@ FILE NAME: M_CTC_ID_010_.txt

@ TEST SCOPE: M PLANE O-RAN CONFORMANCE

@ Software Release for Garuda_RevD: v5.0.0

Test Description : This scenario validates that the O-RU NETCONF Server properly executes a general get command.

```
================================================================================
********** Connect to the NETCONF Server **********
================================================================================
> connect --ssh --host 192.168.4.46 --port 830 --login operator
             Interactive SSH Authentication
             Type your password:
             Password:
             > status
             Current NETCONF session:
             ID        : 50
             Host      : 192.168.4.46
             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,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

===
Step 1 The TER NETCONF Client triggers <rpc><get> towards the O-RU NETCONF Server.
===

===
> get
===

===
Step 2 The O-RU NETCONF Server responds with <rpc-reply><data> where <data> contains all information elements that the O-RU NETCONF Server is able to expose
===

```
<?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">
 <hardware xmlns="urn:ietf:params:xml:ns:yang:ietf-hardware">
  <component>
   <name>ru-module</name>
   <class xmlns:o-ran-hw="urn:o-ran:hardware:1.0">o-ran-hw:O-RAN-RADIO</class>
   <state>
    <oper-state>enabled</oper-state>
    <usage-state>busy</usage-state>
    <availability-state xmlns="urn:o-ran:hardware:1.0">FAULTY</availability-state>
   </state>
   <o-ran-name xmlns="urn:o-ran:hardware:1.0">ru-module</o-ran-name>
   <description>STLI-RU</description>
   <hardware-rev>B1-20220726</hardware-rev>
   <software-rev>06-v5.0.0</software-rev>
   <serial-num>2203248300002</serial-num>
   <mfg-name>STL-STLI-GARUDA</mfg-name>
   <model-name>RU_INDOOR_GARUDA</model-name>
   <uuid>f81d4fae-7dec-11d0-a765-00a0c91e6bf6</uuid>
   <label-content xmlns="urn:o-ran:hardware:1.0">
    <model-name>true</model-name>
    <serial-number>true</serial-number>
   </label-content>
   <product-code xmlns="urn:o-ran:hardware:1.0">O-RAN RU PROD v1.0.4</product-code>
   <contains-child>ru-port0</contains-child>
   <contains-child>ru-port1</contains-child>
  </component>
  <component>
   <name>ru-port0</name>
   <class xmlns:ianahw="urn:ietf:params:xml:ns:yang:iana-hardware">ianahw:port</class>
   <parent>ru-module</parent>
   <parent-rel-pos>0</parent-rel-pos>
   <state>
    <oper-state>enabled</oper-state>
```

```xml
 <usage-state>busy</usage-state>
 <availability-state xmlns="urn:o-ran:hardware:1.0">FAULTY</availability-state>
 </state>
 <o-ran-name xmlns="urn:o-ran:hardware:1.0">ru-port0</o-ran-name>
 <description>STLI_RU_PORT</description>
 <hardware-rev>B1-20220726</hardware-rev>
 <is-fru>false</is-fru>
 <mfg-date>2020-05-27T09:00:00-05:30</mfg-date>
</component>
<component>
 <name>ru-port1</name>
 <class xmlns:ianahw="urn:ietf:params:xml:ns:yang:iana-hardware">ianahw:port</class>
 <parent>ru-module</parent>
 <parent-rel-pos>1</parent-rel-pos>
 <state>
  <oper-state>enabled</oper-state>
  <usage-state>busy</usage-state>
  <availability-state xmlns="urn:o-ran:hardware:1.0">FAULTY</availability-state>
 </state>
 <o-ran-name xmlns="urn:o-ran:hardware:1.0">ru-port1</o-ran-name>
 <description>STLI_RU_PORT</description>
 <hardware-rev>B1-20220726</hardware-rev>
 <is-fru>false</is-fru>
 <mfg-date>2020-05-27T09:00:00-05:30</mfg-date>
</component>
<last-change>2027-04-14T05:29:32Z</last-change>
</hardware>
<sync xmlns="urn:o-ran:sync:1.0">
<ptp-config>
 <domain-number>24</domain-number>
 <accepted-clock-classes>
  <clock-classes>255</clock-classes>
 </accepted-clock-classes>
 <accepted-clock-classes>
  <clock-classes>248</clock-classes>
 </accepted-clock-classes>
 <accepted-clock-classes>
  <clock-classes>165</clock-classes>
 </accepted-clock-classes>
 <accepted-clock-classes>
  <clock-classes>160</clock-classes>
 </accepted-clock-classes>
 <accepted-clock-classes>
  <clock-classes>150</clock-classes>
 </accepted-clock-classes>
 <accepted-clock-classes>
  <clock-classes>140</clock-classes>
```

```
</accepted-clock-classes>
<accepted-clock-classes>
 <clock-classes>135</clock-classes>
</accepted-clock-classes>
<accepted-clock-classes>
 <clock-classes>7</clock-classes>
</accepted-clock-classes>
<accepted-clock-classes>
 <clock-classes>6</clock-classes>
</accepted-clock-classes>
<ptp-profile>G_8275_1</ptp-profile>
<g-8275-1-config>
 <multicast-mac-address>FORWARDABLE</multicast-mac-address>
 <delay-asymmetry>0</delay-asymmetry>
</g-8275-1-config>
</ptp-config>
<ptp-status>
 <reporting-period>10</reporting-period>
 <lock-state>UNLOCKED</lock-state>
 <clock-class>255</clock-class>
 <clock-identity>0x98AE71FFFE0164D8</clock-identity>
 <partial-timing-supported>false</partial-timing-supported>
 <sources>
  <local-port-number>0</local-port-number>
  <state>DISABLED</state>
  <two-step-flag>true</two-step-flag>
  <leap61>false</leap61>
  <leap59>false</leap59>
  <current-utc-offset-valid>true</current-utc-offset-valid>
  <ptp-timescale>true</ptp-timescale>
  <time-traceable>true</time-traceable>
  <frequency-traceable>true</frequency-traceable>
  <source-clock-identity>0x98AE71FFFE0164D8</source-clock-identity>
  <source-port-number>0</source-port-number>
  <current-utc-offset>37</current-utc-offset>
  <priority1>128</priority1>
  <clock-class>255</clock-class>
  <clock-accuracy>254</clock-accuracy>
  <offset-scaled-log-variance>65535</offset-scaled-log-variance>
  <priority2>255</priority2>
  <grandmaster-clock-identity>0x98AE71FFFE0164D8</grandmaster-clock-identity>
  <steps-removed>0</steps-removed>
  <time-source>160</time-source>
 </sources>
</ptp-status>
<synce-config>
 <acceptance-list-of-ssm>PRC</acceptance-list-of-ssm>
```

```xml
    <acceptance-list-of-ssm>EEC1</acceptance-list-of-ssm>
    <acceptance-list-of-ssm>DNU</acceptance-list-of-ssm>
    <acceptance-list-of-ssm>NONE</acceptance-list-of-ssm>
    <ssm-timeout>5</ssm-timeout>
  </synce-config>
  <synce-status>
   <reporting-period>10</reporting-period>
   <lock-state>UNLOCKED</lock-state>
   <sources>
    <local-port-number>0</local-port-number>
    <state>DISABLED</state>
    <quality-level>0</quality-level>
   </sources>
  </synce-status>
  <sync-status>
   <sync-state>HOLDOVER</sync-state>
   <supported-reference-types>
    <item>PTP</item>
   </supported-reference-types>
   <supported-reference-types>
    <item>SYNCE</item>
   </supported-reference-types>
  </sync-status>
  <sync-capability>
   <sync-t-tsc>ENCHANCED</sync-t-tsc>
  </sync-capability>
 </sync>
 <module-capability xmlns="urn:o-ran:module-cap:1.0">
  <ru-capabilities>
   <ru-supported-category>CAT_A</ru-supported-category>
   <number-of-ru-ports>4</number-of-ru-ports>
   <number-of-spatial-streams>4</number-of-spatial-streams>
   <max-power-per-pa-antenna>25.0</max-power-per-pa-antenna>
   <min-power-per-pa-antenna>23.0</min-power-per-pa-antenna>
   <fronthaul-split-option>7</fronthaul-split-option>
   <format-of-iq-sample>
    <dynamic-compression-supported>false</dynamic-compression-supported>
    <realtime-variable-bit-width-supported>false</realtime-variable-bit-width-supported>
    <compression-method-supported>
     <iq-bitwidth>9</iq-bitwidth>
     <compression-type>STATIC</compression-type>
     <bitwidth>9</bitwidth>
     <exponent>4</exponent>
    </compression-method-supported>
    <compression-method-supported>
     <iq-bitwidth>12</iq-bitwidth>
     <compression-type>STATIC</compression-type>
```

```xml
  <bitwidth>12</bitwidth>
  <exponent>4</exponent>
 </compression-method-supported>
 <compression-method-supported>
  <iq-bitwidth>16</iq-bitwidth>
 </compression-method-supported>
 <variable-bit-width-per-channel-supported>false</variable-bit-width-per-channel-supported>
 <syminc-supported>false</syminc-supported>
 </format-of-iq-sample>
 <energy-saving-by-transmission-blanks>false</energy-saving-by-transmission-blanks>
 <dynamic-transport-delay-management-supported>false</dynamic-transport-delay-management-supported>
</ru-capabilities>
<band-capabilities>
 <band-number>43</band-number>
 <max-supported-frequency-dl>3800000000</max-supported-frequency-dl>
 <min-supported-frequency-dl>3600000000</min-supported-frequency-dl>
 <max-supported-bandwidth-dl>100000000</max-supported-bandwidth-dl>
 <max-num-carriers-dl>1</max-num-carriers-dl>
 <max-carrier-bandwidth-dl>100000000</max-carrier-bandwidth-dl>
 <min-carrier-bandwidth-dl>50000000</min-carrier-bandwidth-dl>
 <max-supported-frequency-ul>3800000000</max-supported-frequency-ul>
 <min-supported-frequency-ul>3600000000</min-supported-frequency-ul>
 <max-supported-bandwidth-ul>100000000</max-supported-bandwidth-ul>
 <max-num-carriers-ul>1</max-num-carriers-ul>
 <max-carrier-bandwidth-ul>100000000</max-carrier-bandwidth-ul>
 <min-carrier-bandwidth-ul>20000000</min-carrier-bandwidth-ul>
 <max-num-component-carriers>1</max-num-component-carriers>
 <max-num-bands>1</max-num-bands>
 <max-num-sectors>1</max-num-sectors>
 <max-power-per-antenna>25.0</max-power-per-antenna>
 <min-power-per-antenna>23.0</min-power-per-antenna>
</band-capabilities>
</module-capability>
<operational-info xmlns="urn:o-ran:operations:1.0">
 <clock>
  <timezone-utc-offset>0</timezone-utc-offset>
  <timezone-name>GMT</timezone-name>
 </clock>
 <declarations>
  <ru-instance-id>GARUDA_RU_MODEL_2020_STLI_RU_01</ru-instance-id>
  <supported-mplane-version>2.0.0</supported-mplane-version>
  <supported-cusplane-version>2.0.0</supported-cusplane-version>
  <supported-header-mechanism>
   <protocol>ECPRI</protocol>
   <protocol-version>1.0</protocol-version>
  </supported-header-mechanism>
 </declarations>
```

```xml
<operational-state>
 <restart-cause>POWER-ON</restart-cause>
 <restart-datetime>2027-04-14T05:15:58Z</restart-datetime>
</operational-state>
</operational-info>
<users xmlns="urn:o-ran:user-mgmt:1.0">
<user>
 <name>oranuser</name>
 <account-type>PASSWORD</account-type>
 <enabled>true</enabled>
</user>
<user>
 <name>operator</name>
 <account-type>PASSWORD</account-type>
 <enabled>true</enabled>
</user>
<user>
 <name>observer</name>
 <account-type>PASSWORD</account-type>
 <enabled>true</enabled>
</user>
<user>
 <name>installer</name>
 <account-type>PASSWORD</account-type>
 <enabled>true</enabled>
</user>
<user>
 <name>operator5310619424927220</name>
 <account-type>PASSWORD</account-type>
 <enabled>true</enabled>
</user>
<user>
 <name>operator42009256600399182198</name>
 <account-type>PASSWORD</account-type>
 <enabled>true</enabled>
</user>
<user>
 <name>operator900036241939705</name>
 <account-type>PASSWORD</account-type>
 <enabled>true</enabled>
</user>
<user>
 <name>operator71319136</name>
 <account-type>PASSWORD</account-type>
 <enabled>true</enabled>
</user>
<user>
```

```
  <name>operator972061</name>
  <account-type>PASSWORD</account-type>
  <enabled>true</enabled>
 </user>
</users>
<nacm xmlns="urn:ietf:params:xml:ns:yang:ietf-netconf-acm">
 <enable-nacm>true</enable-nacm>
 <read-default>deny</read-default>
 <write-default>deny</write-default>
 <exec-default>deny</exec-default>
 <enable-external-groups>false</enable-external-groups>
 <groups>
  <group>
   <name>sudo</name>
   <user-name>operator</user-name>
   <user-name>operator972061</user-name>
  </group>
  <group>
   <name>fm-pm</name>
   <user-name>observer</user-name>
   <user-name>operator5310619424927220</user-name>
  </group>
  <group>
   <name>nms</name>
   <user-name>installer</user-name>
   <user-name>operator42009256600399182198</user-name>
  </group>
  <group>
   <name>swm</name>
   <user-name>operator900036241939705</user-name>
   <user-name>operator71319136</user-name>
  </group>
 </groups>
 <rule-list>
  <name>sudo-access</name>
  <group>sudo</group>
  <rule>
   <name>ietf-netconf-permission</name>
   <module-name>ietf-netconf</module-name>
   <access-operations>exec</access-operations>
   <action>permit</action>
  </rule>
  <rule>
   <name>o-ran-supervision-permission</name>
   <module-name>o-ran-supervision</module-name>
   <access-operations>exec</access-operations>
   <action>permit</action>
```

```xml
</rule>
<rule>
 <name>o-ran-hardware-permission</name>
 <module-name>o-ran-hardware</module-name>
 <access-operations>read exec</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>ietf-hardware-permission</name>
 <module-name>ietf-hardware</module-name>
 <access-operations>create read update delete exec</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>iana-hardware-permission</name>
 <module-name>iana-hardware</module-name>
 <access-operations>create read update delete exec</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-usermgmt-permission1</name>
 <module-name>o-ran-usermgmt</module-name>
 <path xmlns:o-ran-usermgmt="urn:o-ran:user-mgmt:1.0">/o-ran-usermgmt:users/o-ran-usermgmt:user</path>
 <access-operations>create update delete exec</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-usermgmt-permission2</name>
 <module-name>o-ran-usermgmt</module-name>
 <path xmlns:o-ran-usermgmt="urn:o-ran:user-mgmt:1.0">/o-ran-usermgmt:users/o-ran-usermgmt:user/o-ran-usermgmt:name</path>
 <access-operations>create read update delete</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-usermgmt-permission3</name>
 <module-name>o-ran-usermgmt</module-name>
 <path xmlns:o-ran-usermgmt="urn:o-ran:user-mgmt:1.0">/o-ran-usermgmt:users/o-ran-usermgmt:user/o-ran-usermgmt:account-type</path>
 <access-operations>create read update delete</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-usermgmt-permission4</name>
 <module-name>o-ran-usermgmt</module-name>
 <path xmlns:o-ran-usermgmt="urn:o-ran:user-mgmt:1.0">/o-ran-usermgmt:users/o-ran-usermgmt:user/o-ran-usermgmt:password</path>
 <access-operations>create update delete</access-operations>
 <action>permit</action>
</rule>
```

```
<rule>
 <name>o-ran-usermgmt-permission5</name>
 <module-name>o-ran-usermgmt</module-name>
 <path xmlns:o-ran-usermgmt="urn:o-ran:user-mgmt:1.0">o-ran-usermgmt:users/o-ran-usermgmt:user/o-ran-usermgmt:enabled</path>
 <access-operations>create read update delete</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-fm-permission</name>
 <module-name>o-ran-fm</module-name>
 <access-operations>read exec</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-sync-permission</name>
 <module-name>o-ran-sync</module-name>
 <access-operations>create read update delete</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-delay-management-permission</name>
 <module-name>o-ran-delay-management</module-name>
 <access-operations>create read update delete</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-module-cap-permission</name>
 <module-name>o-ran-module-cap</module-name>
 <access-operations>read</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-udp-echo-permission</name>
 <module-name>o-ran-udp-echo</module-name>
 <access-operations>create read update delete</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-operations-permission</name>
 <module-name>o-ran-operations</module-name>
 <access-operations>read exec</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-uplane-conf</name>
 <module-name>o-ran-uplane-conf</module-name>
 <access-operations>create read update delete exec</access-operations>
```

```
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-lbm-permission</name>
 <module-name>o-ran-lbm</module-name>
 <access-operations>create read update delete exec</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-software-management-permission</name>
 <module-name>o-ran-software-management</module-name>
 <access-operations>create read update delete exec</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-file-management-permission</name>
 <module-name>o-ran-file-management</module-name>
 <access-operations>exec</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-performance-management-permission</name>
 <module-name>o-ran-performance-management</module-name>
 <access-operations>create read update delete exec</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-transceiver-permission</name>
 <module-name>o-ran-transceiver</module-name>
 <access-operations>create read update delete</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-interfaces-permission</name>
 <module-name>o-ran-interfaces</module-name>
 <access-operations>create read update delete exec</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>ietf-ip-permission</name>
 <module-name>ietf-ip</module-name>
 <access-operations>create read update delete</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>ietf-interfaces-permission</name>
 <module-name>ietf-interfaces</module-name>
```

```xml
<access-operations>create read update delete</access-operations>
<action>permit</action>
</rule>
<rule>
<name>iana-if-type-permission</name>
<module-name>iana-if-type</module-name>
<access-operations>read</access-operations>
<action>permit</action>
</rule>
<rule>
<name>ietf-inet-types-permission</name>
<module-name>ietf-inet-types</module-name>
<access-operations>read</access-operations>
<action>permit</action>
</rule>
<rule>
<name>o-ran-processing-elements-permission</name>
<module-name>o-ran-processing-element</module-name>
<access-operations>create read update delete</access-operations>
<action>permit</action>
</rule>
<rule>
<name>o-ran-mplane-interfaces-permission</name>
<module-name>o-ran-mplane-int</module-name>
<access-operations>create read update delete</access-operations>
<action>permit</action>
</rule>
<rule>
<name>o-ran-dhcp-permission</name>
<module-name>o-ran-dhcp</module-name>
<access-operations>read</access-operations>
<action>permit</action>
</rule>
<rule>
<name>o-ran-troubleshooting-permission</name>
<module-name>o-ran-troubleshooting</module-name>
<access-operations>exec</access-operations>
<action>permit</action>
</rule>
<rule>
<name>o-ran-trace-permission</name>
<module-name>o-ran-trace</module-name>
<access-operations>exec</access-operations>
<action>permit</action>
</rule>
<rule>
<name>ietf-netconf-acm-permission1</name>
```

```xml
<module-name>ietf-netconf-acm</module-name>
<access-operations>read</access-operations>
<action>permit</action>
</rule>
<rule>
<name>ietf-netconf-acm-permission2</name>
<module-name>ietf-netconf-acm</module-name>
<path xmlns:nacm="urn:ietf:params:xml:ns:yang:ietf-netconf-acm">/nacm:nacm/nacm:groups/nacm:name</path>
<access-operations>read</access-operations>
<action>permit</action>
</rule>
<rule>
<name>ietf-netconf-acm-permission3</name>
<module-name>ietf-netconf-acm</module-name>
<path xmlns:nacm="urn:ietf:params:xml:ns:yang:ietf-netconf-acm">/nacm:nacm/nacm:groups/nacm:group/nacm:user-name</path>
<access-operations>create read update delete</access-operations>
<action>permit</action>
</rule>
<rule>
<name>ietf-yang-library-permission</name>
<module-name>ietf-yang-library</module-name>
<access-operations>*</access-operations>
<action>permit</action>
</rule>
<rule>
<name>ietf-netconf-monitoring-permission</name>
<module-name>ietf-netconf-monitoring</module-name>
<access-operations>*</access-operations>
<action>permit</action>
</rule>
<rule>
<name>ietf-netconf-notifications-permission</name>
<module-name>ietf-netconf-notifications</module-name>
<access-operations>*</access-operations>
<action>permit</action>
</rule>
<rule>
<name>nc-notifications-permission</name>
<module-name>nc-notifications</module-name>
<access-operations>*</access-operations>
<action>permit</action>
</rule>
<rule>
<name>notifications-permission</name>
<module-name>notifications</module-name>
<access-operations>*</access-operations>
<action>permit</action>
```

```xml
 </rule>
</rule-list>
<rule-list>
 <name>nms-access</name>
 <group>nms</group>
 <rule>
  <name>ietf-netconf-permission</name>
  <module-name>ietf-netconf</module-name>
  <access-operations>exec</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>o-ran-hardware-permission</name>
  <module-name>o-ran-hardware</module-name>
  <access-operations>read exec</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>ietf-hardware-permission</name>
  <module-name>ietf-hardware</module-name>
  <access-operations>create read update delete exec</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>iana-hardware-permission</name>
  <module-name>iana-hardware</module-name>
  <access-operations>create read update delete exec</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>o-ran-fm-permission</name>
  <module-name>o-ran-fm</module-name>
  <access-operations>read exec</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>o-ran-sync-permission</name>
  <module-name>o-ran-sync</module-name>
  <access-operations>create read update delete</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>o-ran-delay-management-permission</name>
  <module-name>o-ran-delay-management</module-name>
  <access-operations>read</access-operations>
  <action>permit</action>
 </rule>
```

```xml
<rule>
 <name>o-ran-module-cap-permission</name>
 <module-name>o-ran-module-cap</module-name>
 <access-operations>read</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-udp-echo-permission</name>
 <module-name>o-ran-udp-echo</module-name>
 <access-operations>read</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-operations-permission</name>
 <module-name>o-ran-operations</module-name>
 <access-operations>read</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-uplane-conf</name>
 <module-name>o-ran-uplane-conf</module-name>
 <access-operations>create read update delete exec</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-lbm-permission</name>
 <module-name>o-ran-lbm</module-name>
 <access-operations>create read update delete</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-software-management-permission</name>
 <module-name>o-ran-software-management</module-name>
 <access-operations>create read update delete exec</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-file-management-permission</name>
 <module-name>o-ran-file-management</module-name>
 <access-operations>exec</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-performance-management-permission</name>
 <module-name>o-ran-performance-management</module-name>
 <access-operations>create read update delete exec</access-operations>
 <action>permit</action>
```

```xml
</rule>
<rule>
 <name>o-ran-transceiver-permission</name>
 <module-name>o-ran-transceiver</module-name>
 <access-operations>create read update delete</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-interfaces-permission</name>
 <module-name>o-ran-interfaces</module-name>
 <access-operations>create read update delete exec</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>ietf-ip-permission</name>
 <module-name>ietf-ip</module-name>
 <access-operations>create read update delete</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>ietf-interfaces-permission</name>
 <module-name>ietf-interfaces</module-name>
 <access-operations>create read update delete</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>iana-if-type-permission</name>
 <module-name>iana-if-type</module-name>
 <access-operations>read</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>ietf-inet-types-permission</name>
 <module-name>ietf-inet-types</module-name>
 <access-operations>read</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-processing-elements-permission</name>
 <module-name>o-ran-processing-element</module-name>
 <access-operations>create read update delete</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-mplane-interfaces-permission</name>
 <module-name>o-ran-mplane-int</module-name>
 <access-operations>create read update delete</access-operations>
```

```xml
   <action>permit</action>
  </rule>
  <rule>
   <name>o-ran-dhcp-permission</name>
   <module-name>o-ran-dhcp</module-name>
   <access-operations>read</access-operations>
   <action>permit</action>
  </rule>
  <rule>
   <name>o-ran-troubleshooting-permission</name>
   <module-name>o-ran-troubleshooting</module-name>
   <access-operations>exec</access-operations>
   <action>permit</action>
  </rule>
  <rule>
   <name>o-ran-trace-permission</name>
   <module-name>o-ran-trace</module-name>
   <access-operations>exec</access-operations>
   <action>permit</action>
  </rule>
  <rule>
   <name>ietf-netconf-acm-permission</name>
   <module-name>ietf-netconf-acm</module-name>
   <access-operations>read</access-operations>
   <action>permit</action>
  </rule>
  <rule>
   <name>ietf-yang-library-permission</name>
   <module-name>ietf-yang-library</module-name>
   <access-operations>*</access-operations>
   <action>permit</action>
  </rule>
  <rule>
   <name>ietf-netconf-monitoring-permission</name>
   <module-name>ietf-netconf-monitoring</module-name>
   <access-operations>*</access-operations>
   <action>permit</action>
  </rule>
  <rule>
   <name>ietf-netconf-notifications-permission</name>
   <module-name>ietf-netconf-notifications</module-name>
   <access-operations>*</access-operations>
   <action>permit</action>
  </rule>
  <rule>
   <name>nc-notifications-permission</name>
   <module-name>nc-notifications</module-name>
```

```xml
  <access-operations>*</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>notifications-permission</name>
  <module-name>notifications</module-name>
  <access-operations>*</access-operations>
  <action>permit</action>
 </rule>
</rule-list>
<rule-list>
 <name>fm-pm-access</name>
 <group>fm-pm</group>
 <rule>
  <name>ietf-netconf-permission</name>
  <module-name>ietf-netconf</module-name>
  <access-operations>exec</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>ietf-hardware-permission</name>
  <module-name>ietf-hardware</module-name>
  <access-operations>read exec</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>iana-hardware-permission</name>
  <module-name>iana-hardware</module-name>
  <access-operations>read exec</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>o-ran-fm-permission</name>
  <module-name>o-ran-fm</module-name>
  <access-operations>read exec</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>o-ran-sync-permission</name>
  <module-name>o-ran-sync</module-name>
  <access-operations>read</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>o-ran-delay-management-permission</name>
  <module-name>o-ran-delay-management</module-name>
  <access-operations>read</access-operations>
```

```
   <action>permit</action>
  </rule>
  <rule>
   <name>o-ran-module-cap-permission</name>
   <module-name>o-ran-module-cap</module-name>
   <access-operations>read</access-operations>
   <action>permit</action>
  </rule>
  <rule>
   <name>o-ran-operations-permission</name>
   <module-name>o-ran-operations</module-name>
   <access-operations>read</access-operations>
   <action>permit</action>
  </rule>
  <rule>
   <name>o-ran-uplane-conf</name>
   <module-name>o-ran-uplane-conf</module-name>
   <access-operations>read</access-operations>
   <action>permit</action>
  </rule>
  <rule>
   <name>o-ran-lbm-permission</name>
   <module-name>o-ran-lbm</module-name>
   <access-operations>read</access-operations>
   <action>permit</action>
  </rule>
  <rule>
   <name>o-ran-software-management-permission</name>
   <module-name>o-ran-software-management</module-name>
   <access-operations>read</access-operations>
   <action>permit</action>
  </rule>
  <rule>
   <name>o-ran-file-management-permission</name>
   <module-name>o-ran-file-management</module-name>
   <access-operations>exec</access-operations>
   <action>permit</action>
  </rule>
  <rule>
   <name>o-ran-performance-management-permission</name>
   <module-name>o-ran-performance-management</module-name>
   <access-operations>create read update delete exec</access-operations>
   <action>permit</action>
  </rule>
  <rule>
   <name>o-ran-transceiver-permission</name>
   <module-name>o-ran-transceiver</module-name>
```

```
 <access-operations>read</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-interfaces-permission</name>
 <module-name>o-ran-interfaces</module-name>
 <access-operations>read</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>ietf-ip-permission</name>
 <module-name>ietf-ip</module-name>
 <access-operations>read</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>ietf-interfaces-permission</name>
 <module-name>ietf-interfaces</module-name>
 <access-operations>read</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>iana-if-type-permission</name>
 <module-name>iana-if-type</module-name>
 <access-operations>read</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>ietf-inet-types-permission</name>
 <module-name>ietf-inet-types</module-name>
 <access-operations>read</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-processing-elements-permission</name>
 <module-name>o-ran-processing-element</module-name>
 <access-operations>read</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-mplane-interfaces-permission</name>
 <module-name>o-ran-mplane-int</module-name>
 <access-operations>read</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-dhcp-permission</name>
```

```
 <module-name>o-ran-dhcp</module-name>
 <access-operations>read</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-troubleshooting-permission</name>
 <module-name>o-ran-troubleshooting</module-name>
 <access-operations>exec</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>o-ran-trace-permission</name>
 <module-name>o-ran-trace</module-name>
 <access-operations>exec</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>ietf-netconf-acm-permission</name>
 <module-name>ietf-netconf-acm</module-name>
 <access-operations>read</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>ietf-yang-library-permission</name>
 <module-name>ietf-yang-library</module-name>
 <access-operations>*</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>ietf-netconf-monitoring-permission</name>
 <module-name>ietf-netconf-monitoring</module-name>
 <access-operations>*</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>ietf-netconf-notifications-permission</name>
 <module-name>ietf-netconf-notifications</module-name>
 <access-operations>*</access-operations>
 <action>permit</action>
</rule>
<rule>
 <name>nc-notifications-permission</name>
 <module-name>nc-notifications</module-name>
 <access-operations>*</access-operations>
 <action>permit</action>
</rule>
<rule>
```

```xml
  <name>notifications-permission</name>
  <module-name>notifications</module-name>
  <access-operations>*</access-operations>
  <action>permit</action>
 </rule>
</rule-list>
<rule-list>
 <name>swm-access</name>
 <group>swm</group>
 <rule>
  <name>ietf-netconf-permission</name>
  <module-name>ietf-netconf</module-name>
  <access-operations>exec</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>o-ran-software-management-permission</name>
  <module-name>o-ran-software-management</module-name>
  <access-operations>create read update delete exec</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>iana-if-type-permission</name>
  <module-name>iana-if-type</module-name>
  <access-operations>read</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>ietf-inet-types-permission</name>
  <module-name>ietf-inet-types</module-name>
  <access-operations>read</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>ietf-netconf-acm-permission</name>
  <module-name>ietf-netconf-acm</module-name>
  <access-operations>read</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>ietf-yang-library-permission</name>
  <module-name>ietf-yang-library</module-name>
  <access-operations>*</access-operations>
  <action>permit</action>
 </rule>
 <rule>
  <name>ietf-netconf-monitoring-permission</name>
```

```
<module-name>ietf-netconf-monitoring</module-name>
<access-operations>*</access-operations>
<action>permit</action>
</rule>
<rule>
<name>ietf-netconf-notifications-permission</name>
<module-name>ietf-netconf-notifications</module-name>
<access-operations>*</access-operations>
<action>permit</action>
</rule>
<rule>
<name>nc-notifications-permission</name>
<module-name>nc-notifications</module-name>
<access-operations>*</access-operations>
<action>permit</action>
</rule>
<rule>
<name>notifications-permission</name>
<module-name>notifications</module-name>
<access-operations>*</access-operations>
<action>permit</action>
</rule>
</rule-list>
<denied-operations>0</denied-operations>
<denied-data-writes>3</denied-data-writes>
<denied-notifications>0</denied-notifications>
</nacm>
<interfaces xmlns="urn:ietf:params:xml:ns:yang:ietf-interfaces">
<interface>
<name>lo</name>
<enabled>true</enabled>
<type xmlns:ianaift="urn:ietf:params:xml:ns:yang:iana-if-type">ianaift:ethernetCsmacd</type>
<ipv4 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip">
<address>
<ip>127.0.0.1</ip>
<netmask>255.0.0.0</netmask>
</address>
<enabled>true</enabled>
</ipv4>
<mac-address xmlns="urn:o-ran:interfaces:1.0">00:00:00:00:00:00</mac-address>
<statistics>
<in-octets>0</in-octets>
<in-discards>0</in-discards>
<in-errors>0</in-errors>
<out-octets>0</out-octets>
<out-errors>0</out-errors>
<out-discards>0</out-discards>
```

```xml
 </statistics>
 <oper-status>up</oper-status>
 <phys-address>00:00:00:00:00:00</phys-address>
 <last-cleared xmlns="urn:o-ran:interfaces:1.0">2020-05-19T16:39:57-08:00</last-cleared>
</interface>
<interface>
 <name>eth0</name>
 <enabled>true</enabled>
 <type xmlns:ianaift="urn:ietf:params:xml:ns:yang:iana-if-type">ianaift:ethernetCsmacd</type>
 <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>
  <address>
   <ip>192.168.4.46</ip>
   <netmask>255.255.255.0</netmask>
  </address>
 </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:71:01:64:d8</mac-address>
 <port-reference xmlns="urn:o-ran:interfaces:1.0">
  <port-name>ru-port0</port-name>
  <port-number>0</port-number>
 </port-reference>
 <statistics>
  <in-octets>1757251</in-octets>
  <in-discards>0</in-discards>
  <in-errors>0</in-errors>
  <out-octets>7170233</out-octets>
  <out-errors>0</out-errors>
  <out-discards>0</out-discards>
 </statistics>
 <oper-status>up</oper-status>
 <phys-address>98:ae:71:01:64:d8</phys-address>
 <last-cleared xmlns="urn:o-ran:interfaces:1.0">2020-05-19T16:39:57-08:00</last-cleared>
</interface>
<interface>
 <name>eth0.100</name>
 <type xmlns:ianaift="urn:ietf:params:xml:ns:yang:iana-if-type">ianaift:l2vlan</type>
```

```xml
<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:71:01:64:d8</mac-address>
<port-reference xmlns="urn:o-ran:interfaces:1.0">
 <port-name>ru-port0</port-name>
 <port-number>0</port-number>
</port-reference>
<statistics>
 <in-octets>0</in-octets>
 <in-discards>0</in-discards>
 <in-errors>0</in-errors>
 <out-octets>796</out-octets>
 <out-errors>0</out-errors>
 <out-discards>0</out-discards>
</statistics>
<oper-status>up</oper-status>
<phys-address>98:ae:71:01:64:d8</phys-address>
<last-cleared xmlns="urn:o-ran:interfaces:1.0">2020-05-19T16:39:57-08:00</last-cleared>
</interface>
</interfaces>
<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:71:01:64:d8</ru-mac-address>
   <vlan-id>100</vlan-id>
   <o-du-mac-address>64:9d:99:b1:7e:63</o-du-mac-address>
  </eth-flow>
 </transport-flow>
</ru-elements>
<maximum-number-of-transport-flows>4</maximum-number-of-transport-flows>
</processing-elements>
<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>
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</low-level-rx-links>
<low-level-rx-links>
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</low-level-rx-links>
<low-level-rx-links>
 <name>llrxlink2</name>
 <processing-element>element0</processing-element>
 <rx-array-carrier>rxarraycarrier0</rx-array-carrier>
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</low-level-rx-links>
<low-level-rx-links>
 <name>llrxlink3</name>
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</low-level-rx-links>
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  <compression-type>STATIC</compression-type>
  <iq-bitwidth>16</iq-bitwidth>
 </compression>
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 <cp-length-other>288</cp-length-other>
 <offset-to-absolute-frequency-center>0</offset-to-absolute-frequency-center>
```

```xml
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 <number-of-prb>273</number-of-prb>
</number-of-prb-per-scs>
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 <band-sector-bitmask>448</band-sector-bitmask>
 <ccid-bitmask>56</ccid-bitmask>
 <ru-port-bitmask>15</ru-port-bitmask>
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</e-axcid>
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<low-level-tx-endpoints>
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</compression>
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 <ccid-bitmask>56</ccid-bitmask>
 <ru-port-bitmask>15</ru-port-bitmask>
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</compression>
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<cp-length-other>288</cp-length-other>
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 <number-of-prb>273</number-of-prb>
</number-of-prb-per-scs>
<e-axcid>
```

```xml
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    <band-sector-bitmask>448</band-sector-bitmask>
    <ccid-bitmask>56</ccid-bitmask>
    <ru-port-bitmask>15</ru-port-bitmask>
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  <low-level-tx-endpoints>
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   </compression>
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   <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>15</ru-port-bitmask>
    <eaxc-id>4</eaxc-id>
   </e-axcid>
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  <low-level-rx-endpoints>
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    <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>
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    <band-sector-bitmask>448</band-sector-bitmask>
```

```xml
    <ccid-bitmask>56</ccid-bitmask>
    <ru-port-bitmask>15</ru-port-bitmask>
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  <low-level-rx-endpoints>
   <name>sllrx-endpoint1</name>
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    <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>
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    <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>15</ru-port-bitmask>
    <eaxc-id>2</eaxc-id>
   </e-axcid>
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  </low-level-rx-endpoints>
  <low-level-rx-endpoints>
   <name>sllrx-endpoint2</name>
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    <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>
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  <band-sector-bitmask>448</band-sector-bitmask>
  <ccid-bitmask>56</ccid-bitmask>
  <ru-port-bitmask>15</ru-port-bitmask>
  <eaxc-id>3</eaxc-id>
</e-axcid>
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</low-level-rx-endpoints>
<low-level-rx-endpoints>
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<compression>
  <compression-type>STATIC</compression-type>
  <iq-bitwidth>16</iq-bitwidth>
</compression>
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<cp-length-other>288</cp-length-other>
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  <scs>KHZ_30</scs>
  <number-of-prb>273</number-of-prb>
</number-of-prb-per-scs>
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</ul-fft-sampling-offsets>
<e-axcid>
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  <band-sector-bitmask>448</band-sector-bitmask>
  <ccid-bitmask>56</ccid-bitmask>
  <ru-port-bitmask>15</ru-port-bitmask>
  <eaxc-id>4</eaxc-id>
</e-axcid>
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<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>
<state>DISABLED</state>
<type>NR</type>
<duplex-scheme>TDD</duplex-scheme>
</tx-array-carriers>
<rx-array-carriers>
```

```xml
<name>rxarraycarrier0</name>
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<center-of-channel-bandwidth>3600000000</center-of-channel-bandwidth>
<channel-bandwidth>100000000</channel-bandwidth>
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<downlink-sfn-offset>0</downlink-sfn-offset>
<gain-correction>0.0</gain-correction>
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<type>NR</type>
<duplex-scheme>TDD</duplex-scheme>
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 <zenith-angle>1.0</zenith-angle>
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 <y>1.0</y>
 <z>1.0</z>
</leftmost-bottom-array-element-position>
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</tx-arrays>
<tx-arrays>
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<number-of-columns>1</number-of-columns>
<number-of-array-layers>1</number-of-array-layers>
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 <zenith-angle>1.0</zenith-angle>
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```xml
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 <vertical-spacing>1.0</vertical-spacing>
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  <azimuth-angle>1.0</azimuth-angle>
  <zenith-angle>1.0</zenith-angle>
 </normal-vector-direction>
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  <x>1.0</x>
  <y>1.0</y>
  <z>1.0</z>
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</tx-arrays>
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 <vertical-spacing>1.0</vertical-spacing>
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  <zenith-angle>1.0</zenith-angle>
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  <y>1.0</y>
  <z>1.0</z>
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<rx-arrays>
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  <azimuth-angle>1.0</azimuth-angle>
  <zenith-angle>1.0</zenith-angle>
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```
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 <vertical-spacing>1.0</vertical-spacing>
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  <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>
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<rx-arrays>
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 <number-of-columns>1</number-of-columns>
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  <zenith-angle>1.0</zenith-angle>
 </normal-vector-direction>
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  <y>1.0</y>
  <z>1.0</z>
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<rx-arrays>
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```
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 <array2>
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 </array2>
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   <element-array2>0</element-array2>
  </pairs>
 </types>
</relations>
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 <array2>
  <rx-array-name>sllrx-endpoint1</rx-array-name>
 </array2>
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  <pairs>
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   <element-array2>1</element-array2>
  </pairs>
 </types>
```

```xml
</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>
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  <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>
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 <types>
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  <pairs>
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   <element-array2>3</element-array2>
  </pairs>
 </types>
</relations>
<endpoint-types>
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</supported-section-types>
<supported-section-types>
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</supported-section-types>
<supported-frame-structures>193</supported-frame-structures>
<managed-delay-support>MANAGED</managed-delay-support>
<multiple-numerology-supported>false</multiple-numerology-supported>
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<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>
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<array>slltx-endpoint0</array>
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<capacity-sharing-groups>1</capacity-sharing-groups>
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<static-low-level-tx-endpoints>
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<array>slltx-endpoint1</array>
<endpoint-type>1</endpoint-type>
<capacity-sharing-groups>1</capacity-sharing-groups>
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<static-low-level-tx-endpoints>
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<array>slltx-endpoint2</array>
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<capacity-sharing-groups>1</capacity-sharing-groups>
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<array>slltx-endpoint3</array>
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<capacity-sharing-groups>1</capacity-sharing-groups>
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</static-low-level-rx-endpoints>
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<endpoint-capacity-sharing-groups>
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 <max-sections-per-slot>644</max-sections-per-slot>
 <max-prb-per-symbol>273</max-prb-per-symbol>
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</endpoint-capacity-sharing-groups>
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<yang-library xmlns="urn:ietf:params:xml:ns:yang:ietf-yang-library">
<module-set>
 <name>complete</name>
 <import-only-module>
  <name>ietf-yang-metadata</name>
  <revision>2016-08-05</revision>
  <namespace>urn:ietf:params:xml:ns:yang:ietf-yang-metadata</namespace>
 </import-only-module>
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  <revision>2017-02-20</revision>
  <namespace>urn:ietf:params:xml:ns:yang:1</namespace>
 </module>
 <import-only-module>
  <name>ietf-inet-types</name>
  <revision>2013-07-15</revision>
  <namespace>urn:ietf:params:xml:ns:yang:ietf-inet-types</namespace>
  <location>file:///etc/sysrepo/yang/yang_models/imported/ietf/ietf-inet-types.yang</location>
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  <revision>2013-07-15</revision>
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 </import-only-module>
 <module>
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  <revision>2021-01-18</revision>
  <namespace>http://www.sysrepo.org/yang/sysrepo</namespace>

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</module>
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 <revision>2018-02-14</revision>
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</module>
<module>
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 <revision>2019-01-04</revision>
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 <location>file:///etc/sysrepo/yang/ietf-yang-library@2019-01-04.yang</location>
</module>
<module>
 <name>sysrepo-monitoring</name>
 <revision>2021-01-15</revision>
 <namespace>http://www.sysrepo.org/yang/sysrepo-monitoring</namespace>
 <location>file:///etc/sysrepo/yang/sysrepo-monitoring@2021-01-15.yang</location>
</module>
<module>
 <name>sysrepo-plugind</name>
 <revision>2020-12-10</revision>
 <namespace>urn:sysrepo:plugind</namespace>
 <location>file:///etc/sysrepo/yang/sysrepo-plugind@2020-12-10.yang</location>
</module>
<module>
 <name>ietf-netconf-acm</name>
 <revision>2018-02-14</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-acm</namespace>
 <location>file:///etc/sysrepo/yang/ietf-netconf-acm@2018-02-14.yang</location>
</module>
<module>
 <name>ietf-netconf</name>
 <revision>2013-09-29</revision>
 <namespace>urn:ietf:params:xml:ns:netconf:base:1.0</namespace>
 <location>file:///etc/sysrepo/yang/ietf-netconf@2013-09-29.yang</location>
 <feature>writable-running</feature>
 <feature>candidate</feature>
 <feature>rollback-on-error</feature>
 <feature>validate</feature>
 <feature>startup</feature>
 <feature>url</feature>
 <feature>xpath</feature>
</module>
<module>
 <name>ietf-netconf-with-defaults</name>
 <revision>2011-06-01</revision>
```

```
<namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-with-defaults</namespace>
<location>file:///etc/sysrepo/yang/ietf-netconf-with-defaults@2011-06-01.yang</location>
</module>
<module>
<name>ietf-netconf-notifications</name>
<revision>2012-02-06</revision>
<namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-notifications</namespace>
<location>file:///etc/sysrepo/yang/ietf-netconf-notifications@2012-02-06.yang</location>
</module>
<module>
<name>ietf-origin</name>
<revision>2018-02-14</revision>
<namespace>urn:ietf:params:xml:ns:yang:ietf-origin</namespace>
<location>file:///etc/sysrepo/yang/ietf-origin@2018-02-14.yang</location>
</module>
<module>
<name>ietf-netconf-monitoring</name>
<revision>2010-10-04</revision>
<namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-monitoring</namespace>
<location>file:///etc/sysrepo/yang/ietf-netconf-monitoring@2010-10-04.yang</location>
</module>
<module>
<name>ietf-netconf-nmda</name>
<revision>2019-01-07</revision>
<namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-nmda</namespace>
<location>file:///etc/sysrepo/yang/ietf-netconf-nmda@2019-01-07.yang</location>
<feature>origin</feature>
<feature>with-defaults</feature>
</module>
<module>
<name>notifications</name>
<revision>2008-07-14</revision>
<namespace>urn:ietf:params:xml:ns:netconf:notification:1.0</namespace>
<location>file:///etc/sysrepo/yang/notifications@2008-07-14.yang</location>
</module>
<module>
<name>nc-notifications</name>
<revision>2008-07-14</revision>
<namespace>urn:ietf:params:xml:ns:netmod:notification</namespace>
<location>file:///etc/sysrepo/yang/nc-notifications@2008-07-14.yang</location>
</module>
<module>
<name>ietf-x509-cert-to-name</name>
<revision>2014-12-10</revision>
<namespace>urn:ietf:params:xml:ns:yang:ietf-x509-cert-to-name</namespace>
<location>file:///etc/sysrepo/yang/ietf-x509-cert-to-name@2014-12-10.yang</location>
</module>
```

```
<module>
 <name>ietf-crypto-types</name>
 <revision>2019-07-02</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-crypto-types</namespace>
 <location>file:///etc/sysrepo/yang/ietf-crypto-types@2019-07-02.yang</location>
</module>
<module>
 <name>ietf-keystore</name>
 <revision>2019-07-02</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-keystore</namespace>
 <location>file:///etc/sysrepo/yang/ietf-keystore@2019-07-02.yang</location>
 <feature>keystore-supported</feature>
</module>
<module>
 <name>ietf-truststore</name>
 <revision>2019-07-02</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-truststore</namespace>
 <location>file:///etc/sysrepo/yang/ietf-truststore@2019-07-02.yang</location>
 <feature>truststore-supported</feature>
 <feature>x509-certificates</feature>
</module>
<module>
 <name>ietf-tcp-common</name>
 <revision>2019-07-02</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-tcp-common</namespace>
 <location>file:///etc/sysrepo/yang/ietf-tcp-common@2019-07-02.yang</location>
 <feature>keepalives-supported</feature>
</module>
<import-only-module>
 <name>ietf-ssh-common</name>
 <revision>2019-07-02</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-ssh-common</namespace>
 <location>file:///etc/sysrepo/yang/ietf-ssh-common@2019-07-02.yang</location>
</import-only-module>
<import-only-module>
 <name>iana-crypt-hash</name>
 <revision>2014-08-06</revision>
 <namespace>urn:ietf:params:xml:ns:yang:iana-crypt-hash</namespace>
 <location>file:///etc/sysrepo/yang/iana-crypt-hash@2014-08-06.yang</location>
</import-only-module>
<module>
 <name>ietf-ssh-server</name>
 <revision>2019-07-02</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-ssh-server</namespace>
 <location>file:///etc/sysrepo/yang/ietf-ssh-server@2019-07-02.yang</location>
 <feature>local-client-auth-supported</feature>
</module>
```

```
<import-only-module>
 <name>ietf-tls-common</name>
 <revision>2019-07-02</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-tls-common</namespace>
 <location>file:///etc/sysrepo/yang/ietf-tls-common@2019-07-02.yang</location>
</import-only-module>
<module>
 <name>ietf-tls-server</name>
 <revision>2019-07-02</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-tls-server</namespace>
 <location>file:///etc/sysrepo/yang/ietf-tls-server@2019-07-02.yang</location>
 <feature>local-client-auth-supported</feature>
</module>
<import-only-module>
 <name>ietf-tcp-client</name>
 <revision>2019-07-02</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-tcp-client</namespace>
 <location>file:///etc/sysrepo/yang/ietf-tcp-client@2019-07-02.yang</location>
</import-only-module>
<import-only-module>
 <name>ietf-tcp-server</name>
 <revision>2019-07-02</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-tcp-server</namespace>
 <location>file:///etc/sysrepo/yang/ietf-tcp-server@2019-07-02.yang</location>
</import-only-module>
<module>
 <name>ietf-netconf-server</name>
 <revision>2019-07-02</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-server</namespace>
 <location>file:///etc/sysrepo/yang/ietf-netconf-server@2019-07-02.yang</location>
 <feature>ssh-listen</feature>
 <feature>tls-listen</feature>
 <feature>ssh-call-home</feature>
 <feature>tls-call-home</feature>
</module>
<module>
 <name>stli_giru-wdm</name>
 <revision>2021-05-06</revision>
 <namespace>urn:stli_giru:wdm:1.1</namespace>
 <location>file:///etc/sysrepo/yang/stli_giru-wdm@2021-05-06.yang</location>
</module>
<module>
 <name>stli_giru-opm</name>
 <revision>2020-11-08</revision>
 <namespace>urn:stli_giru-opm:1.1</namespace>
 <location>file:///etc/sysrepo/yang/stli_giru-opm@2020-11-08.yang</location>
</module>
```

```
<module>
 <name>notification_history</name>
 <namespace>urn:notification_history</namespace>
 <location>file:///etc/sysrepo/yang/notification_history.yang</location>
</module>
<module>
 <name>iana-hardware</name>
 <revision>2018-03-13</revision>
 <namespace>urn:ietf:params:xml:ns:yang:iana-hardware</namespace>
 <location>file:///etc/sysrepo/yang/iana-hardware@2018-03-13.yang</location>
</module>
<module>
 <name>ietf-hardware</name>
 <revision>2018-03-13</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-hardware</namespace>
 <location>file:///etc/sysrepo/yang/ietf-hardware@2018-03-13.yang</location>
 <feature>hardware-state</feature>
</module>
<module>
 <name>ietf-interfaces</name>
 <revision>2018-02-20</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-interfaces</namespace>
 <location>file:///etc/sysrepo/yang/ietf-interfaces@2018-02-20.yang</location>
</module>
<module>
 <name>iana-if-type</name>
 <revision>2017-01-19</revision>
 <namespace>urn:ietf:params:xml:ns:yang:iana-if-type</namespace>
 <location>file:///etc/sysrepo/yang/iana-if-type@2017-01-19.yang</location>
</module>
<module>
 <name>ietf-dhcpv6-types</name>
 <revision>2018-01-30</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-dhcpv6-types</namespace>
 <location>file:///etc/sysrepo/yang/ietf-dhcpv6-types@2018-01-30.yang</location>
</module>
<module>
 <name>ietf-ip</name>
 <revision>2018-02-22</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-ip</namespace>
 <location>file:///etc/sysrepo/yang/ietf-ip@2018-02-22.yang</location>
 <feature>ipv4-non-contiguous-netmasks</feature>
</module>
<module>
 <name>o-ran-dhcp</name>
 <revision>2019-07-03</revision>
 <namespace>urn:o-ran:dhcp:1.0</namespace>
```

```
<location>file:///etc/sysrepo/yang/o-ran-dhcp@2019-07-03.yang</location>
</module>
<module>
 <name>o-ran-interfaces</name>
 <revision>2019-07-03</revision>
 <namespace>urn:o-ran:interfaces:1.0</namespace>
 <location>file:///etc/sysrepo/yang/o-ran-interfaces@2019-07-03.yang</location>
</module>
<module>
 <name>o-ran-mplane-int</name>
 <revision>2019-07-03</revision>
 <namespace>urn:o-ran:mplane-interfaces:1.0</namespace>
 <location>file:///etc/sysrepo/yang/o-ran-mplane-int@2019-07-03.yang</location>
</module>
<module>
 <name>o-ran-transceiver</name>
 <revision>2019-07-03</revision>
 <namespace>urn:o-ran:transceiver:1.0</namespace>
 <location>file:///etc/sysrepo/yang/o-ran-transceiver@2019-07-03.yang</location>
</module>
<module>
 <name>o-ran-processing-element</name>
 <revision>2019-07-03</revision>
 <namespace>urn:o-ran:processing-element:1.0</namespace>
 <location>file:///etc/sysrepo/yang/o-ran-processing-element@2019-07-03.yang</location>
</module>
<module>
 <name>o-ran-supervision</name>
 <revision>2019-07-03</revision>
 <namespace>urn:o-ran:supervision:1.0</namespace>
 <location>file:///etc/sysrepo/yang/o-ran-supervision@2019-07-03.yang</location>
</module>
<module>
 <name>o-ran-hardware</name>
 <revision>2019-07-03</revision>
 <namespace>urn:o-ran:hardware:1.0</namespace>
 <location>file:///etc/sysrepo/yang/o-ran-hardware@2019-07-03.yang</location>
</module>
<module>
 <name>o-ran-fm</name>
 <revision>2019-02-04</revision>
 <namespace>urn:o-ran:fm:1.0</namespace>
 <location>file:///etc/sysrepo/yang/o-ran-fm@2019-02-04.yang</location>
</module>
<module>
 <name>o-ran-usermgmt</name>
 <revision>2019-07-03</revision>
```

```xml
<namespace>urn:o-ran:user-mgmt:1.0</namespace>
<location>file:///etc/sysrepo/yang/o-ran-usermgmt@2019-07-03.yang</location>
</module>
<module>
<name>o-ran-sync</name>
<revision>2019-07-03</revision>
<namespace>urn:o-ran:sync:1.0</namespace>
<location>file:///etc/sysrepo/yang/o-ran-sync@2019-07-03.yang</location>
</module>
<module>
<name>o-ran-compression-factors</name>
<revision>2019-07-03</revision>
<namespace>urn:o-ran:compression-factors:1.0</namespace>
<location>file:///etc/sysrepo/yang/o-ran-compression-factors@2019-07-03.yang</location>
</module>
<module>
<name>o-ran-module-cap</name>
<revision>2019-07-03</revision>
<namespace>urn:o-ran:module-cap:1.0</namespace>
<location>file:///etc/sysrepo/yang/o-ran-module-cap@2019-07-03.yang</location>
</module>
<module>
<name>o-ran-delay-management</name>
<revision>2019-07-03</revision>
<namespace>urn:o-ran:delay:1.0</namespace>
<location>file:///etc/sysrepo/yang/o-ran-delay-management@2019-07-03.yang</location>
</module>
<module>
<name>o-ran-operations</name>
<revision>2019-07-03</revision>
<namespace>urn:o-ran:operations:1.0</namespace>
<location>file:///etc/sysrepo/yang/o-ran-operations@2019-07-03.yang</location>
</module>
<module>
<name>o-ran-uplane-conf</name>
<revision>2019-07-03</revision>
<namespace>urn:o-ran:uplane-conf:1.0</namespace>
<location>file:///etc/sysrepo/yang/o-ran-uplane-conf@2019-07-03.yang</location>
</module>
<module>
<name>o-ran-file-management</name>
<revision>2019-07-03</revision>
<namespace>urn:o-ran:file-management:1.0</namespace>
<location>file:///etc/sysrepo/yang/o-ran-file-management@2019-07-03.yang</location>
</module>
<module>
<name>o-ran-software-management</name>
```

```
  <revision>2019-07-03</revision>
  <namespace>urn:o-ran:software-management:1.0</namespace>
  <location>file:///etc/sysrepo/yang/o-ran-software-management@2019-07-03.yang</location>
 </module>
 <module>
  <name>o-ran-performance-management</name>
  <revision>2019-07-03</revision>
  <namespace>urn:o-ran:performance-management:1.0</namespace>
  <location>file:///etc/sysrepo/yang/o-ran-performance-management@2019-07-03.yang</location>
 </module>
 <module>
  <name>o-ran-trace</name>
  <revision>2019-07-03</revision>
  <namespace>urn:o-ran:trace:1.0</namespace>
  <location>file:///etc/sysrepo/yang/o-ran-trace@2019-07-03.yang</location>
 </module>
 <module>
  <name>o-ran-troubleshooting</name>
  <revision>2019-02-04</revision>
  <namespace>urn:o-ran:troubleshooting:1.0</namespace>
  <location>file:///etc/sysrepo/yang/o-ran-troubleshooting@2019-02-04.yang</location>
 </module>
</module-set>
<schema>
 <name>complete</name>
 <module-set>complete</module-set>
</schema>
<content-id>61</content-id>
<datastore>
 <name xmlns:ds="urn:ietf:params:xml:ns:yang:ietf-datastores">ds:running</name>
 <schema>complete</schema>
</datastore>
<datastore>
 <name xmlns:ds="urn:ietf:params:xml:ns:yang:ietf-datastores">ds:candidate</name>
 <schema>complete</schema>
</datastore>
<datastore>
 <name xmlns:ds="urn:ietf:params:xml:ns:yang:ietf-datastores">ds:startup</name>
 <schema>complete</schema>
</datastore>
<datastore>
 <name xmlns:ds="urn:ietf:params:xml:ns:yang:ietf-datastores">ds:operational</name>
 <schema>complete</schema>
</datastore>
</yang-library>
<modules-state xmlns="urn:ietf:params:xml:ns:yang:ietf-yang-library">
 <module>
```

  <name>ietf-yang-metadata</name>
  <revision>2016-08-05</revision>
  <namespace>urn:ietf:params:xml:ns:yang:ietf-yang-metadata</namespace>
  <conformance-type>import</conformance-type>
 </module>
 <module>
  <name>yang</name>
  <revision>2017-02-20</revision>
  <namespace>urn:ietf:params:xml:ns:yang:1</namespace>
  <conformance-type>implement</conformance-type>
 </module>
 <module>
  <name>ietf-inet-types</name>
  <revision>2013-07-15</revision>
  <schema>file:///etc/sysrepo/yang/yang_models/imported/ietf/ietf-inet-types.yang</schema>
  <namespace>urn:ietf:params:xml:ns:yang:ietf-inet-types</namespace>
  <conformance-type>import</conformance-type>
 </module>
 <module>
  <name>ietf-yang-types</name>
  <revision>2013-07-15</revision>
  <schema>file:///etc/sysrepo/yang/yang_models/imported/ietf/ietf-yang-types.yang</schema>
  <namespace>urn:ietf:params:xml:ns:yang:ietf-yang-types</namespace>
  <conformance-type>import</conformance-type>
 </module>
 <module>
  <name>sysrepo</name>
  <revision>2021-01-18</revision>
  <namespace>http://www.sysrepo.org/yang/sysrepo</namespace>
  <conformance-type>implement</conformance-type>
 </module>
 <module>
  <name>ietf-datastores</name>
  <revision>2018-02-14</revision>
  <schema>file:///etc/sysrepo/yang/ietf-datastores@2018-02-14.yang</schema>
  <namespace>urn:ietf:params:xml:ns:yang:ietf-datastores</namespace>
  <conformance-type>implement</conformance-type>
 </module>
 <module>
  <name>ietf-yang-library</name>
  <revision>2019-01-04</revision>
  <schema>file:///etc/sysrepo/yang/ietf-yang-library@2019-01-04.yang</schema>
  <namespace>urn:ietf:params:xml:ns:yang:ietf-yang-library</namespace>
  <conformance-type>implement</conformance-type>
 </module>
 <module>
  <name>sysrepo-monitoring</name>

```
  <revision>2021-01-15</revision>
  <schema>file:///etc/sysrepo/yang/sysrepo-monitoring@2021-01-15.yang</schema>
  <namespace>http://www.sysrepo.org/yang/sysrepo-monitoring</namespace>
  <conformance-type>implement</conformance-type>
 </module>
 <module>
  <name>sysrepo-plugind</name>
  <revision>2020-12-10</revision>
  <schema>file:///etc/sysrepo/yang/sysrepo-plugind@2020-12-10.yang</schema>
  <namespace>urn:sysrepo:plugind</namespace>
  <conformance-type>implement</conformance-type>
 </module>
 <module>
  <name>ietf-netconf-acm</name>
  <revision>2018-02-14</revision>
  <schema>file:///etc/sysrepo/yang/ietf-netconf-acm@2018-02-14.yang</schema>
  <namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-acm</namespace>
  <conformance-type>implement</conformance-type>
 </module>
 <module>
  <name>ietf-netconf</name>
  <revision>2013-09-29</revision>
  <schema>file:///etc/sysrepo/yang/ietf-netconf@2013-09-29.yang</schema>
  <namespace>urn:ietf:params:xml:ns:netconf:base:1.0</namespace>
  <feature>writable-running</feature>
  <feature>candidate</feature>
  <feature>rollback-on-error</feature>
  <feature>validate</feature>
  <feature>startup</feature>
  <feature>url</feature>
  <feature>xpath</feature>
  <conformance-type>implement</conformance-type>
 </module>
 <module>
  <name>ietf-netconf-with-defaults</name>
  <revision>2011-06-01</revision>
  <schema>file:///etc/sysrepo/yang/ietf-netconf-with-defaults@2011-06-01.yang</schema>
  <namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-with-defaults</namespace>
  <conformance-type>implement</conformance-type>
 </module>
 <module>
  <name>ietf-netconf-notifications</name>
  <revision>2012-02-06</revision>
  <schema>file:///etc/sysrepo/yang/ietf-netconf-notifications@2012-02-06.yang</schema>
  <namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-notifications</namespace>
  <conformance-type>implement</conformance-type>
 </module>
```

```
<module>
 <name>ietf-origin</name>
 <revision>2018-02-14</revision>
 <schema>file:///etc/sysrepo/yang/ietf-origin@2018-02-14.yang</schema>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-origin</namespace>
 <conformance-type>implement</conformance-type>
</module>
<module>
 <name>ietf-netconf-monitoring</name>
 <revision>2010-10-04</revision>
 <schema>file:///etc/sysrepo/yang/ietf-netconf-monitoring@2010-10-04.yang</schema>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-monitoring</namespace>
 <conformance-type>implement</conformance-type>
</module>
<module>
 <name>ietf-netconf-nmda</name>
 <revision>2019-01-07</revision>
 <schema>file:///etc/sysrepo/yang/ietf-netconf-nmda@2019-01-07.yang</schema>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-nmda</namespace>
 <feature>origin</feature>
 <feature>with-defaults</feature>
 <conformance-type>implement</conformance-type>
</module>
<module>
 <name>notifications</name>
 <revision>2008-07-14</revision>
 <schema>file:///etc/sysrepo/yang/notifications@2008-07-14.yang</schema>
 <namespace>urn:ietf:params:xml:ns:netconf:notification:1.0</namespace>
 <conformance-type>implement</conformance-type>
</module>
<module>
 <name>nc-notifications</name>
 <revision>2008-07-14</revision>
 <schema>file:///etc/sysrepo/yang/nc-notifications@2008-07-14.yang</schema>
 <namespace>urn:ietf:params:xml:ns:netmod:notification</namespace>
 <conformance-type>implement</conformance-type>
</module>
<module>
 <name>ietf-x509-cert-to-name</name>
 <revision>2014-12-10</revision>
 <schema>file:///etc/sysrepo/yang/ietf-x509-cert-to-name@2014-12-10.yang</schema>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-x509-cert-to-name</namespace>
 <conformance-type>implement</conformance-type>
</module>
<module>
 <name>ietf-crypto-types</name>
 <revision>2019-07-02</revision>
```

```
<schema>file:///etc/sysrepo/yang/ietf-crypto-types@2019-07-02.yang</schema>
<namespace>urn:ietf:params:xml:ns:yang:ietf-crypto-types</namespace>
<conformance-type>implement</conformance-type>
</module>
<module>
<name>ietf-keystore</name>
<revision>2019-07-02</revision>
<schema>file:///etc/sysrepo/yang/ietf-keystore@2019-07-02.yang</schema>
<namespace>urn:ietf:params:xml:ns:yang:ietf-keystore</namespace>
<feature>keystore-supported</feature>
<conformance-type>implement</conformance-type>
</module>
<module>
<name>ietf-truststore</name>
<revision>2019-07-02</revision>
<schema>file:///etc/sysrepo/yang/ietf-truststore@2019-07-02.yang</schema>
<namespace>urn:ietf:params:xml:ns:yang:ietf-truststore</namespace>
<feature>truststore-supported</feature>
<feature>x509-certificates</feature>
<conformance-type>implement</conformance-type>
</module>
<module>
<name>ietf-tcp-common</name>
<revision>2019-07-02</revision>
<schema>file:///etc/sysrepo/yang/ietf-tcp-common@2019-07-02.yang</schema>
<namespace>urn:ietf:params:xml:ns:yang:ietf-tcp-common</namespace>
<feature>keepalives-supported</feature>
<conformance-type>implement</conformance-type>
</module>
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<name>ietf-ssh-common</name>
<revision>2019-07-02</revision>
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<module>
<name>iana-crypt-hash</name>
<revision>2014-08-06</revision>
<schema>file:///etc/sysrepo/yang/iana-crypt-hash@2014-08-06.yang</schema>
<namespace>urn:ietf:params:xml:ns:yang:iana-crypt-hash</namespace>
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</module>
<module>
<name>ietf-ssh-server</name>
<revision>2019-07-02</revision>
<schema>file:///etc/sysrepo/yang/ietf-ssh-server@2019-07-02.yang</schema>
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 <namespace>urn:ietf:params:xml:ns:yang:ietf-ssh-server</namespace>
 <feature>local-client-auth-supported</feature>
 <conformance-type>implement</conformance-type>
</module>
<module>
 <name>ietf-tls-common</name>
 <revision>2019-07-02</revision>
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 <feature>local-client-auth-supported</feature>
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</module>
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 <revision>2019-07-02</revision>
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 <conformance-type>import</conformance-type>
</module>
<module>
 <name>ietf-netconf-server</name>
 <revision>2019-07-02</revision>
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 <namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-server</namespace>
 <feature>ssh-listen</feature>
 <feature>tls-listen</feature>
 <feature>ssh-call-home</feature>
 <feature>tls-call-home</feature>
 <conformance-type>implement</conformance-type>
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<module>
 <name>stli_giru-wdm</name>
 <revision>2021-05-06</revision>
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    <namespace>urn:stli_giru:wdm:1.1</namespace>
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    <name>stli_giru-opm</name>
    <revision>2020-11-08</revision>
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    <namespace>urn:stli_giru-opm:1.1</namespace>
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    <namespace>urn:notification_history</namespace>
    <conformance-type>implement</conformance-type>
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    <name>iana-hardware</name>
    <revision>2018-03-13</revision>
    <schema>file:///etc/sysrepo/yang/iana-hardware@2018-03-13.yang</schema>
    <namespace>urn:ietf:params:xml:ns:yang:iana-hardware</namespace>
    <conformance-type>implement</conformance-type>
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    <feature>hardware-state</feature>
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    <revision>2018-02-20</revision>
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    <conformance-type>implement</conformance-type>
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    <name>iana-if-type</name>
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    <namespace>urn:ietf:params:xml:ns:yang:iana-if-type</namespace>
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 <name>ietf-ip</name>
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 <namespace>urn:ietf:params:xml:ns:yang:ietf-ip</namespace>
 <feature>ipv4-non-contiguous-netmasks</feature>
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 <namespace>urn:o-ran:performance-management:1.0</namespace>
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 <namespace>urn:o-ran:trace:1.0</namespace>
 <conformance-type>implement</conformance-type>
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 <namespace>urn:o-ran:troubleshooting:1.0</namespace>
 <conformance-type>implement</conformance-type>
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 <module-set-id>61</module-set-id>
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 <capability>urn:ietf:params:netconf:capability:candidate:1.0</capability>
 <capability>urn:ietf:params:netconf:capability:rollback-on-error:1.0</capability>
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 <capability>urn:ietf:params:netconf:capability:startup:1.0</capability>
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 <capability>urn:ietf:params:netconf:capability:interleave:1.0</capability>
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 <capability>urn:ietf:params:xml:ns:yang:ietf-inet-types?module=ietf-inet-types&revision=2013-07-15</capability>
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 <capability>urn:ietf:params:netconf:capability:yang-library:1.1?revision=2019-01-04&content-id=61</capability>
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     <transport>netconf-ssh</transport>
     <username>operator</username>
     <source-host>::ffff:192.168.4.15</source-host>
     <login-time>2022-08-02T18:56:15Z</login-time>
     <in-rpcs>1</in-rpcs>
     <in-bad-rpcs>0</in-bad-rpcs>
     <out-rpc-errors>0</out-rpc-errors>
     <out-notifications>1</out-notifications>
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   </sessions>
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    <in-bad-rpcs>0</in-bad-rpcs>
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    <out-notifications>135</out-notifications>
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     <description>Default NETCONF stream containing notifications from all the modules. Replays only notifications for modules that support replay.</description>
     <replaySupport>true</replaySupport>
    </stream>
    <stream>
     <name>yang</name>
     <description>Stream with all notifications of a module.</description>
     <replaySupport>false</replaySupport>
    </stream>
    <stream>

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  <name>ietf-datastores</name>
  <description>Stream with all notifications of a module.</description>
  <replaySupport>false</replaySupport>
</stream>
<stream>
  <name>ietf-yang-library</name>
  <description>Stream with all notifications of a module.</description>
  <replaySupport>false</replaySupport>
</stream>
<stream>
  <name>sysrepo-monitoring</name>
  <description>Stream with all notifications of a module.</description>
  <replaySupport>false</replaySupport>
</stream>
<stream>
  <name>sysrepo-plugind</name>
  <description>Stream with all notifications of a module.</description>
  <replaySupport>false</replaySupport>
</stream>
<stream>
  <name>ietf-netconf-with-defaults</name>
  <description>Stream with all notifications of a module.</description>
  <replaySupport>false</replaySupport>
</stream>
<stream>
  <name>ietf-netconf-notifications</name>
  <description>Stream with all notifications of a module.</description>
  <replaySupport>false</replaySupport>
</stream>
<stream>
  <name>ietf-origin</name>
  <description>Stream with all notifications of a module.</description>
  <replaySupport>false</replaySupport>
</stream>
<stream>
  <name>ietf-netconf-acm</name>
  <description>Stream with all notifications of a module.</description>
  <replaySupport>false</replaySupport>
</stream>
<stream>
  <name>ietf-netconf</name>
  <description>Stream with all notifications of a module.</description>
  <replaySupport>false</replaySupport>
</stream>
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  <name>ietf-netconf-monitoring</name>
  <description>Stream with all notifications of a module.</description>
```

```
<replaySupport>false</replaySupport>
</stream>
<stream>
 <name>ietf-netconf-nmda</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>nc-notifications</name>
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 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>notifications</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>ietf-x509-cert-to-name</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>ietf-crypto-types</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>ietf-keystore</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
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<stream>
 <name>ietf-truststore</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
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<stream>
 <name>ietf-tcp-common</name>
 <description>Stream with all notifications of a module.</description>
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</stream>
<stream>
 <name>ietf-ssh-server</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
```

```
<stream>
 <name>ietf-tls-server</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>ietf-netconf-server</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>stli_giru-wdm</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>stli_giru-opm</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>notification_history</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>iana-hardware</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
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 <name>ietf-hardware</name>
 <description>Stream with all notifications of a module.</description>
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</stream>
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 <name>ietf-interfaces</name>
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</stream>
<stream>
 <name>iana-if-type</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>ietf-dhcpv6-types</name>
```

```
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>ietf-ip</name>
 <description>Stream with all notifications of a module.</description>
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 <name>o-ran-interfaces</name>
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 <replaySupport>false</replaySupport>
</stream>
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 <name>o-ran-mplane-int</name>
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 <name>o-ran-transceiver</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
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 <name>o-ran-processing-element</name>
 <description>Stream with all notifications of a module.</description>
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</stream>
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 <name>o-ran-supervision</name>
 <description>Stream with all notifications of a module.</description>
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<stream>
 <name>o-ran-hardware</name>
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</stream>
<stream>
 <name>o-ran-fm</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
```

```
</stream>
<stream>
 <name>o-ran-usermgmt</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>o-ran-sync</name>
 <description>Stream with all notifications of a module.</description>
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 <name>o-ran-compression-factors</name>
 <description>Stream with all notifications of a module.</description>
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 <name>o-ran-module-cap</name>
 <description>Stream with all notifications of a module.</description>
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 <name>o-ran-delay-management</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
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<stream>
 <name>o-ran-operations</name>
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 <name>o-ran-uplane-conf</name>
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 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>o-ran-software-management</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
```

```
   <name>o-ran-performance-management</name>
   <description>Stream with all notifications of a module.</description>
   <replaySupport>false</replaySupport>
  </stream>
  <stream>
   <name>o-ran-trace</name>
   <description>Stream with all notifications of a module.</description>
   <replaySupport>false</replaySupport>
  </stream>
  <stream>
   <name>o-ran-troubleshooting</name>
   <description>Stream with all notifications of a module.</description>
   <replaySupport>false</replaySupport>
  </stream>
 </streams>
</netconf>
<interfaces-state xmlns="urn:ietf:params:xml:ns:yang:ietf-interfaces">
 <interface>
 <name>lo</name>
 <oper-status>up</oper-status>
 <phys-address>00:00:00:00:00:00</phys-address>
 <statistics>
  <in-octets>0</in-octets>
  <in-discards>0</in-discards>
  <in-errors>0</in-errors>
  <out-octets>0</out-octets>
  <out-errors>0</out-errors>
  <out-discards>0</out-discards>
 </statistics>
</interface>
<interface>
 <name>eth0</name>
 <oper-status>up</oper-status>
 <phys-address>98:ae:71:01:64:d8</phys-address>
 <statistics>
  <in-octets>1757251</in-octets>
  <in-discards>0</in-discards>
  <in-errors>0</in-errors>
  <out-octets>7170233</out-octets>
  <out-errors>0</out-errors>
  <out-discards>0</out-discards>
 </statistics>
</interface>
<interface>
 <name>eth0.100</name>
 <oper-status>up</oper-status>
 <phys-address>98:ae:71:01:64:d8</phys-address>
```

```xml
 <statistics>
  <in-octets>0</in-octets>
  <in-discards>0</in-discards>
  <in-errors>0</in-errors>
  <out-octets>796</out-octets>
  <out-errors>0</out-errors>
  <out-discards>0</out-discards>
 </statistics>
 </interface>
</interfaces-state>
<dhcp xmlns="urn:o-ran:dhcp:1.0">
 <interfaces>
 <interface>eth0</interface>
 <dhcpv4>
  <dhcp-server-identifier>192.168.4.15</dhcp-server-identifier>
  <domain-name>vvdntech.com</domain-name>
  <domain-name-servers>192.168.4.15</domain-name-servers>
  <interface-mtu>1500</interface-mtu>
  <default-gateways>192.168.4.15</default-gateways>
  <netconf-clients>
   <client>192.168.4.15</client>
  </netconf-clients>
 </dhcpv4>
 </interfaces>
</dhcp>
<active-alarm-list xmlns="urn:o-ran:fm:1.0">
 <active-alarms>
 <fault-id>17</fault-id>
 <fault-source>Module</fault-source>
 <affected-objects>
  <name>Sync Module</name>
 </affected-objects>
 <fault-severity>MAJOR</fault-severity>
 <is-cleared>false</is-cleared>
 <fault-text>No external sync source</fault-text>
 <event-time>2022-08-02T18:41:05Z</event-time>
 </active-alarms>
</active-alarm-list>
<software-inventory xmlns="urn:o-ran:software-management:1.0">
 <software-slot>
 <name>swSlot1</name>
 <status>VALID</status>
 <active>true</active>
 <running>true</running>
 <access>READ_WRITE</access>
 <product-code>STL O-RU</product-code>
 <vendor-code>VN</vendor-code>
```

```
<build-id>90f0b6c</build-id>
<build-name>Beta Release</build-name>
<build-version>5.0.0</build-version>
<files>
 <name>boot</name>
 <version>1.0.0</version>
 <local-path>/media/sd-mmcblk0p1/BOOT0001.BIN</local-path>
 <integrity>OK</integrity>
</files>
<files>
 <name>kernel</name>
 <version>1.0.0</version>
 <local-path>/media/sd-mmcblk0p1/image0001.ub</local-path>
 <integrity>OK</integrity>
</files>
<files>
 <name>rootfs</name>
 <version>1.0.0</version>
 <local-path>/media/sd-mmcblk0p2/</local-path>
 <integrity>OK</integrity>
</files>
</software-slot>
<software-slot>
 <name>swSlot2</name>
<status>VALID</status>
<active>false</active>
<running>false</running>
<access>READ_WRITE</access>
<product-code>STL O-RU</product-code>
<vendor-code>VN</vendor-code>
<build-id>90f0b6c</build-id>
<build-name>Beta Release</build-name>
<build-version>4.0.3</build-version>
<files>
 <name>boot</name>
 <version>1.0.0</version>
 <local-path>/media/sd-mmcblk0p1/BOOT0002.BIN</local-path>
 <integrity>OK</integrity>
</files>
<files>
 <name>kernel</name>
 <version>1.0.0</version>
 <local-path>/media/sd-mmcblk0p1/image0002.ub</local-path>
 <integrity>OK</integrity>
</files>
<files>
 <name>rootfs</name>
```

```xml
    <version>1.0.0</version>
    <local-path>/media/sd-mmcblk0p3/</local-path>
    <integrity>OK</integrity>
   </files>
  </software-slot>
  <software-slot>
   <name>swRecoverySlot</name>
   <status>VALID</status>
   <active>false</active>
   <running>false</running>
   <access>READ_ONLY</access>
   <product-code>STL=O-RU</product-code>
   <vendor-code>VN</vendor-code>
   <build-id>factory_img</build-id>
   <build-name>Beta Release</build-name>
   <build-version>1.3.4</build-version>
   <files>
    <name>boot</name>
    <version>1.0.0</version>
    <local-path>/media/sd-mmcblk0p1/BOOT0003.BIN</local-path>
    <integrity>OK</integrity>
   </files>
   <files>
    <name>kernel</name>
    <version>1.0.0</version>
    <local-path>/media/sd-mmcblk0p1/golden.ub</local-path>
    <integrity>OK</integrity>
   </files>
   <files>
    <name>rootfs</name>
    <version>1.0.0</version>
    <local-path>/media/sd-mmcblk0p1/golden.ub</local-path>
    <integrity>OK</integrity>
   </files>
  </software-slot>
 </software-inventory>
</data>
```

```
===============================================================================
   ############ SYSTEM LOGS #############
===============================================================================
```

Aug 2 18:56:11 garuda daemon.info netopeer2-server[846]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 2 18:56:11 garuda daemon.info netopeer2-server[846]: getsockopt() error (Connection refused).

Aug 2 18:56:12 garuda daemon.info netopeer2-server[846]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 2 18:56:12 garuda daemon.info netopeer2-server[846]: getsockopt() error (Connection refused).

Aug 2 18:56:13 garuda daemon.info netopeer2-server[846]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 2 18:56:13 garuda daemon.info netopeer2-server[846]: getsockopt() error (Connection refused).

Aug 2 18:56:14 garuda daemon.info netopeer2-server[846]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 2 18:56:14 garuda daemon.info netopeer2-server[846]: getsockopt() error (Connection refused).

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: getsockopt() error (Connection refused).

Aug 2 18:56:15 garuda user.notice SYNCMNGR[1160]: Received message from S-Plane

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Accepted a connection on :::830.

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Session 1973 (user "root", CID 1) created.

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Received an SSH message "request-service" of subtype "ssh-userauth".

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Received an SSH message "request-auth" of subtype "password".

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: User "operator" authenticated.

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Received an SSH message "request-channel-open" of subtype "session".

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Received an SSH message "request-channel" of subtype "subsystem".

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Session 1974 (user "root", CID 1) created.

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: There are no subscribers for "ietf-netconf-notifications" notifications.

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Generated new event (netconf-session-start).

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Published event "rpc" "/notifications:create-subscription" with ID 10 priority 0 for 1 subscribers.

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Processing "/notifications:create-subscription" "rpc" event with ID 10 priority 0 (remaining 1 subscribers).

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Successful processing of "rpc" event with ID 10 priority 0 (remaining 0 subscribers).

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Event "rpc" with ID 10 priority 0 succeeded.

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Session 50: thread 3 event new RPC.

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: There is no instance of "/stli_giru-wdm:system-apps/nw_manager", but it is not required.

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Processing "notif" "ietf-netconf-notifications" event with ID 1.

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Successful processing of "notif" event with ID 1 priority 0 (remaining 0 subscribers).

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Published event "rpc" "/ietf-netconf:get" with ID 783 priority 0 for 1 subscribers.

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Processing "/ietf-netconf:get" "rpc" event with ID 783 priority 0 (remaining 1 subscribers).

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:15 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/ietf-netconf-acm:nacm/denied-operations" with ID 1.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Processing "ietf-netconf-acm" "operational" event with ID 1.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Successful processing of "operational" event with ID 1.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 1 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/ietf-netconf-acm:nacm/denied-data-writes" with ID 1.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Processing "ietf-netconf-acm" "operational" event with ID 1.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Successful processing of "operational" event with ID 1.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 1 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/ietf-netconf-acm:nacm/denied-notifications" with ID 1.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Processing "ietf-netconf-acm" "operational" event with ID 1.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Successful processing of "operational" event with ID 1.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 1 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/ietf-netconf-monitoring:netconf-state" with ID 1.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Processing "ietf-netconf-monitoring" "operational" event with ID 1.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Successful processing of "operational" event with ID 1.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 1 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/nc-notifications:netconf" with ID 1.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Processing "nc-notifications" "operational" event with ID 1.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Successful processing of "operational" event with ID 1.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 1 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/ietf-hardware:hardware" with ID 1.

Aug 2 18:56:16 garuda user.info nw_manager[872]: SR_HW: Data for "ietf-hardware" "/ietf-hardware:hardware" requested

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 1 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/ietf-interfaces:interfaces" with ID 1.

Aug 2 18:56:16 garuda user.info nw_manager[872]: IFMNGR: DATA FOR "ietf-interfaces" "/ietf-interfaces:interfaces" REQUESTED

Aug 2 18:56:16 garuda user.err nw_manager[872]: IF_CFG: File,/sys/class/net/lo/speed reading failed errno:(Invalid argument)

Aug 2 18:56:16 garuda user.err nw_manager[872]: IF_CFG: File,/sys/class/net/eth0/speed reading failed errno:(Invalid argument)

Aug 2 18:56:16 garuda user.err nw_manager[872]: IF_CFG: File,/sys/class/net/eth0.100/speed reading failed errno:(Invalid argument)

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 1 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/ietf-interfaces:interfaces-state" with ID 1.

Aug 2 18:56:16 garuda user.info nw_manager[872]: IFMNGR: DATA FOR "ietf-interfaces" "/ietf-interfaces:interfaces-state" REQUESTED

Aug 2 18:56:16 garuda user.info nw_manager[872]: IFMNGR: /ietf-interfaces:interfaces-state

Aug 2 18:56:16 garuda user.err nw_manager[872]: IFMNGR: getting state of interface : lo

Aug 2 18:56:16 garuda user.err nw_manager[872]: IF_CFG: File,/sys/class/net/lo/speed reading failed errno:(Invalid argument)

Aug 2 18:56:16 garuda user.info nw_manager[872]: IFMNGR: Interface : lo in-octets: 0

Aug 2 18:56:16 garuda user.info nw_manager[872]: IFMNGR: Interface : lo in-discards: 0

Aug 2 18:56:16 garuda user.info nw_manager[872]: IFMNGR: Interface : lo in-errors: 0

Aug 2 18:56:16 garuda user.err nw_manager[872]: IFMNGR: getting state of interface : eth0

Aug 2 18:56:16 garuda user.err nw_manager[872]: IF_CFG: File,/sys/class/net/eth0/speed reading failed errno:(Invalid argument)

Aug 2 18:56:16 garuda user.info nw_manager[872]: IFMNGR: Interface : eth0 in-octets: 1757251

Aug 2 18:56:16 garuda user.info nw_manager[872]: IFMNGR: Interface : eth0 in-discards: 0

Aug 2 18:56:16 garuda user.info nw_manager[872]: IFMNGR: Interface : eth0 in-errors: 0

Aug 2 18:56:16 garuda user.err nw_manager[872]: IFMNGR: getting state of interface : eth0.100

Aug 2 18:56:16 garuda user.err nw_manager[872]: IF_CFG: File,/sys/class/net/eth0.100/speed reading failed errno:(Invalid argument)

Aug 2 18:56:16 garuda user.info nw_manager[872]: IFMNGR: Interface : eth0.100 in-octets: 0

Aug 2 18:56:16 garuda user.info nw_manager[872]: IFMNGR: Interface : eth0.100 in-discards: 0

Aug 2 18:56:16 garuda user.info nw_manager[872]: IFMNGR: Interface : eth0.100 in-errors: 0

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 1 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/o-ran-dhcp:dhcp/interfaces" with ID 1.

Aug 2 18:56:16 garuda user.info nw_manager[872]: Interface : eth0

Aug 2 18:56:16 garuda user.info nw_manager[872]: Clientid :

Aug 2 18:56:16 garuda user.info nw_manager[872]: Serverid : 192.168.4.15

Aug 2 18:56:16 garuda user.info nw_manager[872]: MTU   : 1500

Aug 2 18:56:16 garuda user.info nw_manager[872]: Domain   : vvdntech.com

Aug 2 18:56:16 garuda user.info nw_manager[872]: DNS   : 192.168.4.15

Aug 2 18:56:16 garuda user.info nw_manager[872]: Gateway   : 192.168.4.15

Aug 2 18:56:16 garuda user.info nw_manager[872]: NC Client   : 192.168.4.15

Aug 2 18:56:16 garuda user.info nw_manager[872]: DHCP: DATA FOR "o-ran-dhcp" "/o-ran-dhcp:dhcp/interfaces" REQUESTED

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 1 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref

"/ietf-interfaces:interfaces/ietf-interfaces:interface/ietf-interfaces:name" with the value "eth0", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/o-ran-mplane-int:mplane-info/m-plane-interfaces" with ID 1.

Aug 2 18:56:16 garuda user.info nw_manager[872]: Mplane: DATA FOR "o-ran-mplane-int" "/o-ran-mplane-int:mplane-info/m-plane-interfaces" REQUESTED

Aug 2 18:56:16 garuda user.err nw_manager[872]: Getting fqdn string

Aug 2 18:56:16 garuda user.err nw_manager[872]: Unable to open fqdn file or file not created

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 1 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/o-ran-transceiver:port-transceivers" with ID 1.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 1 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/o-ran-processing-element:processing-elements" with ID 1.

Aug 2 18:56:16 garuda user.notice PROCESSING-ELEMENTS[1171]: DATA FOR "o-ran-processing-element" "/o-ran-processing-element:processing-elements" REQUESTED

Aug 2 18:56:16 garuda user.notice PROCESSING-ELEMENTS[1171]: get-maximum-number-of-transport-flow

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 1 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/o-ran-fm:active-alarm-list/active-alarms" with ID 2.

Aug 2 18:56:16 garuda user.info FAULT MANAGEMENT[893]:   ========= DATA FOR "o-ran-fm" "/o-ran-fm:active-alarm-list/active-alarms" REQUESTED=======================

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 2 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/o-ran-sync:sync" with ID 764.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 764 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref

"/ietf-interfaces:interfaces/ietf-interfaces:interface/o-ran-interfaces:port-reference/o-ran-interfaces:port-number" with the value "0", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref

"/ietf-interfaces:interfaces/ietf-interfaces:interface/o-ran-interfaces:port-reference/o-ran-interfaces:port-number" with the value "0", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/o-ran-module-cap:module-capability" with ID 1.

Aug 2 18:56:16 garuda user.info radio_manager[1264]: Data for "o-ran-module-cap" "/o-ran-module-cap:module-capability" requested

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: getsockopt() error (Connection refused).

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 1 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/o-ran-delay-management:delay-management" with ID 1.

Aug 2 18:56:16 garuda user.notice radio_manager[1264]: DATA FOR "o-ran-delay-management" "/o-ran-delay-management:delay-management" REQUESTED

Aug 2 18:56:16 garuda user.notice radio_manager[1264]: o-ran-delay-management: /o-ran-delay-management:delay-management

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 1 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/o-ran-operations:operational-info" with ID 1.

Aug 2 18:56:16 garuda user.notice SR_OP[1171]: Data for o-ran-operations on /o-ran-operations:operational-info requested

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 1 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/tx-arrays" with ID 3.

Aug 2 18:56:16 garuda user.notice UPLANECONF[1171]: DATA FOR "o-ran-uplane-conf"

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

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 3 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/rx-arrays" with ID 3.

Aug 2 18:56:16 garuda user.notice UPLANECONF[1171]: DATA FOR "o-ran-uplane-conf"

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

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 3 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/relations" with ID 3.

Aug 2 18:56:16 garuda user.notice UPLANECONF[1171]: DATA FOR "o-ran-uplane-conf"

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

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 3 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/endpoint-types" with ID 3.

Aug 2 18:56:16 garuda user.notice UPLANECONF[1171]: DATA FOR "o-ran-uplane-conf"

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

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 3 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/tx-array-carriers" with ID 3.

Aug 2 18:56:16 garuda user.notice UPLANECONF[1171]: DATA FOR "o-ran-uplane-conf"

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

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 3 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/rx-array-carriers" with ID 3.

Aug 2 18:56:16 garuda user.notice UPLANECONF[1171]: DATA FOR "o-ran-uplane-conf"

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

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 3 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/static-low-level-tx-endpoints" with ID 3.

Aug 2 18:56:16 garuda user.notice UPLANECONF[1171]: DATA FOR "o-ran-uplane-conf"

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

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 3 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint0", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint2", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint3", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/static-low-level-rx-endpoints" with ID 3.

Aug 2 18:56:16 garuda user.notice UPLANECONF[1171]: DATA FOR "o-ran-uplane-conf"

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

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 3 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint0", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint2", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint3", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational"
"/o-ran-uplane-conf:user-plane-configuration/endpoint-capacity-sharing-groups" with ID 3.

Aug 2 18:56:16 garuda user.notice UPLANECONF[1171]: DATA FOR "o-ran-uplane-conf"
"/o-ran-uplane-conf:user-plane-configuration/endpoint-capacity-sharing-groups" REQUESTED

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 3 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 12.

Aug 2 18:56:16 garuda user.notice fw_manager[914]: RPC #12 recieved. xpath -> /o-ran-software-management:software-inventory

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 12 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Published event "operational"
"/o-ran-performance-management:performance-measurement-objects" with ID 1.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "operational" with ID 1 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Successful processing of "rpc" event with ID 783 priority 0 (remaining 0 subscribers).

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Event "rpc" with ID 783 priority 0 succeeded.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: 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.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Session 50: thread 2 event new RPC.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no instance of "/stli_giru-wdm:system-apps/radio_manager", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Processing "notif" "ietf-netconf-notifications" event with ID 2.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Successful processing of "notif" event with ID 2 priority 0 (remaining 0 subscribers).

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Resolving unresolved data nodes and their constraints...

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: There is no instance of "/stli_giru-wdm:system-apps/um_manager", but it is not required.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: All data nodes and constraints resolved.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Processing "notif" "ietf-netconf-notifications" event with ID 3.

Aug 2 18:56:16 garuda daemon.info netopeer2-server[846]: Successful processing of "notif" event with ID 3 priority 0 (remaining 0 subscribers).

Aug 2 18:56:17 garuda daemon.info netopeer2-server[846]: Trying to connect via IPv4 to 192.168.4.15:4334.

Aug 2 18:56:17 garuda daemon.info netopeer2-server[846]: getsockopt() error (Connection refused).

Aug 2 18:56:17 garuda daemon.info netopeer2-server[846]: Session 50: thread 4 event new RPC.

Aug 2 18:56:17 garuda daemon.info netopeer2-server[846]: Session 50: thread 4 event session terminated.

Aug 2 18:56:17 garuda daemon.info netopeer2-server[846]: There are no subscribers for "ietf-netconf-notifications" notifications.

Aug 2 18:56:17 garuda daemon.info netopeer2-server[846]: Generated new event (netconf-session-end).

Aug 2 18:56:17 garuda auth.info sshd[18024]: Accepted password for operator from 192.168.4.15 port 59832 ssh2

Aug 2 18:56:17 garuda authpriv.info sshd[18024]: pam_unix(sshd:session): session opened for user operator by (uid=0)

Expected Result : The O-RU NETCONF Server responds with <rpc-reply><data> where <data> contains all information elements that the O-RU NETCONF Server is able to expose

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


=======================================================================
GET_WITHOUT_FILTER                    =         SUCCESS

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