@ FILE NAME: M_CTC_ID_010.txt

@ TEST SCOPE: M PLANE O-RAN CONFORMANCE

@ Software Release for MCB1:   v1.0.7

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 192.168.3.38 --port 830 --login operator

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

    Interactive SSH Authentication done.

> status

Current NETCONF session:

ID   : 19

Host   : 192.168.3.38

Port   : 830

Transport   : SSH

Capabilities:

  urn:ietf:params:netconf:base:1.0 urn:ietf:params:netconf:base:1.1 urn:ietf:params:netconf:capability:writable-running:1.0
urn:ietf:params:netconf:capability:candidate:1.0 urn:ietf:params:netconf:capability:rollback-on-error:1.0
urn:ietf:params:netconf:capability:validate:1.1 urn:ietf:params:netconf:capability:startup:1.0 urn:ietf:params:netconf:capability:xpath:1.0
urn:ietf:params:netconf:capability:with-defaults:1.0?basic-mode=explicit&also-supported=report-all,report-all-tagged,trim,explicit
urn:ietf:params:netconf:capability:notification:1.0 urn:ietf:params:netconf:capability:interleave:1.0
urn:ietf:params:xml:ns:yang:ietf-yang-metadata?module=ietf-yang-metadata&revision=2016-08-05
urn:ietf:params:xml:ns:yang:1?module=yang&revision=2017-02-20
urn:ietf:params:xml:ns:yang:ietf-inet-types?module=ietf-inet-types&revision=2013-07-15
urn:ietf:params:xml:ns:yang:ietf-yang-types?module=ietf-yang-types&revision=2013-07-15
urn:ietf:params:netconf:capability:yang-library:1.1?revision=2019-01-04&content-id=63
urn:sysrepo:plugind?module=sysrepo-plugind&revision=2020-12-10
urn:ietf:params:xml:ns:yang:ietf-netconf-acm?module=ietf-netconf-acm&revision=2018-02-14
urn:ietf:params:xml:ns:netconf:base:1.0?module=ietf-netconf&revision=2013-09-29&features=writable-running,candidate,rollback-on-error,valid
ate,startup,url,xpath urn:ietf:params:xml:ns:yang:ietf-netconf-with-defaults?module=ietf-netconf-with-defaults&revision=2011-06-01
urn:ietf:params:xml:ns:yang:ietf-netconf-notifications?module=ietf-netconf-notifications&revision=2012-02-06
urn:ietf:params:xml:ns:yang:ietf-netconf-monitoring?module=ietf-netconf-monitoring&revision=2010-10-04
urn:ietf:params:xml:ns:netconf:notification:1.0?module=notifications&revision=2008-07-14
urn:ietf:params:xml:ns:netmod:notification?module=nc-notifications&revision=2008-07-14
urn:ietf:params:xml:ns:yang:ietf-x509-cert-to-name?module=ietf-x509-cert-to-name&revision=2014-12-10
urn:ietf:params:xml:ns:yang:iana-crypt-hash?module=iana-crypt-hash&revision=2014-08-06 urn:notification_history?module=notification_history
urn:ietf:params:xml:ns:yang:iana-if-type?module=iana-if-type&revision=2017-01-19

==

> subscribe --filter-xpath /ietf-netconf-notifications:*

==

Ok

==

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
<?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">
 <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>
  </group>
  <group>
   <name>fm-pm</name>
   <user-name>observer</user-name>
  </group>
  <group>
   <name>nms</name>
   <user-name>installer</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>
```

```xml
<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-ald-port-permission</name>
<module-name>o-ran-ald-port</module-name>
<access-operations>create read update delete exec</access-operations>
<action>permit</action>
</rule>
<rule>
<name>o-ran-ald-permission</name>
<module-name>o-ran-ald</module-name>
<access-operations>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>
 <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-permission</name>
  <module-name>ietf-netconf-acm</module-name>
  <access-operations>*</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>
<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>
<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>
</rule>
<rule>
 <name>o-ran-ald-port-permission</name>
 <module-name>o-ran-ald-port</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>
 <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>
```

```xml
  <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>
  <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>
```

```xml
    <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>
  <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>2</denied-data-writes>
<denied-notifications>0</denied-notifications>
</nacm>
<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>disabled</oper-state>
<usage-state>busy</usage-state>
<availability-state xmlns="urn:o-ran:hardware:1.0">DEGRADED</availability-state>
</state>
<o-ran-name xmlns="urn:o-ran:hardware:1.0">ru-module</o-ran-name>
<description>VVDN-RU</description>
<hardware-rev>A1-1221</hardware-rev>
<software-rev>02-v1.0.7</software-rev>
<serial-num>1012900122022</serial-num>
<mfg-name>VVDN-LPRU</mfg-name>
<model-name>RU_INDOOR_LPRU</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>
<usage-state>busy</usage-state>
<availability-state xmlns="urn:o-ran:hardware:1.0">DEGRADED</availability-state>
</state>
<o-ran-name xmlns="urn:o-ran:hardware:1.0">ru-port0</o-ran-name>
<description>VVDN_RU_PORT</description>
<hardware-rev>A1-1221</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>
```

```xml
    <state>
     <oper-state>disabled</oper-state>
     <usage-state>busy</usage-state>
     <availability-state xmlns="urn:o-ran:hardware:1.0">DEGRADED</availability-state>
    </state>
    <o-ran-name xmlns="urn:o-ran:hardware:1.0">ru-port1</o-ran-name>
    <description>VVDN_RU_PORT</description>
    <hardware-rev>A1-1221</hardware-rev>
    <is-fru>false</is-fru>
    <mfg-date>2020-05-27T09:00:00-05:30</mfg-date>
   </component>
   <last-change>2035-10-10T18:42:16Z</last-change>
  </hardware>
  <mplane-info xmlns="urn:o-ran:mplane-interfaces:1.0">
   <m-plane-interfaces>
    <m-plane-ssh-ports>
     <call-home-ssh-port>4336</call-home-ssh-port>
     <server-ssh-port>830</server-ssh-port>
    </m-plane-ssh-ports>
    <m-plane-sub-interfaces>
     <interface-name>eth1.36</interface-name>
     <sub-interface>36</sub-interface>
     <client-info>
      <mplane-ipv4-info>
       <mplane-ipv4>192.168.4.15</mplane-ipv4>
       <port>4336</port>
      </mplane-ipv4-info>
     </client-info>
    </m-plane-sub-interfaces>
   </m-plane-interfaces>
  </mplane-info>
  <ald-ports-io xmlns="urn:o-ran:ald-port:1.0">
   <over-current-supported>false</over-current-supported>
   <ald-port>
    <name>PORT0</name>
    <port-id>0</port-id>
    <dc-control-support>false</dc-control-support>
    <dc-enabled-status>true</dc-enabled-status>
    <supported-connector>RS485_PORT</supported-connector>
   </ald-port>
  </ald-ports-io>
  <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>0x98AE71FFFE008AC2</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>false</current-utc-offset-valid>
 <ptp-timescale>true</ptp-timescale>
 <time-traceable>false</time-traceable>
 <frequency-traceable>false</frequency-traceable>
 <source-clock-identity>0x98AE71FFFE008AC2</source-clock-identity>
 <source-port-number>0</source-port-number>
 <current-utc-offset>32</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>0x98AE71FFFE008AC2</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>
<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>FREERUN</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>43.0</max-power-per-pa-antenna>
<min-power-per-pa-antenna>43.0</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>
```

```xml
      <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>
      <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>1</band-number>
   <max-supported-frequency-dl>2170000000</max-supported-frequency-dl>
   <min-supported-frequency-dl>2110000000</min-supported-frequency-dl>
   <max-supported-bandwidth-dl>20000000</max-supported-bandwidth-dl>
   <max-num-carriers-dl>2</max-num-carriers-dl>
   <max-carrier-bandwidth-dl>20000000</max-carrier-bandwidth-dl>
   <min-carrier-bandwidth-dl>1400000</min-carrier-bandwidth-dl>
   <max-supported-frequency-ul>1980000000</max-supported-frequency-ul>
   <min-supported-frequency-ul>1920000000</min-supported-frequency-ul>
   <max-supported-bandwidth-ul>20000000</max-supported-bandwidth-ul>
   <max-num-carriers-ul>2</max-num-carriers-ul>
   <max-carrier-bandwidth-ul>20000000</max-carrier-bandwidth-ul>
   <min-carrier-bandwidth-ul>1400000</min-carrier-bandwidth-ul>
   <max-num-component-carriers>2</max-num-component-carriers>
   <max-num-bands>1</max-num-bands>
   <max-num-sectors>1</max-num-sectors>
   <max-power-per-antenna>43.0</max-power-per-antenna>
   <min-power-per-antenna>43.0</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>RUGS_RU_MODEL_2020_VVDN_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>
<operational-state>
<restart-cause>POWER-ON</restart-cause>
<restart-datetime>2035-10-10T18:42:21Z</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>user1</name>
 <account-type>PASSWORD</account-type>
 <enabled>true</enabled>
</user>
<user>
 <name>User2</name>
 <account-type>PASSWORD</account-type>
 <enabled>true</enabled>
</user>
<user>
 <name>User3</name>
 <account-type>PASSWORD</account-type>
 <enabled>true</enabled>
</user>
<user>
 <name>user2</name>
```

```xml
<account-type>PASSWORD</account-type>
<enabled>true</enabled>
</user>
<user>
<name>user3</name>
<account-type>PASSWORD</account-type>
<enabled>true</enabled>
</user>
<user>
<name>user4</name>
<account-type>PASSWORD</account-type>
<enabled>true</enabled>
</user>
</users>
<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>506036</in-octets>
<in-discards>0</in-discards>
<in-errors>0</in-errors>
<out-octets>506036</out-octets>
<out-errors>0</out-errors>
<out-discards>0</out-discards>
</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">
<address>
<ip>192.168.1.10</ip>
<netmask>255.255.255.0</netmask>
</address>
<enabled>true</enabled>
```

```xml
</ipv4>
<l2-mtu xmlns="urn:o-ran:interfaces:1.0">1500</l2-mtu>
<mac-address xmlns="urn:o-ran:interfaces:1.0">98:ae:71:00:8a:c1</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>
</statistics>
<oper-status>up</oper-status>
<phys-address>98:ae:71:00:8a:c1</phys-address>
<last-cleared xmlns="urn:o-ran:interfaces:1.0">2020-05-19T16:39:57-08:00</last-cleared>
</interface>
<interface>
<name>eth1</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>192.168.4.50</ip>
  <netmask>255.255.255.0</netmask>
 </address>
 <enabled>true</enabled>
</ipv4>
<l2-mtu xmlns="urn:o-ran:interfaces:1.0">1500</l2-mtu>
<mac-address xmlns="urn:o-ran:interfaces:1.0">98:ae:71:00:8a:c2</mac-address>
<statistics>
 <in-octets>1362002</in-octets>
 <in-discards>0</in-discards>
 <in-errors>0</in-errors>
 <out-octets>12513414</out-octets>
 <out-errors>0</out-errors>
 <out-discards>0</out-discards>
</statistics>
<oper-status>up</oper-status>
<phys-address>98:ae:71:00:8a:c2</phys-address>
<last-cleared xmlns="urn:o-ran:interfaces:1.0">2020-05-19T16:39:57-08:00</last-cleared>
</interface>
<interface>
<name>eth1.36</name>
<enabled>true</enabled>
<type xmlns:ianaift="urn:ietf:params:xml:ns:yang:iana-if-type">ianaift:l2vlan</type>
<ipv4 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip">
 <address>
  <ip>192.168.3.38</ip>
  <netmask>255.255.255.0</netmask>
 </address>
```

```
 <enabled>true</enabled>
</ipv4>
<base-interface xmlns="urn:o-ran:interfaces:1.0">eth1</base-interface>
<vlan-id xmlns="urn:o-ran:interfaces:1.0">36</vlan-id>
<mac-address xmlns="urn:o-ran:interfaces:1.0">98:ae:71:00:8a:c2</mac-address>
<port-reference xmlns="urn:o-ran:interfaces:1.0">
 <port-name>ru-port1</port-name>
 <port-number>1</port-number>
</port-reference>
<statistics>
 <in-octets>1119046</in-octets>
 <in-discards>0</in-discards>
 <in-errors>0</in-errors>
 <out-octets>11809461</out-octets>
 <out-errors>0</out-errors>
 <out-discards>0</out-discards>
</statistics>
 <oper-status>up</oper-status>
 <phys-address>98:ae:71:00:8a:c2</phys-address>
 <last-cleared xmlns="urn:o-ran:interfaces:1.0">2020-05-19T16:39:57-08:00</last-cleared>
</interface>
<interface>
 <name>eth1.100</name>
 <type xmlns:ianaift="urn:ietf:params:xml:ns:yang:iana-if-type">ianaift:l2vlan</type>
 <enabled>true</enabled>
 <ipv4 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip">
 <enabled>true</enabled>
 <forwarding>false</forwarding>
 <address>
  <ip>10.0.0.1</ip>
  <netmask>255.255.255.0</netmask>
 </address>
 <m-plane-marking xmlns="urn:o-ran:interfaces:1.0">18</m-plane-marking>
</ipv4>
<base-interface xmlns="urn:o-ran:interfaces:1.0">eth1</base-interface>
<vlan-id xmlns="urn:o-ran:interfaces:1.0">100</vlan-id>
<mac-address xmlns="urn:o-ran:interfaces:1.0">98:ae:71:00:8a:c2</mac-address>
<port-reference xmlns="urn:o-ran:interfaces:1.0">
 <port-name>ru-port1</port-name>
 <port-number>1</port-number>
</port-reference>
<statistics>
 <in-octets>0</in-octets>
 <in-discards>0</in-discards>
 <in-errors>0</in-errors>
 <out-octets>7584</out-octets>
 <out-errors>0</out-errors>
 <out-discards>0</out-discards>
</statistics>
```

```
 <oper-status>up</oper-status>
 <phys-address>98:ae:71:00:8a:c2</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>element1</name>
 <transport-flow>
  <interface-name>eth1.100</interface-name>
  <eth-flow>
   <ru-mac-address>98:ae:71:00:8a:c2</ru-mac-address>
   <vlan-id>100</vlan-id>
   <o-du-mac-address>54:48:10:cc:e2:57</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>element1</processing-element>
 <tx-array-carrier>txarraycarrier0</tx-array-carrier>
 <low-level-tx-endpoint>slltx-endpoint0</low-level-tx-endpoint>
</low-level-tx-links>
<low-level-tx-links>
 <name>lltxlink1</name>
 <processing-element>element1</processing-element>
 <tx-array-carrier>txarraycarrier0</tx-array-carrier>
 <low-level-tx-endpoint>slltx-endpoint1</low-level-tx-endpoint>
</low-level-tx-links>
<low-level-tx-links>
 <name>lltxlink2</name>
 <processing-element>element1</processing-element>
 <tx-array-carrier>txarraycarrier0</tx-array-carrier>
 <low-level-tx-endpoint>slltx-endpoint2</low-level-tx-endpoint>
</low-level-tx-links>
<low-level-tx-links>
 <name>lltxlink3</name>
 <processing-element>element1</processing-element>
 <tx-array-carrier>txarraycarrier0</tx-array-carrier>
 <low-level-tx-endpoint>slltx-endpoint3</low-level-tx-endpoint>
</low-level-tx-links>
<low-level-rx-links>
 <name>llrxlink0</name>
 <processing-element>element1</processing-element>
 <rx-array-carrier>rxarraycarrier0</rx-array-carrier>
```

```xml
<low-level-rx-endpoint>sllrx-endpoint0</low-level-rx-endpoint>
</low-level-rx-links>
<low-level-rx-links>
 <name>llrxlink1</name>
 <processing-element>element1</processing-element>
 <rx-array-carrier>rxarraycarrier0</rx-array-carrier>
 <low-level-rx-endpoint>sllrx-endpoint1</low-level-rx-endpoint>
</low-level-rx-links>
<low-level-rx-links>
 <name>llrxlink2</name>
 <processing-element>element1</processing-element>
 <rx-array-carrier>rxarraycarrier0</rx-array-carrier>
 <low-level-rx-endpoint>sllrx-endpoint2</low-level-rx-endpoint>
</low-level-rx-links>
<low-level-rx-links>
 <name>llrxlink3</name>
 <processing-element>element1</processing-element>
 <rx-array-carrier>rxarraycarrier0</rx-array-carrier>
 <low-level-rx-endpoint>sllrx-endpoint3</low-level-rx-endpoint>
</low-level-rx-links>
<low-level-tx-endpoints>
 <name>slltx-endpoint0</name>
 <compression>
  <compression-type>STATIC</compression-type>
  <iq-bitwidth>16</iq-bitwidth>
  <exponent>4</exponent>
 </compression>
 <cp-type>NORMAL</cp-type>
 <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_15</scs>
  <number-of-prb>273</number-of-prb>
 </number-of-prb-per-scs>
 <e-axcid>
  <o-du-port-bitmask>65024</o-du-port-bitmask>
  <band-sector-bitmask>448</band-sector-bitmask>
  <ccid-bitmask>56</ccid-bitmask>
  <ru-port-bitmask>7</ru-port-bitmask>
  <eaxc-id>1</eaxc-id>
 </e-axcid>
</low-level-tx-endpoints>
<low-level-tx-endpoints>
 <name>slltx-endpoint1</name>
 <compression>
  <compression-type>STATIC</compression-type>
  <iq-bitwidth>16</iq-bitwidth>
  <exponent>4</exponent>
```

```
</compression>
<cp-type>NORMAL</cp-type>
<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_15</scs>
 <number-of-prb>273</number-of-prb>
</number-of-prb-per-scs>
<e-axcid>
 <o-du-port-bitmask>65024</o-du-port-bitmask>
 <band-sector-bitmask>448</band-sector-bitmask>
 <ccid-bitmask>56</ccid-bitmask>
 <ru-port-bitmask>7</ru-port-bitmask>
 <eaxc-id>2</eaxc-id>
</e-axcid>
</low-level-tx-endpoints>
<low-level-tx-endpoints>
<name>slltx-endpoint2</name>
<compression>
 <compression-type>STATIC</compression-type>
 <iq-bitwidth>16</iq-bitwidth>
 <exponent>4</exponent>
</compression>
<cp-type>NORMAL</cp-type>
<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_15</scs>
 <number-of-prb>273</number-of-prb>
</number-of-prb-per-scs>
<e-axcid>
 <o-du-port-bitmask>65024</o-du-port-bitmask>
 <band-sector-bitmask>448</band-sector-bitmask>
 <ccid-bitmask>56</ccid-bitmask>
 <ru-port-bitmask>7</ru-port-bitmask>
 <eaxc-id>3</eaxc-id>
</e-axcid>
</low-level-tx-endpoints>
<low-level-tx-endpoints>
<name>slltx-endpoint3</name>
<compression>
 <compression-type>STATIC</compression-type>
 <iq-bitwidth>16</iq-bitwidth>
 <exponent>4</exponent>
</compression>
<cp-type>NORMAL</cp-type>
<cp-length>352</cp-length>
```

```xml
<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_15</scs>
 <number-of-prb>273</number-of-prb>
</number-of-prb-per-scs>
<e-axcid>
 <o-du-port-bitmask>65024</o-du-port-bitmask>
 <band-sector-bitmask>448</band-sector-bitmask>
 <ccid-bitmask>56</ccid-bitmask>
 <ru-port-bitmask>7</ru-port-bitmask>
 <eaxc-id>4</eaxc-id>
</e-axcid>
</low-level-tx-endpoints>
<low-level-rx-endpoints>
<name>sllrx-endpoint0</name>
<compression>
 <compression-type>STATIC</compression-type>
 <iq-bitwidth>16</iq-bitwidth>
 <exponent>4</exponent>
</compression>
<cp-type>NORMAL</cp-type>
<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_15</scs>
 <number-of-prb>273</number-of-prb>
</number-of-prb-per-scs>
<ul-fft-sampling-offsets>
 <scs>KHZ_15</scs>
</ul-fft-sampling-offsets>
<e-axcid>
 <o-du-port-bitmask>65024</o-du-port-bitmask>
 <band-sector-bitmask>448</band-sector-bitmask>
 <ccid-bitmask>56</ccid-bitmask>
 <ru-port-bitmask>7</ru-port-bitmask>
 <eaxc-id>1</eaxc-id>
</e-axcid>
<non-time-managed-delay-enabled>false</non-time-managed-delay-enabled>
</low-level-rx-endpoints>
<low-level-rx-endpoints>
<name>sllrx-endpoint1</name>
<compression>
 <compression-type>STATIC</compression-type>
 <iq-bitwidth>16</iq-bitwidth>
 <exponent>4</exponent>
</compression>
<cp-type>NORMAL</cp-type>
```

```
<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_15</scs>
 <number-of-prb>273</number-of-prb>
</number-of-prb-per-scs>
<ul-fft-sampling-offsets>
 <scs>KHZ_15</scs>
</ul-fft-sampling-offsets>
<e-axcid>
 <o-du-port-bitmask>65024</o-du-port-bitmask>
 <band-sector-bitmask>448</band-sector-bitmask>
 <ccid-bitmask>56</ccid-bitmask>
 <ru-port-bitmask>7</ru-port-bitmask>
 <eaxc-id>2</eaxc-id>
</e-axcid>
<non-time-managed-delay-enabled>false</non-time-managed-delay-enabled>
</low-level-rx-endpoints>
<low-level-rx-endpoints>
<name>sllrx-endpoint2</name>
<compression>
 <compression-type>STATIC</compression-type>
 <iq-bitwidth>16</iq-bitwidth>
 <exponent>4</exponent>
</compression>
<cp-type>NORMAL</cp-type>
<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_15</scs>
 <number-of-prb>273</number-of-prb>
</number-of-prb-per-scs>
<ul-fft-sampling-offsets>
 <scs>KHZ_15</scs>
</ul-fft-sampling-offsets>
<e-axcid>
 <o-du-port-bitmask>65024</o-du-port-bitmask>
 <band-sector-bitmask>448</band-sector-bitmask>
 <ccid-bitmask>56</ccid-bitmask>
 <ru-port-bitmask>7</ru-port-bitmask>
 <eaxc-id>3</eaxc-id>
</e-axcid>
<non-time-managed-delay-enabled>false</non-time-managed-delay-enabled>
</low-level-rx-endpoints>
<low-level-rx-endpoints>
<name>sllrx-endpoint3</name>
<compression>
```

```
 <compression-type>STATIC</compression-type>
 <iq-bitwidth>16</iq-bitwidth>
 <exponent>4</exponent>
</compression>
<cp-type>NORMAL</cp-type>
<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_15</scs>
 <number-of-prb>273</number-of-prb>
</number-of-prb-per-scs>
<ul-fft-sampling-offsets>
 <scs>KHZ_15</scs>
</ul-fft-sampling-offsets>
<e-axcid>
 <o-du-port-bitmask>65024</o-du-port-bitmask>
 <band-sector-bitmask>448</band-sector-bitmask>
 <ccid-bitmask>56</ccid-bitmask>
 <ru-port-bitmask>7</ru-port-bitmask>
 <eaxc-id>4</eaxc-id>
</e-axcid>
 <non-time-managed-delay-enabled>false</non-time-managed-delay-enabled>
</low-level-rx-endpoints>
<tx-array-carriers>
 <name>txarraycarrier0</name>
 <absolute-frequency-center>428000</absolute-frequency-center>
 <center-of-channel-bandwidth>2140000000</center-of-channel-bandwidth>
 <channel-bandwidth>10000000</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>FDD</duplex-scheme>
</tx-array-carriers>
<rx-array-carriers>
 <name>rxarraycarrier0</name>
 <absolute-frequency-center>390000</absolute-frequency-center>
 <center-of-channel-bandwidth>1950000000</center-of-channel-bandwidth>
 <channel-bandwidth>10000000</channel-bandwidth>
 <active>ACTIVE</active>
 <downlink-radio-frame-offset>0</downlink-radio-frame-offset>
 <downlink-sfn-offset>0</downlink-sfn-offset>
 <gain-correction>0.0</gain-correction>
 <n-ta-offset>25600</n-ta-offset>
 <state>DISABLED</state>
 <type>NR</type>
 <duplex-scheme>FDD</duplex-scheme>
```

```
</rx-array-carriers>
<tx-arrays>
 <name>slltx-endpoint0</name>
 <number-of-rows>1</number-of-rows>
 <number-of-columns>1</number-of-columns>
 <number-of-array-layers>1</number-of-array-layers>
 <horizontal-spacing>1.0</horizontal-spacing>
 <vertical-spacing>1.0</vertical-spacing>
 <normal-vector-direction>
  <azimuth-angle>1.0</azimuth-angle>
  <zenith-angle>1.0</zenith-angle>
 </normal-vector-direction>
 <leftmost-bottom-array-element-position>
  <x>1.0</x>
  <y>1.0</y>
  <z>1.0</z>
 </leftmost-bottom-array-element-position>
 <band-number>28</band-number>
 <capabilities>
  <max-supported-frequency-dl>803000000</max-supported-frequency-dl>
 </capabilities>
 <capabilities>
  <min-supported-frequency-dl>758000000</min-supported-frequency-dl>
 </capabilities>
 <capabilities>
  <max-supported-bandwidth-dl>20000000</max-supported-bandwidth-dl>
 </capabilities>
 <capabilities>
  <max-num-carriers-dl>2</max-num-carriers-dl>
 </capabilities>
 <capabilities>
  <max-carrier-bandwidth-dl>20000000</max-carrier-bandwidth-dl>
 </capabilities>
 <capabilities>
  <min-carrier-bandwidth-dl>1400000</min-carrier-bandwidth-dl>
 </capabilities>
</tx-arrays>
<tx-arrays>
 <name>slltx-endpoint1</name>
 <number-of-rows>1</number-of-rows>
 <number-of-columns>1</number-of-columns>
 <number-of-array-layers>1</number-of-array-layers>
 <horizontal-spacing>1.0</horizontal-spacing>
 <vertical-spacing>1.0</vertical-spacing>
 <normal-vector-direction>
  <azimuth-angle>1.0</azimuth-angle>
  <zenith-angle>1.0</zenith-angle>
 </normal-vector-direction>
 <leftmost-bottom-array-element-position>
```

```
  <x>1.0</x>
  <y>1.0</y>
  <z>1.0</z>
 </leftmost-bottom-array-element-position>
 <band-number>28</band-number>
 <capabilities>
  <max-supported-frequency-dl>803000000</max-supported-frequency-dl>
 </capabilities>
 <capabilities>
  <min-supported-frequency-dl>758000000</min-supported-frequency-dl>
 </capabilities>
 <capabilities>
  <max-supported-bandwidth-dl>20000000</max-supported-bandwidth-dl>
 </capabilities>
 <capabilities>
  <max-num-carriers-dl>2</max-num-carriers-dl>
 </capabilities>
 <capabilities>
  <max-carrier-bandwidth-dl>20000000</max-carrier-bandwidth-dl>
 </capabilities>
 <capabilities>
  <min-carrier-bandwidth-dl>1400000</min-carrier-bandwidth-dl>
 </capabilities>
</tx-arrays>
<tx-arrays>
 <name>slltx-endpoint2</name>
 <number-of-rows>1</number-of-rows>
 <number-of-columns>1</number-of-columns>
 <number-of-array-layers>1</number-of-array-layers>
 <horizontal-spacing>1.0</horizontal-spacing>
 <vertical-spacing>1.0</vertical-spacing>
 <normal-vector-direction>
  <azimuth-angle>1.0</azimuth-angle>
  <zenith-angle>1.0</zenith-angle>
 </normal-vector-direction>
 <leftmost-bottom-array-element-position>
  <x>1.0</x>
  <y>1.0</y>
  <z>1.0</z>
 </leftmost-bottom-array-element-position>
 <band-number>28</band-number>
 <capabilities>
  <max-supported-frequency-dl>803000000</max-supported-frequency-dl>
 </capabilities>
 <capabilities>
  <min-supported-frequency-dl>758000000</min-supported-frequency-dl>
 </capabilities>
 <capabilities>
  <max-supported-bandwidth-dl>20000000</max-supported-bandwidth-dl>
```

```
</capabilities>
<capabilities>
 <max-num-carriers-dl>2</max-num-carriers-dl>
</capabilities>
<capabilities>
 <max-carrier-bandwidth-dl>20000000</max-carrier-bandwidth-dl>
</capabilities>
<capabilities>
 <min-carrier-bandwidth-dl>1400000</min-carrier-bandwidth-dl>
</capabilities>
</tx-arrays>
<tx-arrays>
 <name>slltx-endpoint3</name>
 <number-of-rows>1</number-of-rows>
 <number-of-columns>1</number-of-columns>
 <number-of-array-layers>1</number-of-array-layers>
 <horizontal-spacing>1.0</horizontal-spacing>
 <vertical-spacing>1.0</vertical-spacing>
 <normal-vector-direction>
  <azimuth-angle>1.0</azimuth-angle>
  <zenith-angle>1.0</zenith-angle>
 </normal-vector-direction>
 <leftmost-bottom-array-element-position>
  <x>1.0</x>
  <y>1.0</y>
  <z>1.0</z>
 </leftmost-bottom-array-element-position>
 <band-number>28</band-number>
 <capabilities>
  <max-supported-frequency-dl>803000000</max-supported-frequency-dl>
 </capabilities>
 <capabilities>
  <min-supported-frequency-dl>758000000</min-supported-frequency-dl>
 </capabilities>
 <capabilities>
  <max-supported-bandwidth-dl>20000000</max-supported-bandwidth-dl>
 </capabilities>
 <capabilities>
  <max-num-carriers-dl>2</max-num-carriers-dl>
 </capabilities>
 <capabilities>
  <max-carrier-bandwidth-dl>20000000</max-carrier-bandwidth-dl>
 </capabilities>
 <capabilities>
  <min-carrier-bandwidth-dl>1400000</min-carrier-bandwidth-dl>
 </capabilities>
</tx-arrays>
<rx-arrays>
 <name>sllrx-endpoint0</name>
```

```
<number-of-rows>1</number-of-rows>
<number-of-columns>1</number-of-columns>
<number-of-array-layers>1</number-of-array-layers>
<horizontal-spacing>1.0</horizontal-spacing>
<vertical-spacing>1.0</vertical-spacing>
<normal-vector-direction>
 <azimuth-angle>1.0</azimuth-angle>
 <zenith-angle>1.0</zenith-angle>
</normal-vector-direction>
<leftmost-bottom-array-element-position>
 <x>1.0</x>
 <y>1.0</y>
 <z>1.0</z>
</leftmost-bottom-array-element-position>
<band-number>28</band-number>
<capabilities>
 <max-supported-frequency-ul>748000000</max-supported-frequency-ul>
</capabilities>
<capabilities>
 <min-supported-frequency-ul>703000000</min-supported-frequency-ul>
</capabilities>
<capabilities>
 <max-supported-bandwidth-ul>20000000</max-supported-bandwidth-ul>
</capabilities>
<capabilities>
 <max-num-carriers-ul>2</max-num-carriers-ul>
</capabilities>
<capabilities>
 <max-carrier-bandwidth-ul>20000000</max-carrier-bandwidth-ul>
</capabilities>
<capabilities>
 <min-carrier-bandwidth-ul>1400000</min-carrier-bandwidth-ul>
</capabilities>
</rx-arrays>
<rx-arrays>
 <name>sllrx-endpoint1</name>
 <number-of-rows>1</number-of-rows>
 <number-of-columns>1</number-of-columns>
 <number-of-array-layers>1</number-of-array-layers>
 <horizontal-spacing>1.0</horizontal-spacing>
 <vertical-spacing>1.0</vertical-spacing>
 <normal-vector-direction>
 <azimuth-angle>1.0</azimuth-angle>
 <zenith-angle>1.0</zenith-angle>
 </normal-vector-direction>
 <leftmost-bottom-array-element-position>
 <x>1.0</x>
 <y>1.0</y>
 <z>1.0</z>
```

```
</leftmost-bottom-array-element-position>
<band-number>28</band-number>
<capabilities>
 <max-supported-frequency-ul>748000000</max-supported-frequency-ul>
</capabilities>
<capabilities>
 <min-supported-frequency-ul>703000000</min-supported-frequency-ul>
</capabilities>
<capabilities>
 <max-supported-bandwidth-ul>20000000</max-supported-bandwidth-ul>
</capabilities>
<capabilities>
 <max-num-carriers-ul>2</max-num-carriers-ul>
</capabilities>
<capabilities>
 <max-carrier-bandwidth-ul>20000000</max-carrier-bandwidth-ul>
</capabilities>
<capabilities>
 <min-carrier-bandwidth-ul>1400000</min-carrier-bandwidth-ul>
</capabilities>
</rx-arrays>
<rx-arrays>
 <name>sllrx-endpoint2</name>
 <number-of-rows>1</number-of-rows>
 <number-of-columns>1</number-of-columns>
 <number-of-array-layers>1</number-of-array-layers>
 <horizontal-spacing>1.0</horizontal-spacing>
 <vertical-spacing>1.0</vertical-spacing>
 <normal-vector-direction>
  <azimuth-angle>1.0</azimuth-angle>
  <zenith-angle>1.0</zenith-angle>
 </normal-vector-direction>
 <leftmost-bottom-array-element-position>
  <x>1.0</x>
  <y>1.0</y>
  <z>1.0</z>
 </leftmost-bottom-array-element-position>
 <band-number>28</band-number>
 <capabilities>
  <max-supported-frequency-ul>748000000</max-supported-frequency-ul>
 </capabilities>
 <capabilities>
  <min-supported-frequency-ul>703000000</min-supported-frequency-ul>
 </capabilities>
 <capabilities>
  <max-supported-bandwidth-ul>20000000</max-supported-bandwidth-ul>
 </capabilities>
 <capabilities>
  <max-num-carriers-ul>2</max-num-carriers-ul>
```

```
</capabilities>
<capabilities>
 <max-carrier-bandwidth-ul>20000000</max-carrier-bandwidth-ul>
</capabilities>
<capabilities>
 <min-carrier-bandwidth-ul>1400000</min-carrier-bandwidth-ul>
</capabilities>
</rx-arrays>
<rx-arrays>
<name>sllrx-endpoint3</name>
<number-of-rows>1</number-of-rows>
<number-of-columns>1</number-of-columns>
<number-of-array-layers>1</number-of-array-layers>
<horizontal-spacing>1.0</horizontal-spacing>
<vertical-spacing>1.0</vertical-spacing>
<normal-vector-direction>
 <azimuth-angle>1.0</azimuth-angle>
 <zenith-angle>1.0</zenith-angle>
</normal-vector-direction>
<leftmost-bottom-array-element-position>
 <x>1.0</x>
 <y>1.0</y>
 <z>1.0</z>
</leftmost-bottom-array-element-position>
<band-number>28</band-number>
<capabilities>
 <max-supported-frequency-ul>748000000</max-supported-frequency-ul>
</capabilities>
<capabilities>
 <min-supported-frequency-ul>703000000</min-supported-frequency-ul>
</capabilities>
<capabilities>
 <max-supported-bandwidth-ul>20000000</max-supported-bandwidth-ul>
</capabilities>
<capabilities>
 <max-num-carriers-ul>2</max-num-carriers-ul>
</capabilities>
<capabilities>
 <max-carrier-bandwidth-ul>20000000</max-carrier-bandwidth-ul>
</capabilities>
<capabilities>
 <min-carrier-bandwidth-ul>1400000</min-carrier-bandwidth-ul>
</capabilities>
</rx-arrays>
<relations>
<entity>0</entity>
<array1>
 <tx-array-name>slltx-endpoint0</tx-array-name>
</array1>
```

```
<array2>
 <rx-array-name>sllrx-endpoint0</rx-array-name>
</array2>
<types/>
<types>
 <relation-type>COALOCATED</relation-type>
 <pairs>
  <element-array1>1</element-array1>
  <element-array2>0</element-array2>
 </pairs>
</types>
</relations>
<relations>
<entity>1</entity>
<array1>
 <tx-array-name>slltx-endpoint1</tx-array-name>
</array1>
<array2>
 <rx-array-name>sllrx-endpoint1</rx-array-name>
</array2>
<types/>
<types>
 <relation-type>COALOCATED</relation-type>
 <pairs>
  <element-array1>1</element-array1>
  <element-array2>1</element-array2>
 </pairs>
</types>
</relations>
<relations>
<entity>2</entity>
<array1>
 <tx-array-name>slltx-endpoint2</tx-array-name>
</array1>
<array2>
 <rx-array-name>sllrx-endpoint2</rx-array-name>
</array2>
<types/>
<types>
 <relation-type>COALOCATED</relation-type>
 <pairs>
  <element-array1>1</element-array1>
  <element-array2>2</element-array2>
 </pairs>
</types>
</relations>
<relations>
<entity>3</entity>
<array1>
```

```
 <tx-array-name>slltx-endpoint3</tx-array-name>
 </array1>
 <array2>
  <rx-array-name>sllrx-endpoint3</rx-array-name>
 </array2>
 <types/>
 <types>
  <relation-type>COALOCATED</relation-type>
  <pairs>
   <element-array1>1</element-array1>
   <element-array2>3</element-array2>
  </pairs>
 </types>
</relations>
<endpoint-types>
 <id>1</id>
 <supported-section-types>
  <section-type>1</section-type>
 </supported-section-types>
 <supported-section-types>
  <section-type>3</section-type>
 </supported-section-types>
 <supported-frame-structures>193</supported-frame-structures>
 <managed-delay-support>MANAGED</managed-delay-support>
 <multiple-numerology-supported>false</multiple-numerology-supported>
 <max-sections-per-symbol>46</max-sections-per-symbol>
 <max-sections-per-slot>644</max-sections-per-slot>
 <max-prb-per-symbol>273</max-prb-per-symbol>
 <max-numerologies-per-symbol>1</max-numerologies-per-symbol>
</endpoint-types>
<static-low-level-tx-endpoints>
 <name>slltx-endpoint0</name>
 <array>slltx-endpoint0</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
</static-low-level-tx-endpoints>
<static-low-level-tx-endpoints>
 <name>slltx-endpoint1</name>
 <array>slltx-endpoint1</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
</static-low-level-tx-endpoints>
<static-low-level-tx-endpoints>
 <name>slltx-endpoint2</name>
 <array>slltx-endpoint2</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
</static-low-level-tx-endpoints>
<static-low-level-tx-endpoints>
```

```
 <name>slltx-endpoint3</name>
 <array>slltx-endpoint3</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
</static-low-level-tx-endpoints>
<static-low-level-rx-endpoints>
 <name>sllrx-endpoint0</name>
 <array>sllrx-endpoint0</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
</static-low-level-rx-endpoints>
<static-low-level-rx-endpoints>
 <name>sllrx-endpoint1</name>
 <array>sllrx-endpoint1</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
</static-low-level-rx-endpoints>
<static-low-level-rx-endpoints>
 <name>sllrx-endpoint2</name>
 <array>sllrx-endpoint2</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
</static-low-level-rx-endpoints>
<static-low-level-rx-endpoints>
 <name>sllrx-endpoint3</name>
 <array>sllrx-endpoint3</array>
 <endpoint-type>1</endpoint-type>
 <capacity-sharing-groups>1</capacity-sharing-groups>
</static-low-level-rx-endpoints>
<endpoint-capacity-sharing-groups/>
<endpoint-capacity-sharing-groups>
 <id>1</id>
 <max-managed-delay-endpoints>4</max-managed-delay-endpoints>
 <max-non-managed-delay-endpoints>0</max-non-managed-delay-endpoints>
 <max-endpoints>4</max-endpoints>
 <max-sections-per-symbol>46</max-sections-per-symbol>
 <max-sections-per-slot>644</max-sections-per-slot>
 <max-prb-per-symbol>273</max-prb-per-symbol>
 <max-numerologies-per-symbol>1</max-numerologies-per-symbol>
</endpoint-capacity-sharing-groups>
</user-plane-configuration>
<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>
```

```
<module>
 <name>yang</name>
 <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>
</import-only-module>
<import-only-module>
 <name>ietf-yang-types</name>
 <revision>2013-07-15</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-yang-types</namespace>
 <location>file:///etc/sysrepo/yang/yang_models/imported/ietf/ietf-yang-types.yang</location>
</import-only-module>
<module>
 <name>sysrepo</name>
 <revision>2021-01-18</revision>
 <namespace>http://www.sysrepo.org/yang/sysrepo</namespace>
</module>
<module>
 <name>ietf-datastores</name>
 <revision>2018-02-14</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-datastores</namespace>
 <location>file:///etc/sysrepo/yang/ietf-datastores@2018-02-14.yang</location>
</module>
<module>
 <name>ietf-yang-library</name>
 <revision>2019-01-04</revision>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-yang-library</namespace>
 <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>
```

```xml
 <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>vvdn_mcel-wdm</name>
 <revision>2022-05-03</revision>
 <namespace>urn:vvdn_mcel:wdm:1.1</namespace>
 <location>file:///etc/sysrepo/yang/vvdn_mcel-wdm@2022-05-03.yang</location>
</module>
<module>
 <name>vvdn_mcel-opm</name>
 <revision>2020-11-08</revision>
 <namespace>urn:vvdn_mcel-opm:1.1</namespace>
 <location>file:///etc/sysrepo/yang/vvdn_mcel-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-ald-port</name>
 <revision>2019-07-03</revision>
 <namespace>urn:o-ran:ald-port:1.0</namespace>
 <location>file:///etc/sysrepo/yang/o-ran-ald-port@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>
 <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>
 <feature>GNSS</feature>
</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-ald</name>
   <revision>2019-07-03</revision>
   <namespace>urn:o-ran:ald:1.0</namespace>
   <location>file:///etc/sysrepo/yang/o-ran-ald@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>63</content-id>
 <datastore>
```

```xml
 <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>
<module>
 <name>ietf-ssh-common</name>
 <revision>2019-07-02</revision>
 <schema>file:///etc/sysrepo/yang/ietf-ssh-common@2019-07-02.yang</schema>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-ssh-common</namespace>
 <conformance-type>import</conformance-type>
</module>
<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>
 <conformance-type>import</conformance-type>
</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>
 <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>
 <schema>file:///etc/sysrepo/yang/ietf-tls-common@2019-07-02.yang</schema>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-tls-common</namespace>
 <conformance-type>import</conformance-type>
</module>
<module>
 <name>ietf-tls-server</name>
 <revision>2019-07-02</revision>
 <schema>file:///etc/sysrepo/yang/ietf-tls-server@2019-07-02.yang</schema>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-tls-server</namespace>
 <feature>local-client-auth-supported</feature>
 <conformance-type>implement</conformance-type>
</module>
<module>
 <name>ietf-tcp-client</name>
 <revision>2019-07-02</revision>
 <schema>file:///etc/sysrepo/yang/ietf-tcp-client@2019-07-02.yang</schema>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-tcp-client</namespace>
 <conformance-type>import</conformance-type>
</module>
<module>
 <name>ietf-tcp-server</name>
 <revision>2019-07-02</revision>
 <schema>file:///etc/sysrepo/yang/ietf-tcp-server@2019-07-02.yang</schema>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-tcp-server</namespace>
 <conformance-type>import</conformance-type>
</module>
<module>
 <name>ietf-netconf-server</name>
 <revision>2019-07-02</revision>
 <schema>file:///etc/sysrepo/yang/ietf-netconf-server@2019-07-02.yang</schema>
 <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>
</module>
<module>
<name>vvdn_mcel-wdm</name>
<revision>2022-05-03</revision>
<schema>file:///etc/sysrepo/yang/vvdn_mcel-wdm@2022-05-03.yang</schema>
<namespace>urn:vvdn_mcel:wdm:1.1</namespace>
<conformance-type>implement</conformance-type>
</module>
<module>
<name>vvdn_mcel-opm</name>
<revision>2020-11-08</revision>
<schema>file:///etc/sysrepo/yang/vvdn_mcel-opm@2020-11-08.yang</schema>
<namespace>urn:vvdn_mcel-opm:1.1</namespace>
<conformance-type>implement</conformance-type>
</module>
<module>
<name>notification_history</name>
<revision/>
<schema>file:///etc/sysrepo/yang/notification_history.yang</schema>
<namespace>urn:notification_history</namespace>
<conformance-type>implement</conformance-type>
</module>
<module>
<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>
</module>
<module>
<name>ietf-hardware</name>
<revision>2018-03-13</revision>
<schema>file:///etc/sysrepo/yang/ietf-hardware@2018-03-13.yang</schema>
<namespace>urn:ietf:params:xml:ns:yang:ietf-hardware</namespace>
<feature>hardware-state</feature>
<conformance-type>implement</conformance-type>
</module>
<module>
<name>ietf-interfaces</name>
<revision>2018-02-20</revision>
<schema>file:///etc/sysrepo/yang/ietf-interfaces@2018-02-20.yang</schema>
<namespace>urn:ietf:params:xml:ns:yang:ietf-interfaces</namespace>
<conformance-type>implement</conformance-type>
</module>
<module>
```

```
<name>iana-if-type</name>
<revision>2017-01-19</revision>
<schema>file:///etc/sysrepo/yang/iana-if-type@2017-01-19.yang</schema>
<namespace>urn:ietf:params:xml:ns:yang:iana-if-type</namespace>
<conformance-type>implement</conformance-type>
</module>
<module>
<name>ietf-dhcpv6-types</name>
<revision>2018-01-30</revision>
<schema>file:///etc/sysrepo/yang/ietf-dhcpv6-types@2018-01-30.yang</schema>
<namespace>urn:ietf:params:xml:ns:yang:ietf-dhcpv6-types</namespace>
<conformance-type>implement</conformance-type>
</module>
<module>
<name>ietf-ip</name>
<revision>2018-02-22</revision>
<schema>file:///etc/sysrepo/yang/ietf-ip@2018-02-22.yang</schema>
<namespace>urn:ietf:params:xml:ns:yang:ietf-ip</namespace>
<feature>ipv4-non-contiguous-netmasks</feature>
<conformance-type>implement</conformance-type>
</module>
<module>
<name>o-ran-dhcp</name>
<revision>2019-07-03</revision>
<schema>file:///etc/sysrepo/yang/o-ran-dhcp@2019-07-03.yang</schema>
<namespace>urn:o-ran:dhcp:1.0</namespace>
<conformance-type>implement</conformance-type>
</module>
<module>
<name>o-ran-interfaces</name>
<revision>2019-07-03</revision>
<schema>file:///etc/sysrepo/yang/o-ran-interfaces@2019-07-03.yang</schema>
<namespace>urn:o-ran:interfaces:1.0</namespace>
<conformance-type>implement</conformance-type>
</module>
<module>
<name>o-ran-mplane-int</name>
<revision>2019-07-03</revision>
<schema>file:///etc/sysrepo/yang/o-ran-mplane-int@2019-07-03.yang</schema>
<namespace>urn:o-ran:mplane-interfaces:1.0</namespace>
<conformance-type>implement</conformance-type>
</module>
<module>
<name>o-ran-transceiver</name>
<revision>2019-07-03</revision>
<schema>file:///etc/sysrepo/yang/o-ran-transceiver@2019-07-03.yang</schema>
<namespace>urn:o-ran:transceiver:1.0</namespace>
<conformance-type>implement</conformance-type>
</module>
```

```
<module>
 <name>o-ran-processing-element</name>
 <revision>2019-07-03</revision>
 <schema>file:///etc/sysrepo/yang/o-ran-processing-element@2019-07-03.yang</schema>
 <namespace>urn:o-ran:processing-element:1.0</namespace>
 <conformance-type>implement</conformance-type>
</module>
<module>
 <name>o-ran-ald-port</name>
 <revision>2019-07-03</revision>
 <schema>file:///etc/sysrepo/yang/o-ran-ald-port@2019-07-03.yang</schema>
 <namespace>urn:o-ran:ald-port:1.0</namespace>
 <conformance-type>implement</conformance-type>
</module>
<module>
 <name>o-ran-supervision</name>
 <revision>2019-07-03</revision>
 <schema>file:///etc/sysrepo/yang/o-ran-supervision@2019-07-03.yang</schema>
 <namespace>urn:o-ran:supervision:1.0</namespace>
 <conformance-type>implement</conformance-type>
</module>
<module>
 <name>o-ran-hardware</name>
 <revision>2019-07-03</revision>
 <schema>file:///etc/sysrepo/yang/o-ran-hardware@2019-07-03.yang</schema>
 <namespace>urn:o-ran:hardware:1.0</namespace>
 <conformance-type>implement</conformance-type>
</module>
<module>
 <name>o-ran-fm</name>
 <revision>2019-02-04</revision>
 <schema>file:///etc/sysrepo/yang/o-ran-fm@2019-02-04.yang</schema>
 <namespace>urn:o-ran:fm:1.0</namespace>
 <conformance-type>implement</conformance-type>
</module>
<module>
 <name>o-ran-usermgmt</name>
 <revision>2019-07-03</revision>
 <schema>file:///etc/sysrepo/yang/o-ran-usermgmt@2019-07-03.yang</schema>
 <namespace>urn:o-ran:user-mgmt:1.0</namespace>
 <conformance-type>implement</conformance-type>
</module>
<module>
 <name>o-ran-sync</name>
 <revision>2019-07-03</revision>
 <schema>file:///etc/sysrepo/yang/o-ran-sync@2019-07-03.yang</schema>
 <namespace>urn:o-ran:sync:1.0</namespace>
 <feature>GNSS</feature>
 <conformance-type>implement</conformance-type>
```

```
  </module>
  <module>
   <name>o-ran-compression-factors</name>
   <revision>2019-07-03</revision>
   <schema>file:///etc/sysrepo/yang/o-ran-compression-factors@2019-07-03.yang</schema>
   <namespace>urn:o-ran:compression-factors:1.0</namespace>
   <conformance-type>implement</conformance-type>
  </module>
  <module>
   <name>o-ran-module-cap</name>
   <revision>2019-07-03</revision>
   <schema>file:///etc/sysrepo/yang/o-ran-module-cap@2019-07-03.yang</schema>
   <namespace>urn:o-ran:module-cap:1.0</namespace>
   <conformance-type>implement</conformance-type>
  </module>
  <module>
   <name>o-ran-delay-management</name>
   <revision>2019-07-03</revision>
   <schema>file:///etc/sysrepo/yang/o-ran-delay-management@2019-07-03.yang</schema>
   <namespace>urn:o-ran:delay:1.0</namespace>
   <conformance-type>implement</conformance-type>
  </module>
  <module>
   <name>o-ran-operations</name>
   <revision>2019-07-03</revision>
   <schema>file:///etc/sysrepo/yang/o-ran-operations@2019-07-03.yang</schema>
   <namespace>urn:o-ran:operations:1.0</namespace>
   <conformance-type>implement</conformance-type>
  </module>
  <module>
   <name>o-ran-uplane-conf</name>
   <revision>2019-07-03</revision>
   <schema>file:///etc/sysrepo/yang/o-ran-uplane-conf@2019-07-03.yang</schema>
   <namespace>urn:o-ran:uplane-conf:1.0</namespace>
   <conformance-type>implement</conformance-type>
  </module>
  <module>
   <name>o-ran-file-management</name>
   <revision>2019-07-03</revision>
   <schema>file:///etc/sysrepo/yang/o-ran-file-management@2019-07-03.yang</schema>
   <namespace>urn:o-ran:file-management:1.0</namespace>
   <conformance-type>implement</conformance-type>
  </module>
  <module>
   <name>o-ran-software-management</name>
   <revision>2019-07-03</revision>
   <schema>file:///etc/sysrepo/yang/o-ran-software-management@2019-07-03.yang</schema>
   <namespace>urn:o-ran:software-management:1.0</namespace>
   <conformance-type>implement</conformance-type>
```

</module>
<module>
 <name>o-ran-performance-management</name>
 <revision>2019-07-03</revision>
 <schema>file:///etc/sysrepo/yang/o-ran-performance-management@2019-07-03.yang</schema>
 <namespace>urn:o-ran:performance-management:1.0</namespace>
 <conformance-type>implement</conformance-type>
</module>
<module>
 <name>o-ran-ald</name>
 <revision>2019-07-03</revision>
 <schema>file:///etc/sysrepo/yang/o-ran-ald@2019-07-03.yang</schema>
 <namespace>urn:o-ran:ald:1.0</namespace>
 <conformance-type>implement</conformance-type>
</module>
<module>
 <name>o-ran-trace</name>
 <revision>2019-07-03</revision>
 <schema>file:///etc/sysrepo/yang/o-ran-trace@2019-07-03.yang</schema>
 <namespace>urn:o-ran:trace:1.0</namespace>
 <conformance-type>implement</conformance-type>
</module>
<module>
 <name>o-ran-troubleshooting</name>
 <revision>2019-02-04</revision>
 <schema>file:///etc/sysrepo/yang/o-ran-troubleshooting@2019-02-04.yang</schema>
 <namespace>urn:o-ran:troubleshooting:1.0</namespace>
 <conformance-type>implement</conformance-type>
</module>
 <module-set-id>63</module-set-id>
</modules-state>
<netconf-state xmlns="urn:ietf:params:xml:ns:yang:ietf-netconf-monitoring">
 <capabilities>
  <capability>urn:ietf:params:netconf:base:1.0</capability>
  <capability>urn:ietf:params:netconf:base:1.1</capability>
  <capability>urn:ietf:params:netconf:capability:writable-running:1.0</capability>
  <capability>urn:ietf:params:netconf:capability:candidate:1.0</capability>
  <capability>urn:ietf:params:netconf:capability:rollback-on-error:1.0</capability>
  <capability>urn:ietf:params:netconf:capability:validate:1.1</capability>
  <capability>urn:ietf:params:netconf:capability:startup:1.0</capability>
  <capability>urn:ietf:params:netconf:capability:xpath:1.0</capability>
  <capability>urn:ietf:params:netconf:capability:with-defaults:1.0?basic-mode=explicit&also-supported=report-all,report-all-tagged,trim,explicit</capability>
  <capability>urn:ietf:params:netconf:capability:notification:1.0</capability>
  <capability>urn:ietf:params:netconf:capability:interleave:1.0</capability>
  <capability>urn:ietf:params:xml:ns:yang:ietf-yang-metadata?module=ietf-yang-metadata&revision=2016-08-05</capability>
  <capability>urn:ietf:params:xml:ns:yang:1?module=yang&revision=2017-02-20</capability>
  <capability>urn:ietf:params:xml:ns:yang:ietf-inet-types?module=ietf-inet-types&revision=2013-07-15</capability>
  <capability>urn:ietf:params:xml:ns:yang:ietf-yang-types?module=ietf-yang-types&revision=2013-07-15</capability>

```
<capability>urn:ietf:params:netconf:capability:yang-library:1.1?revision=2019-01-04&amp;content-id=63</capability>
<capability>urn:sysrepo:plugind?module=sysrepo-plugind&amp;revision=2020-12-10</capability>
<capability>urn:ietf:params:xml:ns:yang:ietf-netconf-acm?module=ietf-netconf-acm&amp;revision=2018-02-14</capability>
<capability>urn:ietf:params:xml:ns:netconf:base:1.0?module=ietf-netconf&amp;revision=2013-09-29&amp;features=writable-running,candidate
,rollback-on-error,validate,startup,url,xpath</capability>
<capability>urn:ietf:params:xml:ns:yang:ietf-netconf-with-defaults?module=ietf-netconf-with-defaults&amp;revision=2011-06-01</capability>
<capability>urn:ietf:params:xml:ns:yang:ietf-netconf-notifications?module=ietf-netconf-notifications&amp;revision=2012-02-06</capability>
<capability>urn:ietf:params:xml:ns:yang:ietf-netconf-monitoring?module=ietf-netconf-monitoring&amp;revision=2010-10-04</capability>
<capability>urn:ietf:params:xml:ns:netconf:notification:1.0?module=notifications&amp;revision=2008-07-14</capability>
<capability>urn:ietf:params:xml:ns:netmod:notification?module=nc-notifications&amp;revision=2008-07-14</capability>
<capability>urn:ietf:params:xml:ns:yang:ietf-x509-cert-to-name?module=ietf-x509-cert-to-name&amp;revision=2014-12-10</capability>
<capability>urn:ietf:params:xml:ns:yang:iana-crypt-hash?module=iana-crypt-hash&amp;revision=2014-08-06</capability>
<capability>urn:notification_history?module=notification_history</capability>
<capability>urn:ietf:params:xml:ns:yang:iana-if-type?module=iana-if-type&amp;revision=2017-01-19</capability>
</capabilities>
<datastores>
 <datastore>
  <name>running</name>
 </datastore>
 <datastore>
  <name>startup</name>
 </datastore>
 <datastore>
  <name>candidate</name>
 </datastore>
</datastores>
<schemas>
<schema>
 <identifier>ietf-yang-metadata</identifier>
 <version>2016-08-05</version>
 <format>yang</format>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-yang-metadata</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>ietf-yang-metadata</identifier>
 <version>2016-08-05</version>
 <format>yin</format>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-yang-metadata</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>yang</identifier>
 <version>2017-02-20</version>
 <format>yang</format>
 <namespace>urn:ietf:params:xml:ns:yang:1</namespace>
 <location>NETCONF</location>
</schema>
<schema>
```

```xml
 <identifier>yang</identifier>
 <version>2017-02-20</version>
 <format>yin</format>
 <namespace>urn:ietf:params:xml:ns:yang:1</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>ietf-inet-types</identifier>
 <version>2013-07-15</version>
 <format>yang</format>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-inet-types</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>ietf-inet-types</identifier>
 <version>2013-07-15</version>
 <format>yin</format>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-inet-types</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>ietf-yang-types</identifier>
 <version>2013-07-15</version>
 <format>yang</format>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-yang-types</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>ietf-yang-types</identifier>
 <version>2013-07-15</version>
 <format>yin</format>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-yang-types</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>sysrepo</identifier>
 <version>2021-01-18</version>
 <format>yang</format>
 <namespace>http://www.sysrepo.org/yang/sysrepo</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>sysrepo</identifier>
 <version>2021-01-18</version>
 <format>yin</format>
 <namespace>http://www.sysrepo.org/yang/sysrepo</namespace>
 <location>NETCONF</location>
</schema>
<schema>
```

```xml
<identifier>ietf-datastores</identifier>
<version>2018-02-14</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-datastores</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-datastores</identifier>
<version>2018-02-14</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-datastores</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-yang-library</identifier>
<version>2019-01-04</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-yang-library</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-yang-library</identifier>
<version>2019-01-04</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-yang-library</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>sysrepo-monitoring</identifier>
<version>2021-01-15</version>
<format>yang</format>
<namespace>http://www.sysrepo.org/yang/sysrepo-monitoring</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>sysrepo-monitoring</identifier>
<version>2021-01-15</version>
<format>yin</format>
<namespace>http://www.sysrepo.org/yang/sysrepo-monitoring</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>sysrepo-plugind</identifier>
<version>2020-12-10</version>
<format>yang</format>
<namespace>urn:sysrepo:plugind</namespace>
<location>NETCONF</location>
</schema>
<schema>
```

```
<identifier>sysrepo-plugind</identifier>
<version>2020-12-10</version>
<format>yin</format>
<namespace>urn:sysrepo:plugind</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-netconf-acm</identifier>
<version>2018-02-14</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-acm</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-netconf-acm</identifier>
<version>2018-02-14</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-acm</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-netconf</identifier>
<version>2013-09-29</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:netconf:base:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-netconf</identifier>
<version>2013-09-29</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:netconf:base:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-netconf-with-defaults</identifier>
<version>2011-06-01</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-with-defaults</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-netconf-with-defaults</identifier>
<version>2011-06-01</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-with-defaults</namespace>
<location>NETCONF</location>
</schema>
<schema>
```

```
<identifier>ietf-netconf-notifications</identifier>
<version>2012-02-06</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-notifications</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-netconf-notifications</identifier>
<version>2012-02-06</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-notifications</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-origin</identifier>
<version>2018-02-14</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-origin</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-origin</identifier>
<version>2018-02-14</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-origin</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-netconf-monitoring</identifier>
<version>2010-10-04</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-monitoring</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-netconf-monitoring</identifier>
<version>2010-10-04</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-monitoring</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-netconf-nmda</identifier>
<version>2019-01-07</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-nmda</namespace>
<location>NETCONF</location>
</schema>
<schema>
```

```
 <identifier>ietf-netconf-nmda</identifier>
 <version>2019-01-07</version>
 <format>yin</format>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-nmda</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>notifications</identifier>
 <version>2008-07-14</version>
 <format>yang</format>
 <namespace>urn:ietf:params:xml:ns:netconf:notification:1.0</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>notifications</identifier>
 <version>2008-07-14</version>
 <format>yin</format>
 <namespace>urn:ietf:params:xml:ns:netconf:notification:1.0</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>nc-notifications</identifier>
 <version>2008-07-14</version>
 <format>yang</format>
 <namespace>urn:ietf:params:xml:ns:netmod:notification</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>nc-notifications</identifier>
 <version>2008-07-14</version>
 <format>yin</format>
 <namespace>urn:ietf:params:xml:ns:netmod:notification</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>ietf-x509-cert-to-name</identifier>
 <version>2014-12-10</version>
 <format>yang</format>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-x509-cert-to-name</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>ietf-x509-cert-to-name</identifier>
 <version>2014-12-10</version>
 <format>yin</format>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-x509-cert-to-name</namespace>
 <location>NETCONF</location>
</schema>
<schema>
```

```
<identifier>ietf-crypto-types</identifier>
<version>2019-07-02</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-crypto-types</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-crypto-types</identifier>
<version>2019-07-02</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-crypto-types</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-keystore</identifier>
<version>2019-07-02</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-keystore</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-keystore</identifier>
<version>2019-07-02</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-keystore</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-truststore</identifier>
<version>2019-07-02</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-truststore</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-truststore</identifier>
<version>2019-07-02</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-truststore</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-tcp-common</identifier>
<version>2019-07-02</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-tcp-common</namespace>
<location>NETCONF</location>
</schema>
<schema>
```

```
<identifier>ietf-tcp-common</identifier>
<version>2019-07-02</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-tcp-common</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-ssh-common</identifier>
<version>2019-07-02</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-ssh-common</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-ssh-common</identifier>
<version>2019-07-02</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-ssh-common</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>iana-crypt-hash</identifier>
<version>2014-08-06</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:iana-crypt-hash</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>iana-crypt-hash</identifier>
<version>2014-08-06</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:iana-crypt-hash</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-ssh-server</identifier>
<version>2019-07-02</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-ssh-server</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-ssh-server</identifier>
<version>2019-07-02</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-ssh-server</namespace>
<location>NETCONF</location>
</schema>
<schema>
```

```
<identifier>ietf-tls-common</identifier>
<version>2019-07-02</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-tls-common</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-tls-common</identifier>
<version>2019-07-02</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-tls-common</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-tls-server</identifier>
<version>2019-07-02</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-tls-server</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-tls-server</identifier>
<version>2019-07-02</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-tls-server</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-tcp-client</identifier>
<version>2019-07-02</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-tcp-client</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-tcp-client</identifier>
<version>2019-07-02</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-tcp-client</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-tcp-server</identifier>
<version>2019-07-02</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-tcp-server</namespace>
<location>NETCONF</location>
</schema>
<schema>
```

```
<identifier>ietf-tcp-server</identifier>
<version>2019-07-02</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-tcp-server</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-netconf-server</identifier>
<version>2019-07-02</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-server</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-netconf-server</identifier>
<version>2019-07-02</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-netconf-server</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>vvdn_mcel-wdm</identifier>
<version>2022-05-03</version>
<format>yang</format>
<namespace>urn:vvdn_mcel:wdm:1.1</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>vvdn_mcel-wdm</identifier>
<version>2022-05-03</version>
<format>yin</format>
<namespace>urn:vvdn_mcel:wdm:1.1</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>vvdn_mcel-opm</identifier>
<version>2020-11-08</version>
<format>yang</format>
<namespace>urn:vvdn_mcel-opm:1.1</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>vvdn_mcel-opm</identifier>
<version>2020-11-08</version>
<format>yin</format>
<namespace>urn:vvdn_mcel-opm:1.1</namespace>
<location>NETCONF</location>
</schema>
<schema>
```

```
<identifier>notification_history</identifier>
<version/>
<format>yang</format>
<namespace>urn:notification_history</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>notification_history</identifier>
<version/>
<format>yin</format>
<namespace>urn:notification_history</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>iana-hardware</identifier>
<version>2018-03-13</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:iana-hardware</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>iana-hardware</identifier>
<version>2018-03-13</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:iana-hardware</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-hardware</identifier>
<version>2018-03-13</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-hardware</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-hardware</identifier>
<version>2018-03-13</version>
<format>yin</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-hardware</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>ietf-interfaces</identifier>
<version>2018-02-20</version>
<format>yang</format>
<namespace>urn:ietf:params:xml:ns:yang:ietf-interfaces</namespace>
<location>NETCONF</location>
</schema>
<schema>
```

```
 <identifier>ietf-interfaces</identifier>
 <version>2018-02-20</version>
 <format>yin</format>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-interfaces</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>iana-if-type</identifier>
 <version>2017-01-19</version>
 <format>yang</format>
 <namespace>urn:ietf:params:xml:ns:yang:iana-if-type</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>iana-if-type</identifier>
 <version>2017-01-19</version>
 <format>yin</format>
 <namespace>urn:ietf:params:xml:ns:yang:iana-if-type</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>ietf-dhcpv6-types</identifier>
 <version>2018-01-30</version>
 <format>yang</format>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-dhcpv6-types</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>ietf-dhcpv6-types</identifier>
 <version>2018-01-30</version>
 <format>yin</format>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-dhcpv6-types</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>ietf-ip</identifier>
 <version>2018-02-22</version>
 <format>yang</format>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-ip</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>ietf-ip</identifier>
 <version>2018-02-22</version>
 <format>yin</format>
 <namespace>urn:ietf:params:xml:ns:yang:ietf-ip</namespace>
 <location>NETCONF</location>
</schema>
<schema>
```

```
<identifier>o-ran-dhcp</identifier>
<version>2019-07-03</version>
<format>yang</format>
<namespace>urn:o-ran:dhcp:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-dhcp</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:dhcp:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-interfaces</identifier>
<version>2019-07-03</version>
<format>yang</format>
<namespace>urn:o-ran:interfaces:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-interfaces</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:interfaces:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-mplane-int</identifier>
<version>2019-07-03</version>
<format>yang</format>
<namespace>urn:o-ran:mplane-interfaces:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-mplane-int</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:mplane-interfaces:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-transceiver</identifier>
<version>2019-07-03</version>
<format>yang</format>
<namespace>urn:o-ran:transceiver:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
```

```
<identifier>o-ran-transceiver</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:transceiver:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-processing-element</identifier>
<version>2019-07-03</version>
<format>yang</format>
<namespace>urn:o-ran:processing-element:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-processing-element</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:processing-element:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-ald-port</identifier>
<version>2019-07-03</version>
<format>yang</format>
<namespace>urn:o-ran:ald-port:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-ald-port</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:ald-port:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-supervision</identifier>
<version>2019-07-03</version>
<format>yang</format>
<namespace>urn:o-ran:supervision:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-supervision</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:supervision:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
```

```
 <identifier>o-ran-hardware</identifier>
 <version>2019-07-03</version>
 <format>yang</format>
 <namespace>urn:o-ran:hardware:1.0</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>o-ran-hardware</identifier>
 <version>2019-07-03</version>
 <format>yin</format>
 <namespace>urn:o-ran:hardware:1.0</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>o-ran-fm</identifier>
 <version>2019-02-04</version>
 <format>yang</format>
 <namespace>urn:o-ran:fm:1.0</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>o-ran-fm</identifier>
 <version>2019-02-04</version>
 <format>yin</format>
 <namespace>urn:o-ran:fm:1.0</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>o-ran-usermgmt</identifier>
 <version>2019-07-03</version>
 <format>yang</format>
 <namespace>urn:o-ran:user-mgmt:1.0</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>o-ran-usermgmt</identifier>
 <version>2019-07-03</version>
 <format>yin</format>
 <namespace>urn:o-ran:user-mgmt:1.0</namespace>
 <location>NETCONF</location>
</schema>
<schema>
 <identifier>o-ran-sync</identifier>
 <version>2019-07-03</version>
 <format>yang</format>
 <namespace>urn:o-ran:sync:1.0</namespace>
 <location>NETCONF</location>
</schema>
<schema>
```

```
<identifier>o-ran-sync</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:sync:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-compression-factors</identifier>
<version>2019-07-03</version>
<format>yang</format>
<namespace>urn:o-ran:compression-factors:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-compression-factors</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:compression-factors:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-module-cap</identifier>
<version>2019-07-03</version>
<format>yang</format>
<namespace>urn:o-ran:module-cap:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-module-cap</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:module-cap:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-delay-management</identifier>
<version>2019-07-03</version>
<format>yang</format>
<namespace>urn:o-ran:delay:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-delay-management</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:delay:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
```

```
<identifier>o-ran-operations</identifier>
<version>2019-07-03</version>
<format>yang</format>
<namespace>urn:o-ran:operations:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-operations</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:operations:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-uplane-conf</identifier>
<version>2019-07-03</version>
<format>yang</format>
<namespace>urn:o-ran:uplane-conf:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-uplane-conf</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:uplane-conf:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-file-management</identifier>
<version>2019-07-03</version>
<format>yang</format>
<namespace>urn:o-ran:file-management:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-file-management</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:file-management:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-software-management</identifier>
<version>2019-07-03</version>
<format>yang</format>
<namespace>urn:o-ran:software-management:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
```

```
<identifier>o-ran-software-management</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:software-management:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-performance-management</identifier>
<version>2019-07-03</version>
<format>yang</format>
<namespace>urn:o-ran:performance-management:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-performance-management</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:performance-management:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-ald</identifier>
<version>2019-07-03</version>
<format>yang</format>
<namespace>urn:o-ran:ald:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-ald</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:ald:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-trace</identifier>
<version>2019-07-03</version>
<format>yang</format>
<namespace>urn:o-ran:trace:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
<identifier>o-ran-trace</identifier>
<version>2019-07-03</version>
<format>yin</format>
<namespace>urn:o-ran:trace:1.0</namespace>
<location>NETCONF</location>
</schema>
<schema>
```

```
   <identifier>o-ran-troubleshooting</identifier>
   <version>2019-02-04</version>
   <format>yang</format>
   <namespace>urn:o-ran:troubleshooting:1.0</namespace>
   <location>NETCONF</location>
  </schema>
  <schema>
   <identifier>o-ran-troubleshooting</identifier>
   <version>2019-02-04</version>
   <format>yin</format>
   <namespace>urn:o-ran:troubleshooting:1.0</namespace>
   <location>NETCONF</location>
  </schema>
 </schemas>
 <sessions>
  <session>
   <session-id>18</session-id>
   <transport>netconf-ssh</transport>
   <username>operator</username>
   <source-host>::ffff:192.168.3.15</source-host>
   <login-time>2000-11-04T02:38:14Z</login-time>
   <in-rpcs>55</in-rpcs>
   <in-bad-rpcs>0</in-bad-rpcs>
   <out-rpc-errors>0</out-rpc-errors>
   <out-notifications>0</out-notifications>
  </session>
  <session>
   <session-id>19</session-id>
   <transport>netconf-ssh</transport>
   <username>operator</username>
   <source-host>::ffff:192.168.3.15</source-host>
   <login-time>2000-11-04T02:39:50Z</login-time>
   <in-rpcs>4</in-rpcs>
   <in-bad-rpcs>0</in-bad-rpcs>
   <out-rpc-errors>0</out-rpc-errors>
   <out-notifications>0</out-notifications>
  </session>
 </sessions>
 <statistics>
  <netconf-start-time>2035-10-10T18:42:14Z</netconf-start-time>
  <in-bad-hellos>0</in-bad-hellos>
  <in-sessions>19</in-sessions>
  <dropped-sessions>7</dropped-sessions>
  <in-rpcs>723</in-rpcs>
  <in-bad-rpcs>0</in-bad-rpcs>
  <out-rpc-errors>18</out-rpc-errors>
  <out-notifications>0</out-notifications>
 </statistics>
</netconf-state>
```

```xml
<netconf xmlns="urn:ietf:params:xml:ns:netmod:notification">
 <streams>
  <stream>
   <name>NETCONF</name>
   <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>
   <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>
<stream>
<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>
<description>Stream with all notifications of a module.</description>
<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>
</stream>
<stream>
<name>ietf-truststore</name>
<description>Stream with all notifications of a module.</description>
<replaySupport>false</replaySupport>
</stream>
```

```
<stream>
 <name>ietf-tcp-common</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</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>vvdn_mcel-wdm</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>vvdn_mcel-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>
<stream>
 <name>ietf-hardware</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>ietf-interfaces</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
```

```
</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>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>o-ran-dhcp</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>o-ran-interfaces</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>o-ran-mplane-int</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>o-ran-transceiver</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>o-ran-processing-element</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>o-ran-ald-port</name>
 <description>Stream with all notifications of a module.</description>
 <replaySupport>false</replaySupport>
</stream>
<stream>
 <name>o-ran-supervision</name>
 <description>Stream with all notifications of a module.</description>
```

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

```
    <description>Stream with all notifications of a module.</description>
    <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-ald</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>506036</in-octets>
    <in-discards>0</in-discards>
    <in-errors>0</in-errors>
    <out-octets>506036</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:71:00:8a:c1</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>eth1</name>
  <oper-status>up</oper-status>
  <phys-address>98:ae:71:00:8a:c2</phys-address>
  <statistics>
   <in-octets>1362002</in-octets>
   <in-discards>0</in-discards>
   <in-errors>0</in-errors>
   <out-octets>12513414</out-octets>
   <out-errors>0</out-errors>
   <out-discards>0</out-discards>
  </statistics>
 </interface>
 <interface>
  <name>eth1.36</name>
  <oper-status>up</oper-status>
  <phys-address>98:ae:71:00:8a:c2</phys-address>
  <statistics>
   <in-octets>1119046</in-octets>
   <in-discards>0</in-discards>
   <in-errors>0</in-errors>
   <out-octets>11809461</out-octets>
   <out-errors>0</out-errors>
   <out-discards>0</out-discards>
  </statistics>
 </interface>
 <interface>
  <name>eth1.100</name>
  <oper-status>up</oper-status>
  <phys-address>98:ae:71:00:8a:c2</phys-address>
  <statistics>
   <in-octets>0</in-octets>
   <in-discards>0</in-discards>
   <in-errors>0</in-errors>
   <out-octets>7584</out-octets>
   <out-errors>0</out-errors>
   <out-discards>0</out-discards>
  </statistics>
 </interface>
</interfaces-state>
<dhcp xmlns="urn:o-ran:dhcp:1.0">
```

```xml
<interfaces>
 <interface>eth1.36</interface>
 <dhcpv4>
  <dhcp-server-identifier>192.168.3.15</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>192.168.3.15</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>18</fault-id>
  <fault-source>Module or antenna line</fault-source>
  <affected-objects>
   <name>Sync Module</name>
  </affected-objects>
  <fault-severity>CRITICAL</fault-severity>
  <is-cleared>false</is-cleared>
  <fault-text>Synchronization Error</fault-text>
  <event-time>2000-11-04T00:00:24Z</event-time>
 </active-alarms>
 <active-alarms>
  <fault-id>11</fault-id>
  <fault-source>Module</fault-source>
  <affected-objects>
   <name>Radio Module</name>
  </affected-objects>
  <fault-severity>CRITICAL</fault-severity>
  <is-cleared>false</is-cleared>
  <fault-text>Configuring failed</fault-text>
  <event-time>2000-11-04T02:35:08Z</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>false</active>
  <running>false</running>
  <access>READ_WRITE</access>
  <product-code>VVDN=O-RU</product-code>
  <vendor-code>VN</vendor-code>
  <build-id>3c27011</build-id>
  <build-name>Beta Release</build-name>
```

```
<build-version>1.0.4</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>true</active>
 <running>true</running>
 <access>READ_WRITE</access>
 <product-code>VVDN O-RU</product-code>
 <vendor-code>VN</vendor-code>
 <build-id>90f0b6c</build-id>
 <build-name>Beta Release</build-name>
 <build-version>1.0.7</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>
  <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>1.0.0</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 #############
==

Nov 4 02:38:49 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:38:49 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:38:50 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:38:50 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:38:51 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:38:51 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:38:52 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:38:52 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:38:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:38:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:38:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:38:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:38:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:38:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:38:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:38:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:38:53 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:38:53 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:38:54 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:38:54 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:38:55 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:38:55 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:38:56 mcb1 user.notice SYNCMNGR[1305]: Received message from S-Plane

Nov 4 02:38:56 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:38:56 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:38:57 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:38:57 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:38:58 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:38:58 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:38:59 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:38:59 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:00 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:00 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:01 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:01 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:02 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:02 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:02 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:02 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:02 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:02 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:02 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:02 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:02 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:02 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:02 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:03 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:03 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:04 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:04 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:05 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:05 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:06 mcb1 user.notice SYNCMNGR[1305]: Received message from S-Plane

Nov 4 02:39:06 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:06 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:07 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:07 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:08 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:08 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:09 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:09 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:10 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:10 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:11 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:11 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:12 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:12 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:12 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:12 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:12 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:12 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:12 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:12 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:12 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:12 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:13 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:13 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:14 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:14 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:15 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:15 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:16 mcb1 user.notice SYNCMNGR[1305]: Received message from S-Plane

Nov 4 02:39:16 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:16 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:17 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:17 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:18 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:18 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:19 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/fw_manager

Nov 4 02:39:19 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/nw_manager

Nov 4 02:39:19 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/operations_manager

Nov 4 02:39:19 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/pm_manager

Nov 4 02:39:19 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/um_manager

Nov 4 02:39:19 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/sys_monitor

Nov 4 02:39:19 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/fault_manager

Nov 4 02:39:19 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/file_manager

Nov 4 02:39:19 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/supervision

Nov 4 02:39:19 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/sync_manager

Nov 4 02:39:19 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/ald_controller

Nov 4 02:39:19 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/log_manager

Nov 4 02:39:19 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/radio_manager

Nov 4 02:39:19 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/cli_manager

Nov 4 02:39:19 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:19 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:20 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:20 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:21 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:21 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:22 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:22 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:22 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:22 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:22 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:22 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:22 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:22 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:22 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:22 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:23 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:23 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:24 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:24 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:25 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:25 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:26 mcb1 user.notice SYNCMNGR[1305]: Received message from S-Plane

Nov 4 02:39:26 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:26 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:27 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:27 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:28 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:28 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:29 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:29 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:30 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:30 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:31 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:31 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:32 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:32 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:32 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:32 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 02:39:32 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 02:39:32 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 02:39:32 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 02:39:32 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 02:39:32 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 02:39:32 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 02:39:32 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 02:39:33 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 02:39:33 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).
Nov 4 02:39:34 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 02:39:34 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).
Nov 4 02:39:35 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 02:39:35 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).
Nov 4 02:39:36 mcb1 user.notice SYNCMNGR[1305]: Received message from S-Plane
Nov 4 02:39:36 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 02:39:36 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).
Nov 4 02:39:37 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 02:39:37 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).
Nov 4 02:39:38 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 02:39:38 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).
Nov 4 02:39:39 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 02:39:39 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).
Nov 4 02:39:40 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 02:39:40 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).
Nov 4 02:39:41 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 02:39:41 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).
Nov 4 02:39:42 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 02:39:42 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).
Nov 4 02:39:42 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 02:39:42 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 02:39:42 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 02:39:42 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 02:39:42 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 02:39:42 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 02:39:42 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 02:39:42 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 02:39:43 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 02:39:43 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).
Nov 4 02:39:44 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 02:39:44 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).
Nov 4 02:39:45 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 02:39:45 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).
Nov 4 02:39:46 mcb1 user.notice SYNCMNGR[1305]: Received message from S-Plane
Nov 4 02:39:46 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 02:39:46 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).
Nov 4 02:39:47 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 02:39:47 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:48 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:48 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:49 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:49 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:50 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: Accepted a connection on :::830.

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: Session 384 (user "root", CID 1) created.

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: Received an SSH message "request-service" of subtype "ssh-userauth".

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: Received an SSH message "request-auth" of subtype "password".

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: User "operator" authenticated.

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: Received an SSH message "request-channel-open" of subtype "session".

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: Received an SSH message "request-channel" of subtype "subsystem".

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: Session 385 (user "root", CID 1) created.

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: There are no subscribers for "ietf-netconf-notifications" notifications.

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: Generated new event (netconf-session-start).

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: Published event "rpc" "/ietf-netconf:get" with ID 37 priority 0 for 1 subscribers.

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: Processing "/ietf-netconf:get" "rpc" event with ID 37 priority 0 (remaining 1 subscribers).

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: Successful processing of "rpc" event with ID 37 priority 0 (remaining 0 subscribers).

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: Event "rpc" with ID 37 priority 0 succeeded.

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:50 mcb1 daemon.info netopeer2-server[984]: Session 19: thread 0 event new RPC.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Published event "rpc" "/ietf-netconf:get" with ID 38 priority 0 for 1 subscribers.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Processing "/ietf-netconf:get" "rpc" event with ID 38 priority 0 (remaining 1 subscribers).

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 10.

Nov 4 02:39:51 mcb1 user.notice fw_manager[1059]: RPC #10 recieved. xpath -> /o-ran-software-management:software-inventory

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:51 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 10 succeeded.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN O-RU", but it is not required.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: 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.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Successful processing of "rpc" event with ID 38 priority 0 (remaining 0 subscribers).

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Event "rpc" with ID 38 priority 0 succeeded.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: There is no leafref

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

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: There is no leafref

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

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: 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.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Session 19: thread 0 event new RPC.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Published event "rpc" "/ietf-netconf:get-config" with ID 1 priority 0 for 1 subscribers.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Processing "/ietf-netconf:get-config" "rpc" event with ID 1 priority 0 (remaining 1 subscribers).

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Successful processing of "rpc" event with ID 1 priority 0 (remaining 0 subscribers).

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Event "rpc" with ID 1 priority 0 succeeded.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: There is no leafref

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

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: There is no leafref

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

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:51 mcb1 daemon.info netopeer2-server[984]: Session 19: thread 1 event new RPC.

Nov 4 02:39:52 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:52 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:53 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:53 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:54 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:54 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:55 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:55 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:56 mcb1 user.notice SYNCMNGR[1305]: Received message from S-Plane

Nov 4 02:39:56 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:56 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:56 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:56 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:56 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:56 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:56 mcb1 daemon.info netopeer2-server[984]: Published event "rpc" "/notifications:create-subscription" with ID 1 priority 1 for 1 subscribers.

Nov 4 02:39:56 mcb1 daemon.info netopeer2-server[984]: Processing "ietf-netconf-monitoring" "operational" event with ID 4.

Nov 4 02:39:56 mcb1 daemon.info netopeer2-server[984]: Successful processing of "operational" event with ID 4.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:57 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Event "rpc" with ID 1 priority 1 succeeded.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Published event "rpc" "/notifications:create-subscription" with ID 1 priority 0 for 1 subscribers.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Processing "/notifications:create-subscription" "rpc" event with ID 1 priority 0 (remaining 1 subscribers).

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Successful processing of "rpc" event with ID 1 priority 0 (remaining 0 subscribers).

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Event "rpc" with ID 1 priority 0 succeeded.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Session 19: thread 0 event new RPC.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Published event "rpc" "/ietf-netconf:get" with ID 39 priority 0 for 1 subscribers.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Processing "/ietf-netconf:get" "rpc" event with ID 39 priority 0 (remaining 1 subscribers).

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/ietf-netconf-acm:nacm/denied-operations" with ID 4.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Processing "ietf-netconf-acm" "operational" event with ID 4.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Successful processing of "operational" event with ID 4.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 4 succeeded.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/ietf-netconf-acm:nacm/denied-data-writes" with ID 4.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Processing "ietf-netconf-acm" "operational" event with ID 4.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Successful processing of "operational" event with ID 4.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 4 succeeded.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/ietf-netconf-acm:nacm/denied-notifications" with ID 4.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Processing "ietf-netconf-acm" "operational" event with ID 4.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Successful processing of "operational" event with ID 4.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 4 succeeded.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/ietf-netconf-monitoring:netconf-state" with ID 5.

Nov 4 02:39:57 mcb1 daemon.info netopeer2-server[984]: Processing "ietf-netconf-monitoring" "operational" event with ID 5.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Successful processing of "operational" event with ID 5.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 5 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/nc-notifications:netconf" with ID 4.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Processing "nc-notifications" "operational" event with ID 4.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Successful processing of "operational" event with ID 4.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 4 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/ietf-hardware:hardware" with ID 6.

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: SR_HW: Data for "ietf-hardware" "/ietf-hardware:hardware" requested

Nov 4 02:39:58 mcb1 user.warn nw_manager[1017]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 6 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/ietf-interfaces:interfaces" with ID 4.

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: DATA FOR "ietf-interfaces" "/ietf-interfaces:interfaces" REQUESTED

Nov 4 02:39:58 mcb1 user.err nw_manager[1017]: IF_CFG: File,/sys/class/net/lo/speed reading failed errno:(Invalid argument)

Nov 4 02:39:58 mcb1 user.err nw_manager[1017]: IF_CFG: File,/sys/class/net/eth1/speed reading failed errno:(Invalid argument)

Nov 4 02:39:58 mcb1 user.err nw_manager[1017]: IF_CFG: File,/sys/class/net/eth1.36/speed reading failed errno:(Invalid argument)

Nov 4 02:39:58 mcb1 user.err nw_manager[1017]: IF_CFG: File,/sys/class/net/eth1.100/speed reading failed errno:(Invalid argument)

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 4 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/ietf-interfaces:interfaces-state" with ID 4.

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: DATA FOR "ietf-interfaces" "/ietf-interfaces:interfaces-state" REQUESTED

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: /ietf-interfaces:interfaces-state

Nov 4 02:39:58 mcb1 user.err nw_manager[1017]: IFMNGR: getting state of interface : lo

Nov 4 02:39:58 mcb1 user.err nw_manager[1017]: IF_CFG: File,/sys/class/net/lo/speed reading failed errno:(Invalid argument)

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: Interface : lo in-octets: 506036

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: Interface : lo in-discards: 0

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: Interface : lo in-errors: 0

Nov 4 02:39:58 mcb1 user.err nw_manager[1017]: IFMNGR: getting state of interface : eth0

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: Interface : eth0 in-octets: 0

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: Interface : eth0 in-discards: 0

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: Interface : eth0 in-errors: 0

Nov 4 02:39:58 mcb1 user.err nw_manager[1017]: IFMNGR: getting state of interface : eth1

Nov 4 02:39:58 mcb1 user.err nw_manager[1017]: IF_CFG: File,/sys/class/net/eth1/speed reading failed errno:(Invalid argument)

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: Interface : eth1 in-octets: 1362002

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: Interface : eth1 in-discards: 0

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: Interface : eth1 in-errors: 0

Nov 4 02:39:58 mcb1 user.err nw_manager[1017]: IFMNGR: getting state of interface : eth1.36

Nov 4 02:39:58 mcb1 user.err nw_manager[1017]: IF_CFG: File,/sys/class/net/eth1.36/speed reading failed errno:(Invalid argument)

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: Interface : eth1.36 in-octets: 1119046

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: Interface : eth1.36 in-discards: 0

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: Interface : eth1.36 in-errors: 0

Nov 4 02:39:58 mcb1 user.err nw_manager[1017]: IFMNGR: getting state of interface : eth1.100

Nov 4 02:39:58 mcb1 user.err nw_manager[1017]: IF_CFG: File,/sys/class/net/eth1.100/speed reading failed errno:(Invalid argument)

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: Interface : eth1.100 in-octets: 0

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: Interface : eth1.100 in-discards: 0

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: IFMNGR: Interface : eth1.100 in-errors: 0

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 4 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-dhcp:dhcp/interfaces" with ID 4.

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: Interface : eth1.36

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: Clientid :

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: Serverid : 192.168.3.15

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: MTU   : 1500

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: Domain   : vvdntech.com

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: DNS   : 192.168.4.15

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: Gateway   : 192.168.3.15

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: NC Client   : 192.168.4.15

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: DHCP: DATA FOR "o-ran-dhcp" "/o-ran-dhcp:dhcp/interfaces" REQUESTED

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 4 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref

"/ietf-interfaces:interfaces/ietf-interfaces:interface/ietf-interfaces:name" with the value "eth1.36", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-mplane-int:mplane-info/m-plane-interfaces" with ID 4.

Nov 4 02:39:58 mcb1 user.info nw_manager[1017]: Mplane: DATA FOR "o-ran-mplane-int" "/o-ran-mplane-int:mplane-info/m-plane-interfaces" REQUESTED

Nov 4 02:39:58 mcb1 user.err nw_manager[1017]: Getting fqdn string

Nov 4 02:39:58 mcb1 user.err nw_manager[1017]: Unable to open fqdn file or file not created

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 4 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref

"/ietf-interfaces:interfaces/ietf-interfaces:interface/ietf-interfaces:name" with the value "eth1.36", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref

"/ietf-interfaces:interfaces/ietf-interfaces:interface[ietf-interfaces:name = current()/../interface-name]/o-ran-interfaces:vlan-id" with the value "36", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-transceiver:port-transceivers" with ID 4.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 4 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-processing-element:processing-elements" with ID 4.

Nov 4 02:39:58 mcb1 user.notice PROCESSING-ELEMENTS[1317]: @function:pe_get_items_cb line:56 DATA FOR "o-ran-processing-element" "/o-ran-processing-element:processing-elements" REQUESTED

Nov 4 02:39:58 mcb1 user.notice PROCESSING-ELEMENTS[1317]: @function:pe_get_items_cb line:57 get-maximum-number-of-transport-flow

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 4 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-ald-port:ald-ports-io" with ID 4.

Nov 4 02:39:58 mcb1 user.notice ald_controller[1396]: Operational data request #4 recieved. xpath -> /o-ran-ald-port:ald-ports-io

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 4 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-fm:active-alarm-list/active-alarms" with ID 6.

Nov 4 02:39:58 mcb1 user.info FAULT MANAGEMENT[1038]:   ========= DATA FOR "o-ran-fm" "/o-ran-fm:active-alarm-list/active-alarms" REQUESTED=======================

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 6 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-sync:sync" with ID 7.

Nov 4 02:39:58 mcb1 user.notice SYNCMNGR[1305]: DATA FOR "o-ran-sync" "/o-ran-sync:sync" REQUESTED

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 7 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: 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.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: 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.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-module-cap:module-capability" with ID 4.

Nov 4 02:39:58 mcb1 user.info radio_manager[1420]: Data for "o-ran-module-cap" "/o-ran-module-cap:module-capability" requested

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 4 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-delay-management:delay-management" with ID 4.

Nov 4 02:39:58 mcb1 user.notice radio_manager[1420]: DATA FOR "o-ran-delay-management" "/o-ran-delay-management:delay-management" REQUESTED

Nov 4 02:39:58 mcb1 user.notice radio_manager[1420]: o-ran-delay-management: /o-ran-delay-management:delay-management

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 4 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-operations:operational-info" with ID 4.

Nov 4 02:39:58 mcb1 user.notice SR_OP[1317]: @function:op_dp_get_items_cb line:233 Data for o-ran-operations on /o-ran-operations:operational-info requested

Nov 4 02:39:58 mcb1 user.warn operations_manager[1317]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 4 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/tx-arrays" with ID 5.

Nov 4 02:39:58 mcb1 user.notice UPLANECONF[1317]: @function:uplane_arrays_get_items_cb line:373 DATA FOR "o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/tx-arrays" REQUESTED

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 5 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/rx-arrays" with ID 5.

Nov 4 02:39:58 mcb1 user.notice UPLANECONF[1317]: @function:uplane_arrays_get_items_cb line:373 DATA FOR "o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/rx-arrays" REQUESTED

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 5 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not

required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/relations" with ID 5.

Nov 4 02:39:58 mcb1 user.notice UPLANECONF[1317]: @function:relation_get_items_cb line:814 DATA FOR "o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/relations" REQUESTED

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 5 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:tx-arrays/o-ran-uplane-conf:name" with the value "slltx-endpoint0", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:rx-arrays/o-ran-uplane-conf:name" with the value "sllrx-endpoint0", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:tx-arrays/o-ran-uplane-conf:name" with the value "slltx-endpoint1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:rx-arrays/o-ran-uplane-conf:name" with the value "sllrx-endpoint1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:tx-arrays/o-ran-uplane-conf:name" with the value "slltx-endpoint2", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:rx-arrays/o-ran-uplane-conf:name" with the value "sllrx-endpoint2", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:tx-arrays/o-ran-uplane-conf:name" with the value "slltx-endpoint3", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:rx-arrays/o-ran-uplane-conf:name" with the value "sllrx-endpoint3", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/endpoint-types" with ID 5.

Nov 4 02:39:58 mcb1 user.notice UPLANECONF[1317]: @function:uplane_endpoint_get_items_cb line:197 DATA FOR "o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/endpoint-types" REQUESTED

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 5 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/tx-array-carriers" with ID 5.

Nov 4 02:39:58 mcb1 user.notice UPLANECONF[1317]: @function:uplane_array_carriers_get_items_cb line:940 DATA FOR "o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/tx-array-carriers" REQUESTED

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 5 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/rx-array-carriers" with ID 5.

Nov 4 02:39:58 mcb1 user.notice UPLANECONF[1317]: @function:uplane_array_carriers_get_items_cb line:940 DATA FOR "o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/rx-array-carriers" REQUESTED

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 5 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/static-low-level-tx-endpoints" with ID 5.

Nov 4 02:39:58 mcb1 user.notice UPLANECONF[1317]: @function:uplane_static_endpoint_get_items_cb line:706 DATA FOR

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

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 5 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint0", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint2", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint3", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/static-low-level-rx-endpoints" with ID 5.

Nov 4 02:39:58 mcb1 user.notice UPLANECONF[1317]: @function:uplane_static_endpoint_get_items_cb line:706 DATA FOR

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

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 5 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint0", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint2", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint3", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/endpoint-capacity-sharing-groups" with ID 5.

Nov 4 02:39:58 mcb1 user.notice UPLANECONF[1317]: @function:uplane_endpoint_get_items_cb line:197 DATA FOR "o-ran-uplane-conf"

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

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 5 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 11.

Nov 4 02:39:58 mcb1 user.notice fw_manager[1059]: RPC #11 recieved. xpath -> /o-ran-software-management:software-inventory

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:39:58 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 11 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref

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

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref

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

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: 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.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Published event "operational"

"/o-ran-performance-management:performance-measurement-objects" with ID 4.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "operational" with ID 4 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Successful processing of "rpc" event with ID 39 priority 0 (remaining 0 subscribers).

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Event "rpc" with ID 39 priority 0 succeeded.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: 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.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: 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.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref

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

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: There is no leafref

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

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: 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.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:39:58 mcb1 daemon.info netopeer2-server[984]: Session 19: thread 0 event new RPC.

Nov 4 02:39:59 mcb1 daemon.info netopeer2-server[984]: Session 19: thread 3 event new RPC.

Nov 4 02:39:59 mcb1 daemon.info netopeer2-server[984]: Session 19: thread 3 event session terminated.

Nov 4 02:39:59 mcb1 daemon.info netopeer2-server[984]: There are no subscribers for "ietf-netconf-notifications" notifications.

Nov 4 02:39:59 mcb1 daemon.info netopeer2-server[984]: Generated new event (netconf-session-end).

Nov 4 02:39:59 mcb1 authpriv.debug sshd[5213]: pam_unix(sshd:account): account operator has password changed in future

Nov 4 02:39:59 mcb1 auth.info sshd[5213]: Accepted password for operator from 192.168.3.15 port 57352 ssh2

Nov 4 02:39:59 mcb1 authpriv.info sshd[5213]: 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 *****************
================================================================


================================================================
Retrieval without Filter Applied          =          SUCCESS

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