with ID 137 priority 0 succeeded.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element1",

but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element1", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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 "28", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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 "28", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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 "28", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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 "28", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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 "28", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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 "28", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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 "28", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: 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 "28", but it is not required.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Session 58: thread 4 event new RPC.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/ietf-netconf:edit-config" with ID 14 priority 0 for 1 subscribers.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Processing "/ietf-netconf:edit-config" "rpc" event with ID 14 priority 0 (remaining 1 subscribers).

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: edit-config error-option "stop-on-error" not supported, rollback-on-error will be performed.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Published event "change" "o-ran-uplane-conf" with ID 3 priority 0 for 6 subscribers.

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:1097 EVENT change CHANGES:

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:array_carrier_module_change_cb line:3586 EVENT change CHANGES:

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:1128 FPGA | lltx-processing element : element0

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:1128 FPGA | lltx-processing element : element0

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:1128 FPGA | lltx-processing element : element0

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:1128 FPGA | lltx-processing element : element0

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:2881 END OF CHANGES

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:2043 EVENT change CHANGES: /o-ran-uplane-conf:user-plane-configuration/low-level-rx-endpoints

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:array_carrier_module_change_cb line:3917 FPGA | rx-array-carriers-active : INACTIVE

Oct 29 23:17:26 mcb1 user.err UPLANECONF[1325]: @function:array_carrier_module_change_cb line:3621 FPGA | rx-array-carriers-absolute-frequency-center : Unsupported value !!

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:1237 EVENT change CHANGES: /o-ran-uplane-conf:user-plane-configuration/low-level-tx-endpoints

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:2068 FPGA | llrx-ep-exponent : 4

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:array_carrier_module_change_cb line:2926 EVENT change CHANGES:

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:2068 FPGA | llrx-ep-exponent : 4

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:2068 FPGA | llrx-ep-exponent : 4

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:2068 FPGA | llrx-ep-exponent : 4

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:2881 END OF CHANGES

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:1167 EVENT change CHANGES

Oct 29 23:17:26 mcb1 user.err UPLANECONF[1325]: @function:array_carrier_module_change_cb line:2962 FPGA | tx-array-carriers-absolute-frequency-center : Unsupported value !!

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:1855 FPGA | lltx-ep-eaxc-id : 1

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:1200 FPGA | llrx-processing element : element0

Oct 29 23:17:26 mcb1 daemon.err netopeer2-server[986]: [bad-attribute] tx-array-carriers-absolute-frequency-center value should be between ,'151600' to '160600'

Oct 29 23:17:26 mcb1 daemon.warn netopeer2-server[986]: Event "change" with ID 3 priority 0 failed (Operation not supported).

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:1200 FPGA | llrx-processing element : element0

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:1200 FPGA | llrx-processing element : element0

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:1200 FPGA | llrx-processing element : element0

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:2881 END OF CHANGES

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Published event "abort" "o-ran-uplane-conf" with ID 3 priority 0 for 2 subscribers.

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:1167 EVENT abort CHANGES

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:2881 END OF CHANGES

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:1097 EVENT abort CHANGES:

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:2881 END OF CHANGES

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:2043 EVENT abort CHANGES: /o-ran-uplane-conf:user-plane-configuration/low-level-rx-endpoints

Oct 29 23:17:26 mcb1 user.notice UPLANECONF[1325]: @function:uplane_module_change_cb line:2881 END OF CHANGES

Oct 29 23:17:26 mcb1 user.err UPLANECONF[1325]: @function:uplane_module_change_cb line:1880 Duplicate value found for eaxc-id !!

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Failed processing of "rpc" event with ID 14 priority 0 (remaining 1 subscribers).

Oct 29 23:17:26 mcb1 daemon.err netopeer2-server[986]: [bad-attribute] tx-array-carriers-absolute-frequency-center value should be between ,'151600' to '160600'

Oct 29 23:17:26 mcb1 daemon.warn netopeer2-server[986]: Event "rpc" with ID 14 priority 0 failed (User callback failed).

Oct 29 23:17:26 mcb1 daemon.err netopeer2-server[986]: Failed to send an RPC (User callback failed).

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Session 58: thread 4 event new RPC.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Session 58: thread 4 event reply error.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Session 58: thread 2 event new RPC.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Session 58: thread 2 event session terminated.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: There are no subscribers for "ietf-netconf-notifications" notifications.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Generated new event (netconf-session-end).

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Call Home client "default-client" session terminated.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:17:26 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:17:26 mcb1 auth.info sshd[15836]: Accepted password for operator from 192.168.4.15 port 38236 ssh2

Oct 29 23:17:26 mcb1 authpriv.info sshd[15836]: pam_unix(sshd:session): session opened for user operator by (uid=0)

Expected Result : The O-RU NETCONF Sever responds with the <rpc-reply> message indicating rejection of the requested procedure

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


================================================================
***************** FAIL_REASON *****************
================================================================
Description : [bad-attribute] tx-array-carriers-absolute-frequency-center value should be between ,'151600' to '160600'
================================================================
```
O-RU Configurability Test (negative case)   =   FAIL

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