



**@ FILE NAME: M\_CTC\_ID\_003.txt**

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

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

**Test Description : This scenario validates that the O-RU properly executes the session establishment procedure with VLANs and a DHCPv4 server. This test is applicable to IPv4 environments. Two negative flows are included in this test:**

**The TER NETCONF Client uses improper credentials when trying to establish a SSH session with the RU NETCONF Server.**

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**Interfaces Present in DU Side**

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eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    ether 64:9d:99:ff:f5:12 txqueuelen 1000 (Ethernet)
    RX packets 2477 bytes 477169 (477.1 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 1288 bytes 145641 (145.6 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

eth1: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    ether 64:9d:99:ff:f5:13 txqueuelen 1000 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

eth2: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 172.25.96.163 netmask 255.255.254.0 broadcast 172.25.97.255
    inet6 fe80::a7de:bea9:9091:a5f0 prefixlen 64 scopeid 0x20<link>
    ether b4:2e:99:60:73:8c txqueuelen 1000 (Ethernet)
    RX packets 97435 bytes 119003379 (119.0 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 50087 bytes 27238891 (27.2 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 16 memory 0xb1400000-b1420000

eth0.458: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.156.187 netmask 255.255.255.0 broadcast 192.168.156.255
    inet6 fe80::669d:99ff:feff:f512 prefixlen 64 scopeid 0x20<link>
    ether 64:9d:99:ff:f5:12 txqueuelen 1000 (Ethernet)
    RX packets 1212 bytes 215907 (215.9 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 1236 bytes 135525 (135.5 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 8193 bytes 644971 (644.9 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 8193 bytes 644971 (644.9 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
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**DHCP Status**

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**DHCP Status**

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isc-dhcp-server.service - ISC DHCP IPv4 server

Loaded: loaded (/lib/systemd/system/isc-dhcp-server.service; enabled; vendor preset: enabled)

Active: active (running) since Mon 2022-11-28 10:32:22 IST; 9min ago

Docs: man:dhcpcd(8)

Main PID: 7017 (dhcpcd)

Tasks: 1 (limit: 4915)

CGroup: /system.slice/isc-dhcp-server.service

-user dhcpcd -group dhcpcd -f -4 -pf /run/dhcp-server/dhcpcd.pid -cf /etc/dhcp/dhcpcd.conf eth0.458

Nov 28 10:32:22 vvdn sh[7017]: Listening on LPF/eth0.458/64:9d:99:ff:f5:12/192.168.156.0/24

Nov 28 10:32:22 vvdn sh[7017]: Sending on LPF/eth0.458/64:9d:99:ff:f5:12/192.168.156.0/24

Nov 28 10:32:22 vvdn sh[7017]: Sending on Socket/fallback/fallback-net

Nov 28 10:32:22 vvdn dhcpcd[7017]: Sending on LPF/eth0.458/64:9d:99:ff:f5:12/192.168.156.0/24

Nov 28 10:32:22 vvdn dhcpcd[7017]: Sending on Socket/fallback/fallback-net

Nov 28 10:32:22 vvdn dhcpcd[7017]: Server starting service.

Nov 28 10:32:39 vvdn dhcpcd[7017]: DHCPDISCOVER from 98:ae:71:00:8a:c2 via eth0.458

Nov 28 10:32:40 vvdn dhcpcd[7017]: DHCPOFFER on 192.168.156.37 to 98:ae:71:00:8a:c2 (mcb1) via eth0.458

Nov 28 10:32:40 vvdn dhcpcd[7017]: DHCPREQUEST for 192.168.156.37 (192.168.156.187) from 98:ae:71:00:8a:c2 (mcb1) via eth0.458

Nov 28 10:32:40 vvdn dhcpcd[7017]: DHCPACK on 192.168.156.37 to 98:ae:71:00:8a:c2 (mcb1) via eth0.458

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**##### Pinging #####**

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PING 192.168.156.37 (192.168.156.37) 56(84) bytes of data.

64 bytes from 192.168.156.37: icmp\_seq=1 ttl=64 time=0.181 ms

64 bytes from 192.168.156.37: icmp\_seq=2 ttl=64 time=0.192 ms

64 bytes from 192.168.156.37: icmp\_seq=3 ttl=64 time=0.187 ms

64 bytes from 192.168.156.37: icmp\_seq=4 ttl=64 time=0.187 ms

64 bytes from 192.168.156.37: icmp\_seq=5 ttl=64 time=0.192 ms

--- 192.168.156.37 ping statistics ---

5 packets transmitted, 5 received, 0% packet loss, time 4078ms

rtt min/avg/max/mdev = 0.181/0.187/0.192/0.017 ms

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**The O-RU NETCONF Serve establishes TCP connection and performs a Call Home procedure towards the NETCONF Client and not establishes a SSH.**

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> listen --ssh --login observer

Waiting 60s for an SSH Call Home connection on port 4334...The authenticity of the host '::ffff:192.168.156.37' cannot be established.

ssh-rsa key fingerprint is 59:9e:90:48:f1:d7:6e:35:e8:d1:f6:1e:90:aa:a3:83:a0:6b:98:5a.

Are you sure you want to continue connecting (yes/no)? yes

observer@::ffff:192.168.156.37 password:

nc ERROR: Unable to authenticate to the remote server (all attempts via supported authentication methods failed).

cmd\_listen: Receiving SSH Call Home on port 4334 as user "observer" failed.

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> listen --ssh --login operator

Waiting 60s for an SSH Call Home connection on port 4334...The authenticity of the host '::ffff:192.168.156.37' cannot be established.

ssh-rsa key fingerprint is 59:9e:90:48:f1:d7:6e:35:e8:d1:f6:1e:90:aa:a3:83:a0:6b:98:5a.

Are you sure you want to continue connecting (yes/no)? yes

operator@::ffff:192.168.156.37 password:

nc ERROR: Unable to authenticate to the remote server (all attempts via supported authentication methods failed).

cmd\_listen: Receiving SSH Call Home on port 4334 as user "operator" failed.

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> listen --ssh --login installerr

Waiting 60s for an SSH Call Home connection on port 4334...The authenticity of the host '::ffff:192.168.156.37' cannot be established.

ssh-rsa key fingerprint is 59:9e:90:48:f1:d7:6e:35:e8:d1:f6:1e:90:aa:a3:83:a0:6b:98:5a.

Are you sure you want to continue connecting (yes/no)? yes

installerr@::ffff:192.168.156.37 password:

nc ERROR: Unable to authenticate to the remote server (all attempts via supported authentication methods failed).

cmd\_listen: Receiving SSH Call Home on port 4334 as user "installerr" failed.

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> listen --ssh --login installer

Waiting 60s for an SSH Call Home connection on port 4334...The authenticity of the host '::ffff:192.168.156.37' cannot be established.

ssh-rsa key fingerprint is 59:9e:90:48:f1:d7:6e:35:e8:d1:f6:1e:90:aa:a3:83:a0:6b:98:5a.

Are you sure you want to continue connecting (yes/no)? yes

installer@::ffff:192.168.156.37 password:

nc ERROR: Unable to authenticate to the remote server (all attempts via supported authentication methods failed).

cmd\_listen: Receiving SSH Call Home on port 4334 as user "installer" failed.

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> listen --ssh --login operator1

Waiting 60s for an SSH Call Home connection on port 4334...The authenticity of the host '::ffff:192.168.156.37' cannot be established.

ssh-rsa key fingerprint is 59:9e:90:48:f1:d7:6e:35:e8:d1:f6:1e:90:aa:a3:83:a0:6b:98:5a.

Are you sure you want to continue connecting (yes/no)? yes

operator1@::ffff:192.168.156.37 password:

nc ERROR: Unable to authenticate to the remote server (all attempts via supported authentication methods failed).

cmd\_listen: Receiving SSH Call Home on port 4334 as user "operator1" failed.

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##### SYSTEM LOGS #####
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Oct 29 23:57:44 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.
Oct 29 23:57:44 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).
Oct 29 23:57:45 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.
Oct 29 23:57:45 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).
Oct 29 23:57:46 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.
Oct 29 23:57:46 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).
Oct 29 23:57:47 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.
Oct 29 23:57:47 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).
Oct 29 23:57:48 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.
Oct 29 23:57:48 mcb1 daemon.info netopeer2-server[981]: Successfully connected to 192.168.156.187:4334 over IPv4.
Oct 29 23:57:48 mcb1 daemon.info netopeer2-server[981]: Session 119 (user "root", CID 1) created.
Oct 29 23:57:48 mcb1 daemon.info netopeer2-server[981]: Received an SSH message "request-service" of subtype "ssh-userauth".
Oct 29 23:57:48 mcb1 daemon.info netopeer2-server[981]: Received an SSH message "request-auth" of subtype "password".
Oct 29 23:57:48 mcb1 daemon.info netopeer2-server[981]: Failed user "observer" authentication attempt (#1).
Oct 29 23:57:49 mcb1 daemon.err netopeer2-server[981]: Communication SSH socket unexpectedly closed.
Oct 29 23:57:50 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.
Oct 29 23:57:50 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).
Oct 29 23:57:51 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.
Oct 29 23:57:51 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).
Oct 29 23:57:51 mcb1 user.notice SYNCMNGR[1310]: Received message from S-Plane
Oct 29 23:57:52 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.
Oct 29 23:57:52 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).
Oct 29 23:57:53 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.
Oct 29 23:57:53 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).
Oct 29 23:57:54 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.
Oct 29 23:57:54 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).
Oct 29 23:57:55 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.
Oct 29 23:57:55 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).
Oct 29 23:57:56 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.
Oct 29 23:57:56 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).
Oct 29 23:57:57 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.
Oct 29 23:57:57 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).
Oct 29 23:57:58 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.
Oct 29 23:57:58 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).
Oct 29 23:57:59 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.
Oct 29 23:57:59 mcb1 daemon.info netopeer2-server[981]: Successfully connected to 192.168.156.187:4334 over IPv4.
Oct 29 23:57:59 mcb1 daemon.info netopeer2-server[981]: Session 120 (user "root", CID 1) created.
Oct 29 23:57:59 mcb1 daemon.info netopeer2-server[981]: Received an SSH message "request-service" of subtype "ssh-userauth".
Oct 29 23:57:59 mcb1 daemon.info netopeer2-server[981]: Received an SSH message "request-auth" of subtype "password".
Oct 29 23:57:59 mcb1 daemon.info netopeer2-server[981]: Failed user "operator" authentication attempt (#1).
Oct 29 23:57:59 mcb1 daemon.err netopeer2-server[981]: Communication SSH socket unexpectedly closed.
Oct 29 23:58:00 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.
Oct 29 23:58:00 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).
Oct 29 23:58:01 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.
Oct 29 23:58:01 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).
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Oct 29 23:58:02 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:02 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:03 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:03 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:04 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:04 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:04 mcb1 user.notice wd\_manager[1442]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/fw\_manager  
Oct 29 23:58:04 mcb1 user.notice wd\_manager[1442]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/nw\_manager  
Oct 29 23:58:04 mcb1 user.notice wd\_manager[1442]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/operations\_manager  
Oct 29 23:58:04 mcb1 user.notice wd\_manager[1442]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/pm\_manager  
Oct 29 23:58:04 mcb1 user.notice wd\_manager[1442]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/um\_manager  
Oct 29 23:58:04 mcb1 user.notice wd\_manager[1442]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/sys\_monitor  
Oct 29 23:58:04 mcb1 user.notice wd\_manager[1442]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/fault\_manager  
Oct 29 23:58:04 mcb1 user.notice wd\_manager[1442]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/file\_manager  
Oct 29 23:58:04 mcb1 user.notice wd\_manager[1442]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/supervision  
Oct 29 23:58:04 mcb1 user.notice wd\_manager[1442]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/sync\_manager  
Oct 29 23:58:04 mcb1 user.notice wd\_manager[1442]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/ald\_controller  
Oct 29 23:58:04 mcb1 user.notice wd\_manager[1442]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/log\_manager  
Oct 29 23:58:04 mcb1 user.notice wd\_manager[1442]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/radio\_manager  
Oct 29 23:58:04 mcb1 user.notice wd\_manager[1442]: Value is 1 for Xpath /vvdn\_mcel-wdm:system-apps/cli\_manager  
Oct 29 23:58:05 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:05 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:05 mcb1 user.notice SYNCMNGR[1310]: Received message from S-Plane  
Oct 29 23:58:06 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:06 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:07 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:07 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:08 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:08 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:09 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:09 mcb1 daemon.info netopeer2-server[981]: Successfully connected to 192.168.156.187:4334 over IPv4.  
Oct 29 23:58:09 mcb1 daemon.info netopeer2-server[981]: Session 121 (user "root", CID 1) created.  
Oct 29 23:58:09 mcb1 daemon.info netopeer2-server[981]: Received an SSH message "request-service" of subtype "ssh-userauth".  
Oct 29 23:58:09 mcb1 daemon.info netopeer2-server[981]: Received an SSH message "request-auth" of subtype "password".  
Oct 29 23:58:09 mcb1 daemon.info netopeer2-server[981]: User "installerr" not found locally.  
Oct 29 23:58:09 mcb1 daemon.info netopeer2-server[981]: Failed user "installerr" authentication attempt (#1).  
Oct 29 23:58:09 mcb1 daemon.err netopeer2-server[981]: Communication SSH socket unexpectedly closed.  
Oct 29 23:58:10 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:10 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:11 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:11 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:12 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:12 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:13 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:13 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:14 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:14 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:15 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:15 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).



Oct 29 23:58:16 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:16 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:17 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:17 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:18 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:18 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:19 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:19 mcb1 daemon.info netopeer2-server[981]: Successfully connected to 192.168.156.187:4334 over IPv4.  
Oct 29 23:58:19 mcb1 daemon.info netopeer2-server[981]: Session 122 (user "root", CID 1) created.  
Oct 29 23:58:19 mcb1 daemon.info netopeer2-server[981]: Received an SSH message "request-service" of subtype "ssh-userauth".  
Oct 29 23:58:19 mcb1 daemon.info netopeer2-server[981]: Received an SSH message "request-auth" of subtype "password".  
Oct 29 23:58:19 mcb1 daemon.info netopeer2-server[981]: Failed user "installer" authentication attempt (#1).  
Oct 29 23:58:19 mcb1 daemon.err netopeer2-server[981]: Communication SSH socket unexpectedly closed.  
Oct 29 23:58:19 mcb1 user.notice SYNCMNGR[1310]: Received message from S-Plane  
Oct 29 23:58:20 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:20 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:21 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:21 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:22 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:22 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:23 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:23 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:24 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:24 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:25 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:25 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:26 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:26 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:27 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:27 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:28 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:28 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:29 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:29 mcb1 daemon.info netopeer2-server[981]: Successfully connected to 192.168.156.187:4334 over IPv4.  
Oct 29 23:58:29 mcb1 daemon.info netopeer2-server[981]: Session 123 (user "root", CID 1) created.  
Oct 29 23:58:29 mcb1 daemon.info netopeer2-server[981]: Received an SSH message "request-service" of subtype "ssh-userauth".  
Oct 29 23:58:29 mcb1 daemon.info netopeer2-server[981]: Received an SSH message "request-auth" of subtype "password".  
Oct 29 23:58:29 mcb1 daemon.info netopeer2-server[981]: User "operator1" not found locally.  
Oct 29 23:58:29 mcb1 daemon.info netopeer2-server[981]: Failed user "operator1" authentication attempt (#1).  
Oct 29 23:58:29 mcb1 daemon.err netopeer2-server[981]: Communication SSH socket unexpectedly closed.  
Oct 29 23:58:30 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:30 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:31 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:31 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:32 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:32 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:33 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:33 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:33 mcb1 user.notice SYNCMNGR[1310]: Received message from S-Plane

Oct 29 23:58:34 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:34 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:35 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:35 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:36 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:36 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:37 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:37 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:38 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:38 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).  
Oct 29 23:58:39 mcb1 auth.info sshd[9685]: Accepted password for operator from 192.168.156.187 port 47328 ssh2  
Oct 29 23:58:39 mcb1 authpriv.info sshd[9685]: pam\_unix(sshd:session): session opened for user operator by (uid=0)  
Oct 29 23:58:39 mcb1 daemon.info netopeer2-server[981]: Trying to connect via IPv4 to 192.168.156.187:4334.  
Oct 29 23:58:39 mcb1 daemon.info netopeer2-server[981]: getsockopt() error (Connection refused).



**Expected Result : The TER NETCONF Client and O-RU NETCONF Server exchange capabilities through NETCONF <hello> messages.**

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

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<b>Reject_SSH_Authentication_due_to_Incorrect_Credential</b>	<b>=</b>	<b>SUCCESS</b>
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