



@ FILE NAME: M_CTC_ID_021.txt

@ TEST SCOPE: M PLANE O-RAN CONFORMANCE

@ Software Release for LPRU: v1.0.16

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

```
=====
***** Initial Get *****
=====
```

```
> connect --ssh --host 192.168.98.37 --port 830 --login operator
```

```
    Interactive SSH Authentication
```

```
    Type your password:
```

```
    Password:
```

```
=====
> 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>operator11879338448155316</name>
      <account-type>PASSWORD</account-type>
      <enabled>true</enabled>
    </user>
    <user>
      <name>operator35813916948</name>
      <account-type>PASSWORD</account-type>
      <enabled>true</enabled>
    </user>
    <user>
      <name>operator6221</name>
      <account-type>PASSWORD</account-type>
      <enabled>true</enabled>
    </user>
  </users>
</data>
```

```
</user>
<user>
  <name>operator9152751046350691512312</name>
  <account-type>PASSWORD</account-type>
  <enabled>true</enabled>
</user>
<user>
  <name>operator1930927930649</name>
  <account-type>PASSWORD</account-type>
  <enabled>true</enabled>
</user>
<user>
  <name>operator213245180307904</name>
  <account-type>PASSWORD</account-type>
  <enabled>true</enabled>
</user>
<user>
  <name>operator429298006246159886060</name>
  <account-type>PASSWORD</account-type>
  <enabled>true</enabled>
</user>
<user>
  <name>operator92526982514</name>
  <account-type>PASSWORD</account-type>
  <enabled>true</enabled>
</user>
<user>
  <name>operator23128973556</name>
  <account-type>PASSWORD</account-type>
  <enabled>true</enabled>
</user>
<user>
  <name>operator0710008545411089</name>
  <account-type>PASSWORD</account-type>
  <enabled>true</enabled>
</user>
<user>
  <name>operator603</name>
  <account-type>PASSWORD</account-type>
  <enabled>true</enabled>
</user>
</users>
</data>
```

=====

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

=====

> listen --ssh --login observer

Waiting 60s for an SSH Call Home connection on port 4334...

The authenticity of the host '192.168.98.37' cannot be established.

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

Interactive SSH Authentication done.

> status

Current NETCONF session:

ID : 12

Host : 192.168.98.37

Port : 830

Transport : SSH

Capabilities:

urn:ietf:params:netconf:base:1.0 urn:ietf:params:netconf:base:1.1 urn:ietf:params:netconf:capability:writable-running:1.0

urn:ietf:params:netconf:capability:candidate:1.0 urn:ietf:params:netconf:capability:rollback-on-error:1.0

urn:ietf:params:netconf:capability:validate:1.1 urn:ietf:params:netconf:capability:startup:1.0 urn:ietf:params:netconf:capability:xpath:1.0

urn:ietf:params:netconf:capability:with-defaults:1.0?basic-mode=explicit&also-supported=report-all,report-all-tagged,trim,explicit

urn:ietf:params:netconf:capability:notification:1.0 urn:ietf:params:netconf:capability:interleave:1.0

urn:ietf:params:xml:ns:yang:ietf-yang-metadata?module=ietf-yang-metadata&revision=2016-08-05

urn:ietf:params:xml:ns:yang:1?module=yang&revision=2017-02-20

urn:ietf:params:xml:ns:yang:ietf-inet-types?module=ietf-inet-types&revision=2013-07-15

urn:ietf:params:xml:ns:yang:ietf-yang-types?module=ietf-yang-types&revision=2013-07-15

urn:ietf:params:netconf:capability:yang-library:1.1?revision=2019-01-04&content-id=61

urn:sysrepo:plugind?module=sysrepo-plugind&revision=2020-12-10

urn:ietf:params:xml:ns:yang:ietf-netconf-acm?module=ietf-netconf-acm&revision=2018-02-14

urn:ietf:params:xml:ns:netconf:base:1.0?module=ietf-netconf&revision=2013-09-29&features=writable-running,candidate,rollback-on-error,valid

ate,startup,url,xpath urn:ietf:params:xml:ns:yang:ietf-netconf-with-defaults?module=ietf-netconf-with-defaults&revision=2011-06-01

urn:ietf:params:xml:ns:yang:ietf-netconf-notifications?module=ietf-netconf-notifications&revision=2012-02-06

urn:ietf:params:xml:ns:yang:ietf-netconf-monitoring?module=ietf-netconf-monitoring&revision=2010-10-04

urn:ietf:params:xml:ns:netconf:notification:1.0?module=notifications&revision=2008-07-14

urn:ietf:params:xml:ns:netmod:notification?module=nc-notifications&revision=2008-07-14

urn:ietf:params:xml:ns:yang:ietf-x509-cert-to-name?module=ietf-x509-cert-to-name&revision=2014-12-10

urn:ietf:params:xml:ns:yang:iana-crypt-hash?module=iana-crypt-hash&revision=2014-08-06 urn:notification_history?module=notification_history

urn:ietf:params:xml:ns:yang:iana-if-type?module=iana-if-type&revision=2017-01-19

=====

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

=====

Ok

=====

Step 2 TER NETCONF client attempts to get the configuration of the o-ran-processing.yang model.

=====

=====

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

=====

=====

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

=====

```
<processing-elements xmlns="urn:o-ran:processing-element:1.0">
<transport-session-type>ETH-INTERFACE</transport-session-type>
<ru-elements>
  <name>element0</name>
  <transport-flow>
    <interface-name>eth0.100</interface-name>
    <eth-flow>
      <ru-mac-address>98:ae:71:01:91:87</ru-mac-address>
      <vlan-id>100</vlan-id>
      <o-du-mac-address>64:9d:99:b1:7e:62</o-du-mac-address>
    </eth-flow>
  </transport-flow>
</ru-elements>
</processing-elements>
```

=====

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

=====

ERROR

```
type      : protocol
tag       : access-denied
severity  : error
path      : /o-ran-processing-element:processing-elements/ru-elements
message   : Access to the data model "o-ran-processing-element" is denied because "observer" NACM authorization failed.
```

=====

SYSTEM LOGS

=====

Nov 4 00:30:21 vvdn_lpru daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.98.88:4334.

Nov 4 00:30:21 vvdn_lpru daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Nov 4 00:30:22 vvdn_lpru daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.98.88:4334.

Nov 4 00:30:22 vvdn_lpru daemon.info netopeer2-server[858]: Successfully connected to 192.168.98.88:4334 over IPv4.

Nov 4 00:30:22 vvdn_lpru daemon.info netopeer2-server[858]: Session 256 (user "root", CID 1) created.

Nov 4 00:30:22 vvdn_lpru daemon.info netopeer2-server[858]: Received an SSH message "request-service" of subtype "ssh-userauth".

Nov 4 00:30:22 vvdn_lpru daemon.info netopeer2-server[858]: Received an SSH message "request-auth" of subtype "password".

Nov 4 00:30:22 vvdn_lpru daemon.info netopeer2-server[858]: User "observer" authenticated.

Nov 4 00:30:22 vvdn_lpru daemon.info netopeer2-server[858]: Received an SSH message "request-channel-open" of subtype "session".

Nov 4 00:30:22 vvdn_lpru daemon.info netopeer2-server[858]: Received an SSH message "request-channel" of subtype "subsystem".

Nov 4 00:30:22 vvdn_lpru daemon.info netopeer2-server[858]: Call Home client "default-client" session 12 established.

Nov 4 00:30:22 vvdn_lpru daemon.info netopeer2-server[858]: Session 257 (user "root", CID 1) created.

Nov 4 00:30:22 vvdn_lpru daemon.info netopeer2-server[858]: There are no subscribers for "ietf-netconf-notifications" notifications.

Nov 4 00:30:22 vvdn_lpru daemon.info netopeer2-server[858]: Generated new event (netconf-session-start).

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Published event "rpc" "/ietf-netconf:get" with ID 26 priority 0 for 1 subscribers.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Processing "/ietf-netconf:get" "rpc" event with ID 26 priority 0 (remaining 1 subscribers).

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Successful processing of "rpc" event with ID 26 priority 0 (remaining 0 subscribers).

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Event "rpc" with ID 26 priority 0 succeeded.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Session 12: thread 3 event new RPC.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Published event "rpc" "/ietf-netconf:get" with ID 27 priority 0 for 1 subscribers.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Processing "/ietf-netconf:get" "rpc" event with ID 27 priority 0 (remaining 1 subscribers).

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 24.

Nov 4 00:30:23 vvdn_lpru user.notice fw_manager[928]: RPC #24 recieved. xpath -> /o-ran-software-management:software-inventory

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Event "operational" with ID 24 succeeded.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN O-RU", but it is not required.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Successful processing of "rpc" event with ID 27 priority 0 (remaining 0 subscribers).

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Event "rpc" with ID 27 priority 0 succeeded.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN O-RU", but it is not required.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "VVDN=O-RU", but it is not required.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Session 12: thread 2 event new RPC.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Published event "rpc" "/ietf-netconf:get-config" with ID 12 priority 0 for 1 subscribers.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Processing "/ietf-netconf:get-config" "rpc" event with ID 12 priority 0 (remaining 1 subscribers).

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Successful processing of "rpc" event with ID 12 priority 0 (remaining 0 subscribers).

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Event "rpc" with ID 12 priority 0 succeeded.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Session 12: thread 0 event new RPC.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Accepted a connection on :::830.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Session 262 (user "root", CID 1) created.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Received an SSH message "request-service" of subtype "ssh-userauth".

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Received an SSH message "request-auth" of subtype "password".

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: User "operator" authenticated.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Received an SSH message "request-channel-open" of subtype "session".

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Received an SSH message "request-channel" of subtype "subsystem".

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Session 263 (user "root", CID 1) created.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: There are no subscribers for "ietf-netconf-notifications" notifications.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Generated new event (netconf-session-start).

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Published event "rpc" "/ietf-netconf:get" with ID 28 priority 0 for 1 subscribers.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Processing "/ietf-netconf:get" "rpc" event with ID 28 priority 0 (remaining 1 subscribers).

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Successful processing of "rpc" event with ID 28 priority 0 (remaining 0 subscribers).

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Event "rpc" with ID 28 priority 0 succeeded.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Session 13: thread 0 event new RPC.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Published event "rpc" "/ietf-netconf:get-config" with ID 13 priority 0 for 1 subscribers.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Processing "/ietf-netconf:get-config" "rpc" event with ID 13 priority 0 (remaining 1 subscribers).

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Successful processing of "rpc" event with ID 13 priority 0 (remaining 0 subscribers).

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Event "rpc" with ID 13 priority 0 succeeded.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: There is no leafref
"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:23 vvdn_lpru daemon.info netopeer2-server[858]: Session 13: thread 4 event new RPC.

Nov 4 00:30:24 vvdn_lpru daemon.info netopeer2-server[858]: Session 13: thread 2 event new RPC.

Nov 4 00:30:24 vvdn_lpru daemon.info netopeer2-server[858]: Session 13: thread 2 event session terminated.

Nov 4 00:30:24 vvdn_lpru daemon.info netopeer2-server[858]: There are no subscribers for "ietf-netconf-notifications" notifications.

Nov 4 00:30:24 vvdn_lpru daemon.info netopeer2-server[858]: Generated new event (netconf-session-end).

Nov 4 00:30:24 vvdn_lpru user.notice SYNCMNGR[1174]: Received message from S-Plane

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: Published event "rpc" "/notifications:create-subscription" with ID 8 priority 0 for 1 subscribers.

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: Processing "/notifications:create-subscription" "rpc" event with ID 8 priority 0 (remaining 1 subscribers).

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: Successful processing of "rpc" event with ID 8 priority 0 (remaining 0 subscribers).

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: Event "rpc" with ID 8 priority 0 succeeded.

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: Session 12: thread 0 event new RPC.

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: Published event "rpc" "/ietf-netconf:edit-config" with ID 4 priority 0 for 1 subscribers.

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: Processing "/ietf-netconf:edit-config" "rpc" event with ID 4 priority 0 (remaining 1 subscribers).

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: edit-config error-option "stop-on-error" not supported, rollback-on-error will be performed.

Nov 4 00:30:29 vvdn_lpru daemon.err netopeer2-server[858]: Access to the data model "o-ran-processing-element" is denied because "observer" NACM authorization failed.

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: Failed processing of "rpc" event with ID 4 priority 0 (remaining 1 subscribers).

Nov 4 00:30:29 vvdn_lpru daemon.err netopeer2-server[858]: Access to the data model "o-ran-processing-element" is denied because "observer" NACM authorization failed.

Nov 4 00:30:29 vvdn_lpru daemon.warn netopeer2-server[858]: Event "rpc" with ID 4 priority 0 failed (User callback failed).

Nov 4 00:30:29 vvdn_lpru daemon.err netopeer2-server[858]: Failed to send an RPC (User callback failed).

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: Session 12: thread 1 event new RPC.

Nov 4 00:30:29 vvdn_lpru daemon.info netopeer2-server[858]: Session 12: thread 1 event reply error.

Nov 4 00:30:34 vvdn_lpru daemon.info netopeer2-server[858]: Session 12: thread 4 event new RPC.

Nov 4 00:30:34 vvdn_lpru daemon.info netopeer2-server[858]: Session 12: thread 4 event session terminated.

Nov 4 00:30:34 vvdn_lpru daemon.info netopeer2-server[858]: There are no subscribers for "ietf-netconf-notifications" notifications.

Nov 4 00:30:34 vvdn_lpru daemon.info netopeer2-server[858]: Generated new event (netconf-session-end).

Nov 4 00:30:34 vvdn_lpru daemon.info netopeer2-server[858]: Call Home client "default-client" session terminated.

Nov 4 00:30:34 vvdn_lpru daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.98.88:4334.

Nov 4 00:30:34 vvdn_lpru daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Nov 4 00:30:34 vvdn_lpru user.notice SYNCMNGR[1174]: Received message from S-Plane

Nov 4 00:30:34 vvdn_lpru authpriv.debug sshd[26707]: pam_unix(sshd:account): account observer has password changed in future

Nov 4 00:30:34 vvdn_lpru auth.info sshd[26707]: Accepted password for observer from 192.168.98.88 port 49666 ssh2

Nov 4 00:30:34 vvdn_lpru authpriv.info sshd[26707]: pam_unix(sshd:session): session opened for user observer by (uid=0)

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

=====

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

=====

=====

Access Control FM-PM (negative case)	=	SUCCESS
---	----------	----------------

=====