



@ FILE NAME: M_CTC_ID_003.txt

@ TEST SCOPE: M PLANE O-RAN CONFORMANCE

@ Software Release for MCB1: v1.0.4

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.

Interfaces Present in DU Side

eth0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
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
ether 64:9d:99:ff:f5:13 txqueuelen 1000 (Ethernet)
RX packets 1018 bytes 247062 (247.0 KB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 958 bytes 128255 (128.2 KB)
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 7647 bytes 1850816 (1.8 MB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 4462 bytes 491888 (491.8 KB)
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 1338 bytes 106836 (106.8 KB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 1338 bytes 106836 (106.8 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 Wed 2022-12-07 13:29:24 IST; 7min ago

Docs: man:dhcpd(8)

Main PID: 2775 (dhcpd)

Tasks: 1 (limit: 4915)

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

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

Dec 07 13:29:24 vvdn sh[2775]: Listening on LPF/eth1/64:9d:99:ff:f5:13/192.168.4.0/24

Dec 07 13:29:24 vvdn sh[2775]: Sending on LPF/eth1/64:9d:99:ff:f5:13/192.168.4.0/24

Dec 07 13:29:24 vvdn sh[2775]: Sending on Socket/fallback/fallback-net

Dec 07 13:29:24 vvdn dhcpd[2775]: Sending on LPF/eth1/64:9d:99:ff:f5:13/192.168.4.0/24

Dec 07 13:29:24 vvdn dhcpd[2775]: Sending on Socket/fallback/fallback-net

Dec 07 13:29:24 vvdn dhcpd[2775]: Server starting service.

Dec 07 13:31:35 vvdn dhcpd[2775]: DHCPDISCOVER from 98:ae:71:00:8a:c2 via eth1

Dec 07 13:31:36 vvdn dhcpd[2775]: DHCPOFFER on 192.168.4.37 to 98:ae:71:00:8a:c2 (mcb1) via eth1

Dec 07 13:31:36 vvdn dhcpd[2775]: DHCPREQUEST for 192.168.4.37 (192.168.4.15) from 98:ae:71:00:8a:c2 (mcb1) via eth1

Dec 07 13:31:36 vvdn dhcpd[2775]: DHCPACK on 192.168.4.37 to 98:ae:71:00:8a:c2 (mcb1) via eth1

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Pinging

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PING 192.168.4.37 (192.168.4.37) 56(84) bytes of data.

64 bytes from 192.168.4.37: icmp_seq=1 ttl=64 time=0.140 ms

64 bytes from 192.168.4.37: icmp_seq=2 ttl=64 time=0.185 ms

64 bytes from 192.168.4.37: icmp_seq=3 ttl=64 time=0.197 ms

64 bytes from 192.168.4.37: icmp_seq=4 ttl=64 time=0.153 ms

64 bytes from 192.168.4.37: icmp_seq=5 ttl=64 time=0.109 ms

--- 192.168.4.37 ping statistics ---

5 packets transmitted, 5 received, 0% packet loss, time 4088ms

rtt min/avg/max/mdev = 0.109/0.156/0.197/0.035 ms

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

> listen --ssh --login observer

Waiting 60s for an SSH Call Home connection on port 4334...The authenticity of the host '::ffff:192.168.4.37' 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:192.168.4.37 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.

> listen --ssh --login operator

Waiting 60s for an SSH Call Home connection on port 4334...The authenticity of the host '::ffff:192.168.4.37' 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:192.168.4.37 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.

> listen --ssh --login installerr

Waiting 60s for an SSH Call Home connection on port 4334...The authenticity of the host '::ffff:192.168.4.37' 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:192.168.4.37 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.

> listen --ssh --login installer

Waiting 60s for an SSH Call Home connection on port 4334...The authenticity of the host '::ffff:192.168.4.37' 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:192.168.4.37 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.

> listen --ssh --login operator1

Waiting 60s for an SSH Call Home connection on port 4334...The authenticity of the host '::ffff:192.168.4.37' 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:192.168.4.37 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 23:57:27 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:57:27 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:57:28 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:57:28 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:57:29 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:57:29 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:57:30 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:57:30 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:57:31 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:57:31 mcb1 daemon.info netopeer2-server[986]: Successfully connected to 192.168.4.15:4334 over IPv4.

Oct 29 23:57:31 mcb1 daemon.info netopeer2-server[986]: Session 85 (user "root", CID 1) created.

Oct 29 23:57:31 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-service" of subtype "ssh-userauth".

Oct 29 23:57:31 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-auth" of subtype "password".

Oct 29 23:57:31 mcb1 daemon.info netopeer2-server[986]: Failed user "observer" authentication attempt (#1).

Oct 29 23:57:32 mcb1 daemon.err netopeer2-server[986]: Communication SSH socket unexpectedly closed.

Oct 29 23:57:33 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:57:33 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:57:34 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:57:34 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:57:35 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:57:35 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:57:36 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:57:36 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:57:36 mcb1 user.notice SYNCMNGR[1304]: Received message from S-Plane

Oct 29 23:57:37 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:57:37 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:57:38 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:57:38 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:57:39 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:57:39 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:57:40 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:57:40 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:57:41 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:57:41 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:57:42 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:57:42 mcb1 daemon.info netopeer2-server[986]: Successfully connected to 192.168.4.15:4334 over IPv4.

Oct 29 23:57:42 mcb1 daemon.info netopeer2-server[986]: Session 86 (user "root", CID 1) created.

Oct 29 23:57:42 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-service" of subtype "ssh-userauth".

Oct 29 23:57:42 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-auth" of subtype "password".

Oct 29 23:57:42 mcb1 daemon.info netopeer2-server[986]: Failed user "operator" authentication attempt (#1).

Oct 29 23:57:42 mcb1 daemon.err netopeer2-server[986]: Communication SSH socket unexpectedly closed.

Oct 29 23:57:43 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:57:43 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:57:44 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:57:44 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:57:45 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:57:45 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:57:46 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:57:46 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:57:47 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:57:47 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:57:48 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:57:48 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:57:49 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:57:49 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:57:50 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:57:50 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:57:50 mcb1 user.notice SYNCMNGR[1304]: Received message from S-Plane
Oct 29 23:57:51 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:57:51 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:57:52 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:57:52 mcb1 daemon.info netopeer2-server[986]: Successfully connected to 192.168.4.15:4334 over IPv4.
Oct 29 23:57:52 mcb1 daemon.info netopeer2-server[986]: Session 87 (user "root", CID 1) created.
Oct 29 23:57:52 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-service" of subtype "ssh-userauth".
Oct 29 23:57:52 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-auth" of subtype "password".
Oct 29 23:57:52 mcb1 daemon.info netopeer2-server[986]: User "installerr" not found locally.
Oct 29 23:57:52 mcb1 daemon.info netopeer2-server[986]: Failed user "installerr" authentication attempt (#1).
Oct 29 23:57:52 mcb1 daemon.err netopeer2-server[986]: Communication SSH socket unexpectedly closed.
Oct 29 23:57:53 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:57:53 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:57:54 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:57:54 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:57:55 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:57:55 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:57:56 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:57:56 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:57:56 mcb1 user.notice wd_manager[1437]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/fw_manager
Oct 29 23:57:56 mcb1 user.notice wd_manager[1437]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/nw_manager
Oct 29 23:57:56 mcb1 user.notice wd_manager[1437]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/operations_manager
Oct 29 23:57:56 mcb1 user.notice wd_manager[1437]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/pm_manager
Oct 29 23:57:56 mcb1 user.notice wd_manager[1437]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/um_manager
Oct 29 23:57:56 mcb1 user.notice wd_manager[1437]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/sys_monitor
Oct 29 23:57:56 mcb1 user.notice wd_manager[1437]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/fault_manager
Oct 29 23:57:56 mcb1 user.notice wd_manager[1437]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/file_manager
Oct 29 23:57:56 mcb1 user.notice wd_manager[1437]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/supervision
Oct 29 23:57:56 mcb1 user.notice wd_manager[1437]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/sync_manager
Oct 29 23:57:56 mcb1 user.notice wd_manager[1437]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/ald_controller
Oct 29 23:57:56 mcb1 user.notice wd_manager[1437]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/log_manager
Oct 29 23:57:56 mcb1 user.notice wd_manager[1437]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/radio_manager
Oct 29 23:57:56 mcb1 user.notice wd_manager[1437]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/cli_manager
Oct 29 23:57:57 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:57:57 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:57:58 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:57:58 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:57:59 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:57:59 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:58:00 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:58:00 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:58:01 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:58:01 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:58:02 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:58:02 mcb1 daemon.info netopeer2-server[986]: Successfully connected to 192.168.4.15:4334 over IPv4.
Oct 29 23:58:02 mcb1 daemon.info netopeer2-server[986]: Session 88 (user "root", CID 1) created.
Oct 29 23:58:02 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-service" of subtype "ssh-userauth".
Oct 29 23:58:02 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-auth" of subtype "password".
Oct 29 23:58:02 mcb1 daemon.info netopeer2-server[986]: Failed user "installer" authentication attempt (#1).
Oct 29 23:58:02 mcb1 daemon.err netopeer2-server[986]: Communication SSH socket unexpectedly closed.
Oct 29 23:58:03 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:58:03 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:58:04 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:58:04 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:58:04 mcb1 user.notice SYNCMNGR[1304]: Received message from S-Plane
Oct 29 23:58:05 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:58:05 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:58:06 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:58:06 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:58:07 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:58:07 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:58:08 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:58:08 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:58:09 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:58:09 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:58:10 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:58:10 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:58:11 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:58:11 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:58:12 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:58:12 mcb1 daemon.info netopeer2-server[986]: Successfully connected to 192.168.4.15:4334 over IPv4.
Oct 29 23:58:12 mcb1 daemon.info netopeer2-server[986]: Session 89 (user "root", CID 1) created.
Oct 29 23:58:12 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-service" of subtype "ssh-userauth".
Oct 29 23:58:12 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-auth" of subtype "password".
Oct 29 23:58:12 mcb1 daemon.info netopeer2-server[986]: User "operator1" not found locally.
Oct 29 23:58:12 mcb1 daemon.info netopeer2-server[986]: Failed user "operator1" authentication attempt (#1).
Oct 29 23:58:12 mcb1 daemon.err netopeer2-server[986]: Communication SSH socket unexpectedly closed.
Oct 29 23:58:13 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:58:13 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:58:14 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:58:14 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:58:15 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:58:15 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:58:16 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.
Oct 29 23:58:16 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).
Oct 29 23:58:17 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:58:17 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:58:18 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:58:18 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:58:18 mcb1 user.notice SYNCMNGR[1304]: Received message from S-Plane

Oct 29 23:58:19 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:58:19 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:58:20 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:58:20 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:58:21 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:58:21 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (Connection refused).

Oct 29 23:58:22 mcb1 auth.info sshd[6044]: Accepted password for operator from 192.168.4.15 port 50534 ssh2

Oct 29 23:58:22 mcb1 authpriv.info sshd[6044]: pam_unix(sshd:session): session opened for user operator by (uid=0)

Oct 29 23:58:22 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4334.

Oct 29 23:58:22 mcb1 daemon.info netopeer2-server[986]: 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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Reject_SSH_Authentication_due_to_Incorrect_Credential	=	SUCCESS
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