



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

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

**@ Software Release for MCB1: v1.0.5**

**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=4099<UP,BROADCAST,MULTICAST> mtu 1500  
inet 192.168.6.15 netmask 255.255.255.0 broadcast 192.168.6.255  
ether 64:9d:99:ff:f5:12 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

eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500  
inet 192.168.4.15 netmask 255.255.255.0 broadcast 192.168.4.255  
inet6 fe80::af68:bb13:894f:e285 prefixlen 64 scopeid 0x20<link>  
ether 64:9d:99:ff:f5:13 txqueuelen 1000 (Ethernet)  
RX packets 51373 bytes 23008617 (23.0 MB)  
RX errors 0 dropped 0 overruns 0 frame 0  
TX packets 43298 bytes 4478444 (4.4 MB)  
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 1690023 bytes 276322227 (276.3 MB)  
RX errors 0 dropped 0 overruns 0 frame 0  
TX packets 4106352 bytes 5875352937 (5.8 GB)  
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
device interrupt 16 memory 0xb1400000-b1420000

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 361266 bytes 5513933759 (5.5 GB)  
RX errors 0 dropped 0 overruns 0 frame 0  
TX packets 361266 bytes 5513933759 (5.5 GB)  
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 Wed 2022-12-14 16:44:02 IST; 1h 17min ago

Docs: man:dhcpd(8)

Main PID: 24693 (dhcpd)

Tasks: 1 (limit: 4915)

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

693 dhcpd -user dhcpd -group dhcpd -f -4 -pf /run/dhcp-server/dhcpd.pid -cf /etc/dhcp/dhcpd.conf eth1

Dec 14 17:56:38 vvdn dhcpd[24693]: DHCPOFFER on 192.168.4.39 to 98:ae:71:00:8a:c2 (mcb1) via eth1

Dec 14 17:56:38 vvdn dhcpd[24693]: reuse\_lease: lease age 943 (secs) under 25% threshold, reply with unaltered, existing lease for 192.168.4.39

Dec 14 17:56:38 vvdn dhcpd[24693]: DHCPREQUEST for 192.168.4.39 (192.168.4.15) from 98:ae:71:00:8a:c2 (mcb1) via eth1

Dec 14 17:56:38 vvdn dhcpd[24693]: DHCPACK on 192.168.4.39 to 98:ae:71:00:8a:c2 (mcb1) via eth1

Dec 14 17:59:02 vvdn dhcpd[24693]: reuse\_lease: lease age 1087 (secs) under 25% threshold, reply with unaltered, existing lease for 192.168.4.39

Dec 14 17:59:02 vvdn dhcpd[24693]: DHCPREQUEST for 192.168.4.39 from 98:ae:71:00:8a:c2 (mcb1) via eth1

Dec 14 17:59:02 vvdn dhcpd[24693]: DHCPACK on 192.168.4.39 to 98:ae:71:00:8a:c2 (mcb1) via eth1

Dec 14 18:01:27 vvdn dhcpd[24693]: reuse\_lease: lease age 1232 (secs) under 25% threshold, reply with unaltered, existing lease for 192.168.4.39

Dec 14 18:01:27 vvdn dhcpd[24693]: DHCPREQUEST for 192.168.4.39 from 98:ae:71:00:8a:c2 (mcb1) via eth1

Dec 14 18:01:27 vvdn dhcpd[24693]: DHCPACK on 192.168.4.39 to 98:ae:71:00:8a:c2 (mcb1) via eth1

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

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PING 192.168.4.39 (192.168.4.39) 56(84) bytes of data.

64 bytes from 192.168.4.39: icmp\_seq=1 ttl=64 time=0.156 ms

64 bytes from 192.168.4.39: icmp\_seq=2 ttl=64 time=0.171 ms

64 bytes from 192.168.4.39: icmp\_seq=3 ttl=64 time=0.174 ms

64 bytes from 192.168.4.39: icmp\_seq=4 ttl=64 time=0.184 ms

64 bytes from 192.168.4.39: icmp\_seq=5 ttl=64 time=0.185 ms

--- 192.168.4.39 ping statistics ---

5 packets transmitted, 5 received, 0% packet loss, time 4097ms

rtt min/avg/max/mdev = 0.156/0.174/0.185/0.010 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:192.168.4.39' cannot be established.

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

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

observer@::ffff:192.168.4.39 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:192.168.4.39' cannot be established.

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

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

operator@::ffff:192.168.4.39 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:192.168.4.39' cannot be established.

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

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

installerr@::ffff:192.168.4.39 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:192.168.4.39' cannot be established.

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

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

installer@::ffff:192.168.4.39 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:192.168.4.39' cannot be established.

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

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

operator1@::ffff:192.168.4.39 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 9 16:02:21 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 9 16:02:21 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).
Oct 9 16:02:22 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 9 16:02:22 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).
Oct 9 16:02:23 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 9 16:02:23 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).
Oct 9 16:02:24 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 9 16:02:24 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).
Oct 9 16:02:25 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 9 16:02:25 mcb1 daemon.info netopeer2-server[988]: Successfully connected to 192.168.4.15:4334 over IPv4.
Oct 9 16:02:25 mcb1 daemon.info netopeer2-server[988]: Session 72 (user "root", CID 1) created.
Oct 9 16:02:25 mcb1 daemon.info netopeer2-server[988]: Received an SSH message "request-service" of subtype "ssh-userauth".
Oct 9 16:02:25 mcb1 daemon.info netopeer2-server[988]: Received an SSH message "request-auth" of subtype "password".
Oct 9 16:02:25 mcb1 daemon.info netopeer2-server[988]: Failed user "observer" authentication attempt (#1).
Oct 9 16:02:25 mcb1 daemon.err netopeer2-server[988]: Communication SSH socket unexpectedly closed.
Oct 9 16:02:26 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 9 16:02:26 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).
Oct 9 16:02:27 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 9 16:02:27 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).
Oct 9 16:02:28 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 9 16:02:28 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).
Oct 9 16:02:29 mcb1 authpriv.info login[2142]: pam_unix(login:session): session opened for user root by LOGIN(uid=0)
Oct 9 16:02:29 mcb1 authpriv.notice login[2143]: ROOT LOGIN on '/dev/ttyPS0'
Oct 9 16:02:29 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 9 16:02:29 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).
Oct 9 16:02:30 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 9 16:02:30 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).
Oct 9 16:02:31 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 9 16:02:31 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).
Oct 9 16:02:32 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 9 16:02:32 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).
Oct 9 16:02:33 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 9 16:02:33 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).
Oct 9 16:02:34 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 9 16:02:34 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).
Oct 9 16:02:35 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 9 16:02:35 mcb1 daemon.info netopeer2-server[988]: Successfully connected to 192.168.4.15:4334 over IPv4.
Oct 9 16:02:35 mcb1 daemon.info netopeer2-server[988]: Session 73 (user "root", CID 1) created.
Oct 9 16:02:35 mcb1 daemon.info netopeer2-server[988]: Received an SSH message "request-service" of subtype "ssh-userauth".
Oct 9 16:02:35 mcb1 daemon.info netopeer2-server[988]: Received an SSH message "request-auth" of subtype "password".
Oct 9 16:02:35 mcb1 daemon.info netopeer2-server[988]: Failed user "operator" authentication attempt (#1).
Oct 9 16:02:35 mcb1 daemon.err netopeer2-server[988]: Communication SSH socket unexpectedly closed.
Oct 9 16:02:36 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 9 16:02:36 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).
Oct 9 16:02:37 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.
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Oct 9 16:02:37 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:38 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:38 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:39 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:39 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:40 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:40 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:41 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:41 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:42 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:42 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:43 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:43 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:44 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:44 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:45 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:45 mcb1 daemon.info netopeer2-server[988]: Successfully connected to 192.168.4.15:4334 over IPv4.

Oct 9 16:02:45 mcb1 daemon.info netopeer2-server[988]: Session 74 (user "root", CID 1) created.

Oct 9 16:02:45 mcb1 daemon.info netopeer2-server[988]: Received an SSH message "request-service" of subtype "ssh-userauth".

Oct 9 16:02:45 mcb1 daemon.info netopeer2-server[988]: Received an SSH message "request-auth" of subtype "password".

Oct 9 16:02:45 mcb1 daemon.info netopeer2-server[988]: User "installerr" not found locally.

Oct 9 16:02:45 mcb1 daemon.info netopeer2-server[988]: Failed user "installerr" authentication attempt (#1).

Oct 9 16:02:45 mcb1 daemon.err netopeer2-server[988]: Communication SSH socket unexpectedly closed.

Oct 9 16:02:46 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:46 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:47 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:47 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:48 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:48 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:49 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:49 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:50 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:50 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:51 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:51 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:52 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:52 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:53 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:53 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:54 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:54 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:55 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:55 mcb1 daemon.info netopeer2-server[988]: Successfully connected to 192.168.4.15:4334 over IPv4.

Oct 9 16:02:55 mcb1 daemon.info netopeer2-server[988]: Session 75 (user "root", CID 1) created.

Oct 9 16:02:55 mcb1 daemon.info netopeer2-server[988]: Received an SSH message "request-service" of subtype "ssh-userauth".

Oct 9 16:02:55 mcb1 daemon.info netopeer2-server[988]: Received an SSH message "request-auth" of subtype "password".

Oct 9 16:02:55 mcb1 daemon.info netopeer2-server[988]: Failed user "installer" authentication attempt (#1).

Oct 9 16:02:55 mcb1 daemon.err netopeer2-server[988]: Communication SSH socket unexpectedly closed.

Oct 9 16:02:56 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.



Oct 9 16:02:56 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:57 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:57 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:58 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:58 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:59 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:59 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:03:00 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:03:00 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:03:01 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:03:01 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:03:02 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:03:02 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:03:03 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:03:03 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:03:04 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:03:04 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:03:05 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:03:05 mcb1 daemon.info netopeer2-server[988]: Successfully connected to 192.168.4.15:4334 over IPv4.

Oct 9 16:03:05 mcb1 daemon.info netopeer2-server[988]: Session 76 (user "root", CID 1) created.

Oct 9 16:03:05 mcb1 daemon.info netopeer2-server[988]: Received an SSH message "request-service" of subtype "ssh-userauth".

Oct 9 16:03:05 mcb1 daemon.info netopeer2-server[988]: Received an SSH message "request-auth" of subtype "password".

Oct 9 16:03:05 mcb1 daemon.info netopeer2-server[988]: User "operator1" not found locally.

Oct 9 16:03:05 mcb1 daemon.info netopeer2-server[988]: Failed user "operator1" authentication attempt (#1).

Oct 9 16:03:05 mcb1 daemon.err netopeer2-server[988]: Communication SSH socket unexpectedly closed.

Oct 9 16:03:06 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:03:06 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:03:07 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:03:07 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:03:08 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:03:08 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:03:09 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:03:09 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:03:10 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:03:10 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:03:11 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:03:11 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:03:12 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:03:12 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:03:13 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:03:13 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:03:14 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:03:14 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:03:15 mcb1 user.info kernel: [ 114.303230] device eth1 entered promiscuous mode

Oct 9 16:02:38 mcb1 authpriv.debug sshd[2668]: pam\_unix(sshd:account): account operator has password changed in future

Oct 9 16:02:38 mcb1 auth.info sshd[2668]: Accepted password for operator from 192.168.4.15 port 43314 ssh2

Oct 9 16:02:38 mcb1 daemon.info netopeer2-server[988]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 9 16:02:38 mcb1 daemon.info netopeer2-server[988]: getsockopt() error (Connection refused).

Oct 9 16:02:38 mcb1 authpriv.info sshd[2668]: pam\_unix(sshd:session): session opened for user operator by (uid=0)

**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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