



**@ FILE NAME: M\_CTC\_ID\_019.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 security aspects.**

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

**3.3 SSH Connection Establishment**

**3.4 NETCONF Access Control**

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**STEP 1. The TER NETCONF Client establishes a connection with the O-RU NETCONF Server.**

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

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The authenticity of the host '::ffff:192.168.49.43' cannot be established.

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

Interactive SSH Authentication done.

> status

Current NETCONF session:

ID : 1

Host : 192.168.49.43

Port : 830

Transport : SSH

Capabilities:

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

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

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

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

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

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

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

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

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

urn:ietf:params:netconf:capability:yang-library:1.1?revision=2019-01-04&content-id=63

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

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

urn:ietf:params:xml:ns:netconf:base:1.0?module=ietf-netconf&revision=2013-09-29&features=writable-running,candidate,rollback-on-error,validate,startup,url,xpath urn:ietf:params:xml:ns:yang:ietf-netconf-with-defaults?module=ietf-netconf-with-defaults&revision=2011-06-01

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

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

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

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

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

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

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

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**> subscribe**

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Ok

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#####Step 2 and 3 O-RU NETCONF server replies by silently omitting data nodes#####

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

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```
<?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>
      <password>oranuser</password>
      <enabled>true</enabled>
    </user>
    <user>
      <name>operator</name>
      <account-type>PASSWORD</account-type>
      <password>admin1234895</password>
      <enabled>true</enabled>
    </user>
    <user>
      <name>observer</name>
      <account-type>PASSWORD</account-type>
      <password>admin123</password>
      <enabled>true</enabled>
    </user>
    <user>
      <name>installer</name>
      <account-type>PASSWORD</account-type>
      <password>wireless123</password>
      <enabled>true</enabled>
    </user>
    <user>
      <name>garuda</name>
      <account-type>PASSWORD</account-type>
      <password>garuda12345</password>
      <enabled>true</enabled>
    </user>
    <user>
      <name>operator11302326379</name>
      <account-type>PASSWORD</account-type>
      <password>Aemlsk9}{2xgQVF</password>
      <enabled>true</enabled>
    </user>
    <user>
```

```
<name>operator44567591</name>
<account-type>PASSWORD</account-type>
<password>yo7)BAFyAm0M7W1lc2mEA_D5[5YytpafL6xTTCXM%Q]~Z2Fv^</password>
<enabled>true</enabled>
</user>
<user>
<name>operator8075861281902</name>
<account-type>PASSWORD</account-type>
<password>GV2QSHVzl}B)vk(!tw2pZhuFkkn%L^E)wgk(Z{KfgXCpdkfEA+NGMY(B^+kDYB8R06v</password>
<enabled>true</enabled>
</user>
<user>
<name>operator17619020756748090</name>
<account-type>PASSWORD</account-type>
<password>nwk75gnD[44LqeBrwKFcBvaUNPKz6gArf_M.EHxwG.EGuk{-n_Os0avM}$XZ}LBYNb+)M!NcV0RunG}_{-})9F2gu%nKKsd+X
kOgXvIYxh%QxBQsA7EYqB</password>
<enabled>true</enabled>
</user>
<user>
<name>operator86938204120707827368</name>
<account-type>PASSWORD</account-type>
<password>s8icesF.HI~%FN4_]!MKBMVqa]{RUQkL07x.+)-VmZfAh3nJxwS+y6I!</password>
<enabled>true</enabled>
</user>
<user>
<name>operator7596639986022389968</name>
<account-type>PASSWORD</account-type>
<password>v+Dq5KtKuj(^!x</password>
<enabled>true</enabled>
</user>
<user>
<name>operator0126795795152205</name>
<account-type>PASSWORD</account-type>
<password>RdP1GycV9r]R15N_k7Hnz5wF)vjY~dxBE!v^MxSq4Gke1nCkSCW+1)1z%2}kOtLnjiWbj]EY7QUk%15H0g~QYlrR0bRkZMz1x
TyDy3ca6-r</password>
<enabled>true</enabled>
</user>
<user>
<name>operator119986</name>
<account-type>PASSWORD</account-type>
<password>1Xrl)+$ki)QolcMi)vVRig.u</password>
<enabled>true</enabled>
</user>
<user>
<name>stl</name>
<account-type>PASSWORD</account-type>
<password>stli12345</password>
<enabled>true</enabled>
</user>
```

```
<user>
<name>operator72008202</name>
<account-type>PASSWORD</account-type>
<password>INxRH3HsE</password>
<enabled>true</enabled>
</user>
<user>
<name>operator06308723954138</name>
<account-type>PASSWORD</account-type>
<password>36eb.%^8cvTFI~5SYnjID9E7pVT$A9bJjVKkDyfolI}Y~1V3uJWrh~jI^o4i}SzQJCD!ufgDHsR5pM-m-xLeMj(vl</password>
<enabled>true</enabled>
</user>
<user>
<name>operator21726001215379102</name>
<account-type>PASSWORD</account-type>
<password>PuUPKD.3JY4^2f1i$T~CTW12CO8yWjU$b}12jZwrb7kpkwd(b%2s1S}</password>
<enabled>true</enabled>
</user>
</users>
</data>
```

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

```
Oct 30 00:36:44 mcb1 daemon.info netopeer2-server[979]: Trying to connect via IPv4 to 192.168.49.88:4334.
Oct 30 00:36:44 mcb1 daemon.info netopeer2-server[979]: getsockopt() error (Connection refused).
Oct 30 00:36:45 mcb1 daemon.info netopeer2-server[979]: Trying to connect via IPv4 to 192.168.49.88:4334.
Oct 30 00:36:45 mcb1 daemon.info netopeer2-server[979]: Successfully connected to 192.168.49.88:4334 over IPv4.
Oct 30 00:36:45 mcb1 daemon.info netopeer2-server[979]: Session 78 (user "root", CID 1) created.
Oct 30 00:36:45 mcb1 daemon.info netopeer2-server[979]: Received an SSH message "request-service" of subtype "ssh-userauth".
Oct 30 00:36:45 mcb1 daemon.info netopeer2-server[979]: Received an SSH message "request-auth" of subtype "password".
Oct 30 00:36:45 mcb1 daemon.info netopeer2-server[979]: User "root" authenticated.
Oct 30 00:36:45 mcb1 daemon.info netopeer2-server[979]: Received an SSH message "request-channel-open" of subtype "session".
Oct 30 00:36:45 mcb1 daemon.info netopeer2-server[979]: Received an SSH message "request-channel" of subtype "subsystem".
Oct 30 00:36:45 mcb1 daemon.info netopeer2-server[979]: Call Home client "default-client" session 1 established.
Oct 30 00:36:45 mcb1 daemon.info netopeer2-server[979]: Session 79 (user "root", CID 1) created.
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: There are no subscribers for "ietf-netconf-notifications" notifications.
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Generated new event (netconf-session-start).
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Published event "rpc" "/ietf-netconf:get" with ID 1 priority 0 for 1 subscribers.
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Processing "/ietf-netconf:get" "rpc" event with ID 1 priority 0 (remaining 1 subscribers).
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Successful processing of "rpc" event with ID 1 priority 0 (remaining 0 subscribers).
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Event "rpc" with ID 1 priority 0 succeeded.
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Session 1: thread 0 event new RPC.
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Published event "rpc" "/ietf-netconf:get" with ID 2 priority 0 for 1 subscribers.
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Processing "/ietf-netconf:get" "rpc" event with ID 2 priority 0 (remaining 1 subscribers).
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: There is no leafref
"/ietf-keystore:keystore/ietf-keystore:asymmetric-keys/ietf-keystore:asymmetric-key/ietf-keystore:name" with the value "genkey", but it is not required.
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: There is no leafref
"/ietf-keystore:keystore/ietf-keystore:asymmetric-keys/ietf-keystore:asymmetric-key/ietf-keystore:name" with the value "genkey", but it is not required.
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: There is no leafref
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"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port1", but it is not required.  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port1", but it is not required.  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: There is no leafref  
"/ietf-interfaces:interfaces/ietf-interfaces:interface/ietf-interfaces:name" with the value "eth1.428", but it is not required.  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: There is no leafref  
"/ietf-interfaces:interfaces/ietf-interfaces:interface[ietf-interfaces:name = current()/../interface-name]/o-ran-interfaces:vlan-id" with the value "428", but it is not required.  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: There is no leafref  
"/ietf-interfaces:interfaces/ietf-interfaces:interface/ietf-interfaces:name" with the value "eth1.490", but it is not required.  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: There is no leafref  
"/ietf-interfaces:interfaces/ietf-interfaces:interface[ietf-interfaces:name = current()/../interface-name]/o-ran-interfaces:vlan-id" with the value "490", but it is not required.  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 1.  
Oct 30 00:36:46 mcb1 user.notice fw\_manager[1061]: RPC #1 recieved. xpath -> /o-ran-software-management:software-inventory  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Event "operational" with ID 1 succeeded.  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: 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 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: 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 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: 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 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Successful processing of "rpc" event with ID 2 priority 0 (remaining 0 subscribers).  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Event "rpc" with ID 2 priority 0 succeeded.  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: 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 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: 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 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: 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 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Session 1: thread 2 event new RPC.  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Published event "rpc" "/ietf-netconf:get-config" with ID 1 priority 0 for 1 subscribers.  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Processing "/ietf-netconf:get-config" "rpc" event with ID 1 priority 0 (remaining 1 subscribers).  
Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Successful processing of "rpc" event with ID 1 priority 0 (remaining 0 subscribers).



Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Event "rpc" with ID 1 priority 0 succeeded.

Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...

Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.

Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...

Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port1", but it is not required.

Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port1", but it is not required.

Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.

Oct 30 00:36:46 mcb1 daemon.info netopeer2-server[979]: Session 1: thread 4 event new RPC.

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: Published event "rpc" "/notifications:create-subscription" with ID 1 priority 0 for 1 subscribers.

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: Processing "/notifications:create-subscription" "rpc" event with ID 1 priority 0 (remaining 1 subscribers).

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: Successful processing of "rpc" event with ID 1 priority 0 (remaining 0 subscribers).

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: Event "rpc" with ID 1 priority 0 succeeded.

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: Session 1: thread 4 event new RPC.

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: Published event "rpc" "/ietf-netconf:get-config" with ID 2 priority 0 for 1 subscribers.

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: Processing "/ietf-netconf:get-config" "rpc" event with ID 2 priority 0 (remaining 1 subscribers).

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: Successful processing of "rpc" event with ID 2 priority 0 (remaining 0 subscribers).

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: Event "rpc" with ID 2 priority 0 succeeded.

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: Resolving unresolved data nodes and their constraints...

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: All data nodes and constraints resolved.

Oct 30 00:36:47 mcb1 daemon.info netopeer2-server[979]: Session 1: thread 1 event new RPC.

Oct 30 00:36:52 mcb1 daemon.info netopeer2-server[979]: Session 1: thread 1 event new RPC.

Oct 30 00:36:52 mcb1 daemon.info netopeer2-server[979]: Session 1: thread 1 event session terminated.

Oct 30 00:36:52 mcb1 daemon.info netopeer2-server[979]: There are no subscribers for "ietf-netconf-notifications" notifications.

Oct 30 00:36:52 mcb1 daemon.info netopeer2-server[979]: Generated new event (netconf-session-end).

Oct 30 00:36:52 mcb1 daemon.info netopeer2-server[979]: Call Home client "default-client" session terminated.

Oct 30 00:36:52 mcb1 daemon.info netopeer2-server[979]: Trying to connect via IPv4 to 192.168.49.88:4334.

Oct 30 00:36:52 mcb1 daemon.info netopeer2-server[979]: getsockopt() error (Connection refused).

Oct 30 00:36:52 mcb1 auth.info sshd[2644]: Accepted password for root from 192.168.49.88 port 55530 ssh2

Oct 30 00:36:52 mcb1 authpriv.info sshd[2644]: pam\_unix(sshd:session): session opened for user root by (uid=0)



**Expected Result : The O-RU NETCONF server replies by silently omitting data nodes and their descendants to which the client does not have read access from the <rpc-reply> message**

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

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\*\*\*\*\* **FAIL\_REASON** \*\*\*\*\*

=====

admin1234895

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|  |          |             |
|--|----------|-------------|
| <b>Access Control Sudo (negative case)</b> | <b>=</b> | <b>FAIL</b> |
|--|----------|-------------|

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