



**@ FILE NAME: M\_CTC\_ID\_022.txt**

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

**@ Software Release for MCB1: v1.0.1**

**Test Description : This scenario is MANDATORY for an O-RU supporting the Hybrid M-plane architecture model.**

**This test validates that the O-RU correctly implements NETCONF Access Control user privileges.**

**The scenario corresponds to the following chapters in [3]:**

**3.4 NETCONF Access Control**

=====

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

=====

> connect --ssh --host 192.168.22.37 --port 830 --login operator

Interactive SSH Authentication

Type your password:

Password:

> status

Current NETCONF session:

ID : 4

Host : 192.168.22.37

Port : 830

Transport : SSH

Capabilities:

urn:ietf:params:netconf:base:1.0 urn:ietf:params:netconf:base:1.1 urn:ietf:params:netconf:capability:writable-running:1.0  
urn:ietf:params:netconf:capability:candidate:1.0 urn:ietf:params:netconf:capability:rollback-on-error:1.0  
urn:ietf:params:netconf:capability:validate:1.1 urn:ietf:params:netconf:capability:startup:1.0 urn:ietf:params:netconf:capability:xpath:1.0  
urn:ietf:params:netconf:capability:with-defaults:1.0?basic-mode=explicit&also-supported=report-all,report-all-tagged,trim,explicit  
urn:ietf:params:netconf:capability:notification:1.0 urn:ietf:params:netconf:capability:interleave:1.0  
urn:ietf:params:xml:ns:yang:ietf-yang-metadata?module=ietf-yang-metadata&revision=2016-08-05  
urn:ietf:params:xml:ns:yang:1?module=yang&revision=2017-02-20  
urn:ietf:params:xml:ns:yang:ietf-inet-types?module=ietf-inet-types&revision=2013-07-15  
urn:ietf:params:xml:ns:yang:ietf-yang-types?module=ietf-yang-types&revision=2013-07-15  
urn:ietf:params:netconf:capability:yang-library:1.1?revision=2019-01-04&content-id=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

=====

Ok

```
=====
##### Initial Get Filter #####
=====
```

```
=====
> get --filter-xpath /o-ran-usermgmt:users/user
=====
```

```
<?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">
<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>garuda</name>
    <account-type>PASSWORD</account-type>
    <enabled>true</enabled>
  </user>
  <user>
    <name>operator11302326379</name>
    <account-type>PASSWORD</account-type>
    <enabled>true</enabled>
  </user>
  <user>
    <name>operator44567591</name>
    <account-type>PASSWORD</account-type>
    <enabled>true</enabled>
  </user>
  <user>
    <name>operator8075861281902</name>
    <account-type>PASSWORD</account-type>
```

```

<enabled>true</enabled>
</user>
</users>
</data>

```

```

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

```

```

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

```

```

<config xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
  <users xmlns="urn:o-ran:user-mgmt:1.0">
    <user>
      <name>operator17619020756748090</name>
      <account-type>PASSWORD</account-type>

<password>nwk75gnD[44LqeBrwKFcBvaUNPKz6gARf_M.EHxwG.EGuk{-n_Os0avM}$XZ}LBYNb+)M!NcV0RunG}_{_)9F2gu%nKKsd+Xk
OgXvIYxh%QxBQsA7EYqB</password>
      <enabled>true</enabled>
    </user>
  </users>
</config>

```

```

-----
Ok
-----

```

```

=====
***** NOTIFICATIONS *****
=====

```

```

<?xml version="1.0" ?>
<notification xmlns="urn:ietf:params:xml:ns:netconf:notification:1.0">
  <eventTime>2103-10-29T23:12:15Z</eventTime>
  <netconf-config-change xmlns="urn:ietf:params:xml:ns:yang:ietf-netconf-notifications">
    <changed-by>
      <username>root</username>
      <session-id>4</session-id>
    </changed-by>
    <datastore>running</datastore>
    <edit>
      <target
xmlns:o-ran-usermgmt="urn:o-ran:user-mgmt:1.0"/>o-ran-usermgmt:users/o-ran-usermgmt:user[o-ran-usermgmt:name='operator17619020756748
090']</target>
      <operation>create</operation>
    </edit>
    <edit>
      <target
xmlns:o-ran-usermgmt="urn:o-ran:user-mgmt:1.0"/>o-ran-usermgmt:users/o-ran-usermgmt:user[o-ran-usermgmt:name='operator17619020756748

```

```
090']/o-ran-usermgmt:name</target>
  <operation>create</operation>
</edit>
<edit>
  <target
xmlns:o-ran-usermgmt="urn:o-ran:user-mgmt:1.0">/o-ran-usermgmt:users/o-ran-usermgmt:user[o-ran-usermgmt:name='operator17619020756748
090']/o-ran-usermgmt:account-type</target>
  <operation>create</operation>
</edit>
<edit>
  <target
xmlns:o-ran-usermgmt="urn:o-ran:user-mgmt:1.0">/o-ran-usermgmt:users/o-ran-usermgmt:user[o-ran-usermgmt:name='operator17619020756748
090']/o-ran-usermgmt:password</target>
  <operation>create</operation>
</edit>
<edit>
  <target
xmlns:o-ran-usermgmt="urn:o-ran:user-mgmt:1.0">/o-ran-usermgmt:users/o-ran-usermgmt:user[o-ran-usermgmt:name='operator17619020756748
090']/o-ran-usermgmt:enabled</target>
  <operation>create</operation>
</edit>
</netconf-config-change>
</notification>
```

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

```
=====
***** Replace with below xml *****
=====
```

```
<config xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
<nacm xmlns="urn:ietf:params:xml:ns:yang:ietf-netconf-acm">
  <groups>
    <group>
      <name>swm</name>
      <user-name>operator17619020756748090</user-name>
    </group>
  </groups>
</nacm>
</config>
```

```
-----
Ok
-----
```

```
=====
***** NOTIFICATIONS *****
=====
```

```
<?xml version="1.0" ?>
<notification xmlns="urn:ietf:params:xml:ns:netconf:notification:1.0">
  <eventTime>2103-10-29T23:12:16Z</eventTime>
  <netconf-config-change xmlns="urn:ietf:params:xml:ns:yang:ietf-netconf-notifications">
    <changed-by>
      <username>root</username>
      <session-id>4</session-id>
    </changed-by>
    <datastore>running</datastore>
    <edit>
      <target
xmlns:nacm="urn:ietf:params:xml:ns:yang:ietf-netconf-acm">/nacm:nacm/nacm:groups/nacm:group[nacm:name='swm']/nacm:user-name[.='opera
tor17619020756748090']</target>
      <operation>create</operation>
    </edit>
  </netconf-config-change>
</notification>
```

```
=====
> get --filter-xpath /ietf-netconf-acm:nacm/groups
=====
```

```
<?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">
    <groups>
      <group>
        <name>sudo</name>
        <user-name>operator</user-name>
      </group>
      <group>
        <name>fm-pm</name>
        <user-name>observer</user-name>
        <user-name>operator11302326379</user-name>
      </group>
      <group>
        <name>nms</name>
        <user-name>installer</user-name>
        <user-name>operator44567591</user-name>
      </group>
      <group>
        <name>swm</name>
        <user-name>operator8075861281902</user-name>
        <user-name>operator17619020756748090</user-name>
      </group>
    </groups>
```

</nacm>

</data>

```
=====
```

**> get --filter-xpath /o-ran-usermgmt:users/user**

```
=====
```

```
<?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">
  <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>garuda</name>
      <account-type>PASSWORD</account-type>
      <enabled>true</enabled>
    </user>
    <user>
      <name>operator11302326379</name>
      <account-type>PASSWORD</account-type>
      <enabled>true</enabled>
    </user>
    <user>
      <name>operator44567591</name>
      <account-type>PASSWORD</account-type>
      <enabled>true</enabled>
    </user>
    <user>
      <name>operator8075861281902</name>
      <account-type>PASSWORD</account-type>
      <enabled>true</enabled>
    </user>
    <user>
      <name>operator17619020756748090</name>
```



```
<account-type>PASSWORD</account-type>  
<enabled>true</enabled>  
</user>  
</users>  
</data>
```

=====

**STEP 1 TER NETCONF client establishes a connection using a user account with swm privileges.**

=====

=====

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

=====

```
> connect --ssh --host 192.168.22.37 --port 830 --login operator17619020756748090
```

```
Interactive SSH Authentication
```

```
Type your password:
```

```
Password:
```

```
> status
```

```
Current NETCONF session:
```

```
ID      : 5
```

```
Host    : 192.168.22.37
```

```
Port    : 830
```

```
Transport : SSH
```

```
Capabilities:
```

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

```
> subscribe
```

```
Ok
```

=====

**Step 2 TER NETCONF client attempts to configure a new o-ran-sync.yang on the NETCONF server.**

=====

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

```
=====
***** Replace with below xml *****
=====
```

```
<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>
    <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>
    </ptp-status>
    <synce-config>
      <acceptance-list-of-ssm>EEC1</acceptance-list-of-ssm>
      <ssm-timeout>10</ssm-timeout>
    </synce-config>
    <synce-status>
      <reporting-period>10</reporting-period>
    </synce-status>
  </sync>
```

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

#### ERROR

```
type      : access-denied
tag       : protocol
severity  : error
path      : /o-ran-sync:sync/synce-config/acceptance-list-of-ssm
message   : Access to the data model "o-ran-sync" is denied because "operator17619020756748090" NACM authorization failed.
```

## =====

**##### SYSTEM LOGS #####**

=====

Oct 29 23:12:07 mcb1 daemon.info netopeer2-server[980]: Trying to connect via IPv4 to 192.168.22.79:4334.

Oct 29 23:12:07 mcb1 daemon.info netopeer2-server[980]: getsockopt() error (Connection refused).

Oct 29 23:12:08 mcb1 daemon.info netopeer2-server[980]: Trying to connect via IPv4 to 192.168.22.79:4334.

Oct 29 23:12:08 mcb1 daemon.info netopeer2-server[980]: getsockopt() error (Connection refused).

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Trying to connect via IPv4 to 192.168.22.79:4334.

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Successfully connected to 192.168.22.79:4334 over IPv4.

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Session 163 (user "root", CID 1) created.

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Received an SSH message "request-service" of subtype "ssh-userauth".

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Received an SSH message "request-auth" of subtype "password".

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: User "operator" authenticated.

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Received an SSH message "request-channel-open" of subtype "session".

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Received an SSH message "request-channel" of subtype "subsystem".

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Call Home client "default-client" session 4 established.

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Session 164 (user "root", CID 1) created.

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: There are no subscribers for "ietf-netconf-notifications" notifications.

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Generated new event (netconf-session-start).

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Published event "rpc" "/ietf-netconf:get" with ID 9 priority 0 for 1 subscribers.

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Processing "/ietf-netconf:get" "rpc" event with ID 9 priority 0 (remaining 1 subscribers).

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Successful processing of "rpc" event with ID 9 priority 0 (remaining 0 subscribers).

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Event "rpc" with ID 9 priority 0 succeeded.

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Session 4: thread 1 event new RPC.

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Published event "rpc" "/ietf-netconf:get" with ID 10 priority 0 for 1 subscribers.

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Processing "/ietf-netconf:get" "rpc" event with ID 10 priority 0 (remaining 1 subscribers).

Oct 29 23:12:09 mcb1 daemon.info netopeer2-server[980]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 5.

Oct 29 23:12:09 mcb1 user.notice fw\_manager[1065]: RPC #5 recieved. xpath -> /o-ran-software-management:software-inventory

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: Event "operational" with ID 5 succeeded.

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "STL=O-RU", but it is not required.

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: There is no leafref

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

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: Successful processing of "rpc" event with ID 10 priority 0 (remaining 0 subscribers).

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: Event "rpc" with ID 10 priority 0 succeeded.

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: There is no leafref

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

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: There is no leafref

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

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: There is no leafref

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

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: Session 4: thread 2 event new RPC.

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: Published event "rpc" "/ietf-netconf:get-config" with ID 7 priority 0 for 1 subscribers.

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: Processing "/ietf-netconf:get-config" "rpc" event with ID 7 priority 0 (remaining 1 subscribers).

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: Successful processing of "rpc" event with ID 7 priority 0 (remaining 0 subscribers).

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: Event "rpc" with ID 7 priority 0 succeeded.

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: There is no leafref

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

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: There is no leafref

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

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:10 mcb1 daemon.info netopeer2-server[980]: Session 4: thread 1 event new RPC.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Published event "rpc" "/notifications:create-subscription" with ID 4 priority 0 for 1 subscribers.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "/notifications:create-subscription" "rpc" event with ID 4 priority 0 (remaining 1 subscribers).

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "rpc" event with ID 4 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Event "rpc" with ID 4 priority 0 succeeded.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Session 4: thread 1 event new RPC.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Published event "rpc" "/ietf-netconf:get-config" with ID 8 priority 0 for 1 subscribers.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "/ietf-netconf:get-config" "rpc" event with ID 8 priority 0 (remaining 1 subscribers).

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "rpc" event with ID 8 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Event "rpc" with ID 8 priority 0 succeeded.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Session 4: thread 2 event new RPC.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Published event "rpc" "/ietf-netconf:edit-config" with ID 3 priority 0 for 1 subscribers.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "/ietf-netconf:edit-config" "rpc" event with ID 3 priority 0 (remaining 1 subscribers).

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: edit-config error-option "stop-on-error" not supported, rollback-on-error will be performed.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Published event "change" "o-ran-usermgmt" with ID 2 priority 0 for 1 subscribers.

Oct 29 23:12:15 mcb1 user.notice USERMGMT[1054]: operator17619020756748090 added successfully !!

Oct 29 23:12:15 mcb1 user.notice USERMGMT[1054]: operator17619020756748090 enabled !!

Oct 29 23:12:15 mcb1 user.notice USERMGMT[1054]: END OF CHANGES

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Event "change" with ID 2 priority 0 succeeded.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Published event "done" "o-ran-usermgmt" with ID 2 priority 0 for 1 subscribers.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of  
"/o-ran-usermgmt:users/user[name='operator17619020756748090']", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of  
"/o-ran-usermgmt:users/user[name='operator17619020756748090']/name", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of  
"/o-ran-usermgmt:users/user[name='operator17619020756748090']/account-type", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of  
"/o-ran-usermgmt:users/user[name='operator17619020756748090']/password", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of  
"/o-ran-usermgmt:users/user[name='operator17619020756748090']/enabled", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 1.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 1 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 user.notice USERMGMT[1054]: END OF CHANGES

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Published event "notif" "ietf-netconf-notifications" with ID 2 priority 0 for 1 subscribers.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "rpc" event with ID 3 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Event "rpc" with ID 3 priority 0 succeeded.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Session 4: thread 2 event new RPC.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of  
"/o-ran-usermgmt:users/user[name='operator17619020756748090']", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of  
"/o-ran-usermgmt:users/user[name='operator17619020756748090']/name", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/o-ran-usermgmt:users/user[name='operator17619020756748090']/account-type", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/o-ran-usermgmt:users/user[name='operator17619020756748090']/password", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/o-ran-usermgmt:users/user[name='operator17619020756748090']/enabled", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 2.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 2 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 user.notice wd\_manager[1443]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/fw\_manager

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/fw\_manager", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 3.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 3 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 user.notice wd\_manager[1443]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/nw\_manager

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/nw\_manager", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 4.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 4 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 user.notice wd\_manager[1443]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/operations\_manager

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/operations\_manager", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 5.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 5 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 user.notice wd\_manager[1443]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/pm\_manager

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/pm\_manager", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 6.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 6 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 user.notice wd\_manager[1443]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/um\_manager

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/um\_manager", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 7.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 7 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 user.notice wd\_manager[1443]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/sys\_monitor

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/sys\_monitor", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.



Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 8.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 8 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 user.notice wd\_manager[1443]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/fault\_manager

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/fault\_manager", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 9.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 9 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 user.notice wd\_manager[1443]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/file\_manager

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/file\_manager", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 10.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 10 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 user.notice wd\_manager[1443]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/supervision

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/supervision", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 11.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 11 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 user.notice wd\_manager[1443]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/sync\_manager

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/sync\_manager", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 12.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 12 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 user.notice wd\_manager[1443]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/ald\_controller

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/ald\_controller", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 13.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 13 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 user.notice wd\_manager[1443]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/log\_manager

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/log\_manager", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 14.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 14 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 user.notice wd\_manager[1443]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/radio\_manager

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/radio\_manager", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.



Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 15.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 15 priority 0 (remaining 0 subscribers).

Oct 29 23:12:15 mcb1 user.notice wd\_manager[1443]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/cli\_manager

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/cli\_manager", but it is not required.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 16.

Oct 29 23:12:15 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 16 priority 0 (remaining 0 subscribers).

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/fw\_manager", but it is not required.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 17.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 17 priority 0 (remaining 0 subscribers).

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Published event "rpc" "/ietf-netconf:edit-config" with ID 4 priority 0 for 1 subscribers.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Processing "/ietf-netconf:edit-config" "rpc" event with ID 4 priority 0 (remaining 1 subscribers).

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: edit-config error-option "stop-on-error" not supported, rollback-on-error will be performed.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Published event "done" "ietf-netconf-acm" with ID 4 priority 0 for 4 subscribers.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Processing "ietf-netconf-acm" "done" event with ID 4 priority 0 (remaining 4 subscribers).

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Successful processing of "done" event with ID 4 priority 0 (remaining 0 subscribers).

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Published event "notif" "ietf-netconf-notifications" with ID 18 priority 0 for 1 subscribers.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Successful processing of "rpc" event with ID 4 priority 0 (remaining 0 subscribers).

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Event "rpc" with ID 4 priority 0 succeeded.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Session 4: thread 4 event new RPC.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/ietf-netconf-acm:nacm/groups/group[name='swm']/user-name[.='operator17619020756748090']", but it is not required.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 18.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 18 priority 0 (remaining 0 subscribers).

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Published event "rpc" "/ietf-netconf:get-config" with ID 9 priority 0 for 1 subscribers.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Processing "/ietf-netconf:get-config" "rpc" event with ID 9 priority 0 (remaining 1 subscribers).

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Successful processing of "rpc" event with ID 9 priority 0 (remaining 0 subscribers).

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Event "rpc" with ID 9 priority 0 succeeded.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Session 4: thread 0 event new RPC.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Published event "rpc" "/ietf-netconf:get-config" with ID 10 priority 0 for 1 subscribers.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Processing "/ietf-netconf:get-config" "rpc" event with ID 10 priority 0 (remaining 1 subscribers).

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Successful processing of "rpc" event with ID 10 priority 0 (remaining 0 subscribers).

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Event "rpc" with ID 10 priority 0 succeeded.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Session 4: thread 0 event new RPC.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/sync\_manager", but it is not required.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 19.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 19 priority 0 (remaining 0 subscribers).

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Session 4: thread 0 event new RPC.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Session 4: thread 0 event session terminated.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Accepted a connection on :::830.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Session 201 (user "root", CID 1) created.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Received an SSH message "request-service" of subtype "ssh-userauth".

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Received an SSH message "request-auth" of subtype "password".

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/supervision", but it is not required.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 20.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 20 priority 0 (remaining 0 subscribers).

Oct 29 23:12:16 mcb1 daemon.err netopeer2-server[980]: Session 4: invalid session to write to.

Oct 29 23:12:16 mcb1 daemon.err netopeer2-server[980]: Session 4: failed to write notification (error).

Oct 29 23:12:16 mcb1 daemon.err netopeer2-server[980]: Sending a notification to session 4 failed.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: User "operator17619020756748090" authenticated.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Received an SSH message "request-channel-open" of subtype "session".

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Received an SSH message "request-channel" of subtype "subsystem".

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Session 203 (user "root", CID 1) created.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Published event "notif" "ietf-netconf-notifications" with ID 21 priority 0 for 1 subscribers.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Generated new event (netconf-session-start).

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 21.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 21 priority 0 (remaining 0 subscribers).

Oct 29 23:12:16 mcb1 daemon.err netopeer2-server[980]: Session 4: invalid session to write to.

Oct 29 23:12:16 mcb1 daemon.err netopeer2-server[980]: Session 4: failed to write notification (error).

Oct 29 23:12:16 mcb1 daemon.err netopeer2-server[980]: Sending a notification to session 4 failed.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: There is no instance of "/vvdn\_mcel-wdm:system-apps/ald\_controller", but it is not

required.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Processing "notif" "ietf-netconf-notifications" event with ID 22.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Successful processing of "notif" event with ID 22 priority 0 (remaining 0 subscribers).

Oct 29 23:12:16 mcb1 daemon.err netopeer2-server[980]: Session 4: invalid session to write to.

Oct 29 23:12:16 mcb1 daemon.err netopeer2-server[980]: Session 4: failed to write notification (error).

Oct 29 23:12:16 mcb1 daemon.err netopeer2-server[980]: Sending a notification to session 4 failed.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: There are no subscribers for "ietf-netconf-notifications" notifications.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Generated new event (netconf-session-end).

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Call Home client "default-client" session terminated.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Trying to connect via IPv4 to 192.168.22.79:4334.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: getsockopt() error (Connection refused).

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Published event "rpc" "/notifications:create-subscription" with ID 5 priority 0 for 1 subscribers.

Oct 29 23:12:16 mcb1 daemon.info netopeer2-server[980]: Processing "/notifications:create-subscription" "rpc" event with ID 5 priority 0 (remaining 1 subscribers).

Oct 29 23:12:17 mcb1 daemon.info netopeer2-server[980]: Successful processing of "rpc" event with ID 5 priority 0 (remaining 0 subscribers).

Oct 29 23:12:17 mcb1 daemon.info netopeer2-server[980]: Event "rpc" with ID 5 priority 0 succeeded.

Oct 29 23:12:17 mcb1 daemon.info netopeer2-server[980]: Session 5: thread 3 event new RPC.

Oct 29 23:12:17 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:17 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:17 mcb1 daemon.info netopeer2-server[980]: Resolving unresolved data nodes and their constraints...

Oct 29 23:12:17 mcb1 daemon.info netopeer2-server[980]: All data nodes and constraints resolved.

Oct 29 23:12:17 mcb1 daemon.info netopeer2-server[980]: Published event "rpc" "/ietf-netconf:edit-config" with ID 5 priority 0 for 1 subscribers.

Oct 29 23:12:17 mcb1 daemon.info netopeer2-server[980]: Processing "/ietf-netconf:edit-config" "rpc" event with ID 5 priority 0 (remaining 1 subscribers).

Oct 29 23:12:17 mcb1 daemon.info netopeer2-server[980]: edit-config error-option "stop-on-error" not supported, rollback-on-error will be performed.

Oct 29 23:12:17 mcb1 daemon.err netopeer2-server[980]: Access to the data model "o-ran-sync" is denied because "operator17619020756748090" NACM authorization failed.

Oct 29 23:12:17 mcb1 daemon.info netopeer2-server[980]: Failed processing of "rpc" event with ID 5 priority 0 (remaining 1 subscribers).

Oct 29 23:12:17 mcb1 daemon.err netopeer2-server[980]: Access to the data model "o-ran-sync" is denied because "operator17619020756748090" NACM authorization failed.

Oct 29 23:12:17 mcb1 daemon.warn netopeer2-server[980]: Event "rpc" with ID 5 priority 0 failed (User callback failed).

Oct 29 23:12:17 mcb1 daemon.err netopeer2-server[980]: Failed to send an RPC (User callback failed).

Oct 29 23:12:17 mcb1 daemon.info netopeer2-server[980]: Session 5: thread 2 event new RPC.

Oct 29 23:12:17 mcb1 daemon.info netopeer2-server[980]: Session 5: thread 2 event reply error.

Oct 29 23:12:17 mcb1 daemon.info netopeer2-server[980]: Session 5: thread 2 event new RPC.

Oct 29 23:12:17 mcb1 daemon.info netopeer2-server[980]: Session 5: thread 2 event session terminated.

Oct 29 23:12:17 mcb1 daemon.info netopeer2-server[980]: There are no subscribers for "ietf-netconf-notifications" notifications.

Oct 29 23:12:17 mcb1 daemon.info netopeer2-server[980]: Generated new event (netconf-session-end).

Oct 29 23:12:17 mcb1 auth.info sshd[8784]: Accepted password for operator from 192.168.22.79 port 46862 ssh2

Oct 29 23:12:17 mcb1 authpriv.info sshd[8784]: pam\_unix(sshd:session): session opened for user operator by (uid=0)

**Expected Result : The NETCONF server replies rejecting the protocol operation with an "access-denied" error.**

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\*\*\*\*\* Actual Result \*\*\*\*\*

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<b>Access Control SWM (negative case)</b>	<b>=</b>	<b>SUCCESS</b>
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