



**@ FILE NAME: M\_CTC\_ID\_019.txt**

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

**@ Software Release for Garuda: v5.0.2**

**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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```
> connect --ssh --host 192.168.4.41 --port 830 --login operator
ssh-rsa key fingerprint is c0:7c:63:5d:4b:85:e7:27:e0:7e:f0:44:38:4e:ab:83
Interactive SSH Authentication done.

> status
Current NETCONF session:
ID      : 2
Host    : 192.168.4.41
Port    : 830
Transport : SSH
Capabilities:
urn:ietf:params:netconf:base:1.0 urn:ietf:params:netconf:base:1.1 urn:ietf:params:netconf:capability:writable-running:1.0
urn:ietf:params:netconf:capability:candidate:1.0 urn:ietf:params:netconf:capability:rollback-on-error:1.0
urn:ietf:params:netconf:capability:validate:1.1 urn:ietf:params:netconf:capability:startup:1.0 urn:ietf:params:netconf:capability:xpath:1.0
urn:ietf:params:netconf:capability:with-defaults:1.0?basic-mode=explicit&also-supported=report-all,report-all-tagged,trim,explicit
urn:ietf:params:netconf:capability:notification:1.0 urn:ietf:params:netconf:capability:interleave:1.0
urn:ietf:params:xml:ns:yang:ietf-yang-metadata?module=ietf-yang-metadata&revision=2016-08-05
urn:ietf:params:xml:ns:yang:1?module=yang&revision=2017-02-20
urn:ietf:params:xml:ns:yang:ietf-inet-types?module=ietf-inet-types&revision=2013-07-15
urn:ietf:params:xml:ns:yang:ietf-yang-types?module=ietf-yang-types&revision=2013-07-15
urn:ietf:params:netconf:capability:yang-library:1.1?revision=2019-01-04&content-id=61
urn:sysrepo:plugind?module=sysrepo-plugind&revision=2020-12-10
urn:ietf:params:xml:ns:yang:ietf-netconf-acm?module=ietf-netconf-acm&revision=2018-02-14
urn:ietf:params:xml:ns:netconf:base:1.0?module=ietf-netconf&revision=2013-09-29&features=writable-running,candidate,rollback-on-error,validate,startup,url,xpath urn:ietf:params:xml:ns:yang:ietf-netconf-with-defaults?module=ietf-netconf-with-defaults&revision=2011-06-01
urn:ietf:params:xml:ns:yang:ietf-netconf-notifications?module=ietf-netconf-notifications&revision=2012-02-06
urn:ietf:params:xml:ns:yang:ietf-netconf-monitoring?module=ietf-netconf-monitoring&revision=2010-10-04
urn:ietf:params:xml:ns:netconf:notification:1.0?module=notifications&revision=2008-07-14
urn:ietf:params:xml:ns:netmod:notification?module=nc-notifications&revision=2008-07-14
urn:ietf:params:xml:ns:yang:ietf-x509-cert-to-name?module=ietf-x509-cert-to-name&revision=2014-12-10
urn:ietf:params:xml:ns:yang:iana-crypt-hash?module=iana-crypt-hash&revision=2014-08-06 urn:notification_history?module=notification_history
urn:ietf:params:xml:ns:yang:iana-if-type?module=iana-if-type&revision=2017-01-19
```

=====

**> subscribe**

=====

Ok

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

```
> 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>
  </users>
</data>
```

## =====

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

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Dec 22 23:27:06 garuda daemon.info netopeer2-server[853]: Timed out after 5s (Operation now in progress).

Dec 22 23:27:06 garuda daemon.info netopeer2-server[853]: Trying to connect the pending socket 37.

Dec 22 23:27:11 garuda daemon.info netopeer2-server[853]: Timed out after 5s (Connection refused).

Dec 22 23:27:11 garuda daemon.info netopeer2-server[853]: Trying to connect the pending socket 37.

Dec 22 23:27:15 garuda user.notice SYNCMNGR[1176]: Received message from S-Plane

Dec 22 23:27:16 garuda daemon.info netopeer2-server[853]: Timed out after 5s (Operation now in progress).

Dec 22 23:27:16 garuda daemon.info netopeer2-server[853]: Trying to connect the pending socket 37.

Dec 22 23:27:21 garuda daemon.info netopeer2-server[853]: Timed out after 5s (Connection refused).

Dec 22 23:27:21 garuda daemon.info netopeer2-server[853]: Trying to connect the pending socket 37.

Dec 22 23:27:26 garuda daemon.info netopeer2-server[853]: Timed out after 5s (Operation now in progress).

Dec 22 23:27:26 garuda daemon.err netopeer2-server[853]: Failed to connect socket 37 after 5 retries, closing.

Dec 22 23:27:26 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.2.15:4334.

Dec 22 23:27:29 garuda user.notice SYNCMNGR[1176]: Received message from S-Plane

Dec 22 23:27:31 garuda daemon.info netopeer2-server[853]: Timed out after 5s (Operation now in progress).

Dec 22 23:27:31 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.3.15:4334.

Dec 22 23:27:36 garuda daemon.info netopeer2-server[853]: Timed out after 5s (Operation now in progress).

Dec 22 23:27:36 garuda daemon.info netopeer2-server[853]: Trying to connect the pending socket 38.

Dec 22 23:27:41 garuda daemon.info netopeer2-server[853]: Timed out after 5s (Operation now in progress).

Dec 22 23:27:41 garuda daemon.info netopeer2-server[853]: Trying to connect the pending socket 38.

Dec 22 23:27:43 garuda user.notice SYNCMNGR[1176]: Received message from S-Plane

Dec 22 23:27:46 garuda daemon.info netopeer2-server[853]: Timed out after 5s (Operation now in progress).

Dec 22 23:27:46 garuda daemon.info netopeer2-server[853]: Trying to connect the pending socket 38.

Dec 22 23:27:51 garuda daemon.info netopeer2-server[853]: Timed out after 5s (Operation now in progress).

Dec 22 23:27:51 garuda daemon.info netopeer2-server[853]: Trying to connect the pending socket 38.

Dec 22 23:27:56 garuda daemon.info netopeer2-server[853]: Timed out after 5s (Operation now in progress).

Dec 22 23:27:56 garuda daemon.err netopeer2-server[853]: Failed to connect socket 38 after 5 retries, closing.

Dec 22 23:27:56 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.3.15:4334.

Dec 22 23:27:57 garuda user.notice SYNCMNGR[1176]: Received message from S-Plane

Dec 22 23:28:01 garuda daemon.info netopeer2-server[853]: Timed out after 5s (Operation now in progress).

Dec 22 23:28:01 garuda daemon.info netopeer2-server[853]: Trying to connect the pending socket 27.

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: Accepted a connection on :::830.

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: Session 108 (user "root", CID 1) created.

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: Received an SSH message "request-service" of subtype "ssh-userauth".

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: Received an SSH message "request-auth" of subtype "password".

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: User "operator" authenticated.

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: Received an SSH message "request-channel-open" of subtype "session".

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: Received an SSH message "request-channel" of subtype "subsystem".

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: Session 109 (user "root", CID 1) created.

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: There are no subscribers for "ietf-netconf-notifications" notifications.

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: Generated new event (netconf-session-start).

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: Published event "rpc" "/ietf-netconf:get" with ID 3 priority 0 for 1 subscribers.

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: Processing "/ietf-netconf:get" "rpc" event with ID 3 priority 0 (remaining 1 subscribers).

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: Successful processing of "rpc" event with ID 3 priority 0 (remaining 0 subscribers).

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: Event "rpc" with ID 3 priority 0 succeeded.

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:05 garuda daemon.info netopeer2-server[853]: Session 2: thread 0 event new RPC.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Published event "rpc" "/ietf-netconf:get" with ID 4 priority 0 for 1 subscribers.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Processing "/ietf-netconf:get" "rpc" event with ID 4 priority 0 (remaining 1 subscribers).

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 2.

Dec 22 23:28:06 garuda user.notice fw\_manager[930]: RPC #2 recieved. xpath -> /o-ran-software-management:software-inventory

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Timed out after 5s (Operation now in progress).

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Trying to connect the pending socket 27.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Event "operational" with ID 2 succeeded.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: 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.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: 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.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: 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.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Successful processing of "rpc" event with ID 4 priority 0 (remaining 0 subscribers).

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Event "rpc" with ID 4 priority 0 succeeded.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: 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.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: 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.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: 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.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Session 2: thread 0 event new RPC.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Published event "rpc" "/ietf-netconf:get-config" with ID 3 priority 0 for 1 subscribers.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Processing "/ietf-netconf:get-config" "rpc" event with ID 3 priority 0 (remaining 1 subscribers).

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Successful processing of "rpc" event with ID 3 priority 0 (remaining 0 subscribers).

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Event "rpc" with ID 3 priority 0 succeeded.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: There is no leafref  
"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Session 2: thread 2 event new RPC.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Published event "rpc" "/notifications:create-subscription" with ID 2 priority 0 for 1 subscribers.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Processing "/notifications:create-subscription" "rpc" event with ID 2 priority 0 (remaining 1 subscribers).

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Successful processing of "rpc" event with ID 2 priority 0 (remaining 0 subscribers).

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Event "rpc" with ID 2 priority 0 succeeded.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Session 2: thread 0 event new RPC.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli\_giru-wdm:system-apps/nw\_manager", but it is not required.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 1.

Dec 22 23:28:06 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 1 priority 0 (remaining 0 subscribers).

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli\_giru-wdm:system-apps/log\_manager", but it is not required.

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 2.

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 2 priority 0 (remaining 0 subscribers).

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Published event "rpc" "/ietf-netconf:get-config" with ID 4 priority 0 for 1 subscribers.

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Processing "/ietf-netconf:get-config" "rpc" event with ID 4 priority 0 (remaining 1 subscribers).

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Successful processing of "rpc" event with ID 4 priority 0 (remaining 0 subscribers).

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Event "rpc" with ID 4 priority 0 succeeded.

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Session 2: thread 0 event new RPC.

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli\_giru-wdm:system-apps/fault\_manager", but it is not required.

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.



Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 3.

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 3 priority 0 (remaining 0 subscribers).

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli\_giru-wdm:system-apps/radio\_manager", but it is not required.

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 4.

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 4 priority 0 (remaining 0 subscribers).

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli\_giru-wdm:system-apps/um\_manager", but it is not required.

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 5.

Dec 22 23:28:07 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 5 priority 0 (remaining 0 subscribers).

Dec 22 23:28:08 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:08 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli\_giru-wdm:system-apps/fw\_manager", but it is not required.

Dec 22 23:28:08 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:08 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 6.

Dec 22 23:28:08 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 6 priority 0 (remaining 0 subscribers).

Dec 22 23:28:08 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:08 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli\_giru-wdm:system-apps/sync\_manager", but it is not required.

Dec 22 23:28:08 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:08 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 7.

Dec 22 23:28:08 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 7 priority 0 (remaining 0 subscribers).

Dec 22 23:28:09 garuda daemon.info netopeer2-server[853]: Resolving unresolved data nodes and their constraints...

Dec 22 23:28:09 garuda daemon.info netopeer2-server[853]: There is no instance of "/stli\_giru-wdm:system-apps/operations\_manager", but it is not required.

Dec 22 23:28:09 garuda daemon.info netopeer2-server[853]: All data nodes and constraints resolved.

Dec 22 23:28:09 garuda daemon.info netopeer2-server[853]: Processing "notif" "ietf-netconf-notifications" event with ID 8.

Dec 22 23:28:09 garuda daemon.info netopeer2-server[853]: Successful processing of "notif" event with ID 8 priority 0 (remaining 0 subscribers).

Dec 22 23:28:11 garuda daemon.info netopeer2-server[853]: Timed out after 5s (Operation now in progress).

Dec 22 23:28:11 garuda daemon.err netopeer2-server[853]: Failed to connect socket 27 after 5 retries, closing.

Dec 22 23:28:11 garuda daemon.info netopeer2-server[853]: Trying to connect via IPv4 to 192.168.5.15:4334.

Dec 22 23:28:11 garuda user.notice SYNCMNGR[1176]: Received message from S-Plane

Dec 22 23:28:12 garuda daemon.info netopeer2-server[853]: Session 2: thread 0 event new RPC.

Dec 22 23:28:12 garuda daemon.info netopeer2-server[853]: Session 2: thread 0 event session terminated.

Dec 22 23:28:12 garuda daemon.info netopeer2-server[853]: There are no subscribers for "ietf-netconf-notifications" notifications.

Dec 22 23:28:12 garuda daemon.info netopeer2-server[853]: Generated new event (netconf-session-end).

Dec 22 23:28:12 garuda auth.info sshd[9758]: Accepted password for operator from 192.168.4.15 port 39766 ssh2

Dec 22 23:28:12 garuda authpriv.info sshd[9758]: pam\_unix(sshd:session): session opened for user operator 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**

=====  
\*\*\*\*\* **Actual Result** \*\*\*\*\*  
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=====  
**Access Control Sudo (negative case) = SUCCESS**  
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