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**Delete\_system\_log Error : Authentication failed.**  
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**@ FILE NAME: M\_CTC\_ID\_011.txt**

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

**@ Software Release for HFCL: v3.0.0**

**Test Description : Test Description : This scenario validates that the O-RU NETCONF**

**Server properly executes a get command with a filter applied.**

```
=====
ethtool eth0
=====
```

```
Settings for eth0:
Supported ports: [ FIBRE ]
Supported link modes: 10000baseSR/Full
Supported pause frame use: Symmetric Receive-only
Supports auto-negotiation: Yes
Supported FEC modes: Not reported
Advertised link modes: 10000baseSR/Full
Advertised pause frame use: No
Advertised auto-negotiation: Yes
Advertised FEC modes: Not reported
Speed: 10000Mb/s
Duplex: Full
Port: FIBRE
PHYAD: 0
Transceiver: internal
Auto-negotiation: off
Supports Wake-on: g
Wake-on: g
Current message level: 0x00000007 (7)
drv probe link
Link detected: yes
=====
```

```
=====
ping -c 5 192.168.3.46
=====
```

```
PING 192.168.4.50 (192.168.4.50) 56(84) bytes of data.
64 bytes from 192.168.4.50: icmp_seq=1 ttl=64 time=0.059 ms
64 bytes from 192.168.4.50: icmp_seq=2 ttl=64 time=0.180 ms
64 bytes from 192.168.4.50: icmp_seq=3 ttl=64 time=0.190 ms
64 bytes from 192.168.4.50: icmp_seq=4 ttl=64 time=0.144 ms
64 bytes from 192.168.4.50: icmp_seq=5 ttl=64 time=0.136 ms

--- 192.168.4.50 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4083ms
rtt min/avg/max/mdev = 0.059/0.141/0.190/0.048 ms
=====
```

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

```
=====
> listen --ssh --login operator
Waiting 60s for an SSH Call Home connection on port 4334...
```

The authenticity of the host '192.168.3.46' 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 : 192.168.3.46

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 --filter-xpath /ietf-netconf-notifications:\***

=====

Ok

=====

\*\*\*\*\***step 1 and 2 Retrival of ru information with 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>swmmanager</name>
  <account-type>PASSWORD</account-type>
  <enabled>true</enabled>
</user>
</users>
</data>
```

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

```
=====
GET_SYSTEM_LOGS Error : 'utf-8' codec can't decode byte 0xfa in position 75: invalid start byte
=====
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```

**Expected Result : The O-RU NETCONF Server responds with  
<rpc-reply><ok/></rpc-reply> to the TER NETCONF Client.**

```
=====
***** Actual Result *****
=====
```

```
=====
Get_without_filter || SUCCESS
=====
```

```
=====
***** Summary *****
=====
```

DHCP IP 192.168.4.50	successful.
Netopeer Connection	Successful
Capability exchange	Successful
Create-subscription	Successful
Get with filter	Successful
Can't connect to the RU	Logs are not captured.
Get_without_filter	PASS