@ FILE NAME: M_CTC_ID_002.txt

@ TEST SCOPE: M PLANE O-RAN CONFORMANCE

@ Software Release for MCB1:   v1.0.7

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 does not trigger a SSH session establishment in reaction to Call Home initiated by THE O-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 21 bytes 3427 (3.4 KB)
        RX errors 0 dropped 0 overruns 0 frame 0
        TX packets 49 bytes 6102 (6.1 KB)
        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 62487 bytes 26776495 (26.7 MB)
        RX errors 0 dropped 0 overruns 0 frame 0
        TX packets 47835 bytes 3873464 (3.8 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 821101 bytes 120223001 (120.2 MB)
        RX errors 0 dropped 0 overruns 0 frame 0
        TX packets 1296553 bytes 1502070468 (1.5 GB)
        TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
        device interrupt 16 memory 0xb1400000-b1420000

eth1.36: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
        inet 192.168.3.15 netmask 255.255.255.0 broadcast 192.168.3.255
        inet6 fe80::669d:99ff:feff:f513 prefixlen 64 scopeid 0x20<link>
        ether 64:9d:99:ff:f5:13 txqueuelen 1000 (Ethernet)
        RX packets 29549 bytes 19563614 (19.5 MB)
        RX errors 0 dropped 0 overruns 0 frame 0
        TX packets 21049 bytes 2041650 (2.0 MB)
        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 378288 bytes 8279162680 (8.2 GB)
        RX errors 0 dropped 0 overruns 0 frame 0
        TX packets 378288 bytes 8279162680 (8.2 GB)
        TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

==

DHCP Status

==

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 Tue 2023-01-24 10:48:33 IST; 6h ago

 Docs: man:dhcpd(8)

 Main PID: 10024 (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 eth1.36

Jan 24 15:48:25 vvdn dhcpd[10024]: Wrote 0 class decls to leases file.

Jan 24 15:48:25 vvdn dhcpd[10024]: Wrote 39 leases to leases file.

Jan 24 15:48:25 vvdn dhcpd[10024]: DHCPREQUEST for 192.168.3.38 from 98:ae:71:00:8a:c2 (mcb1) via eth1.36

Jan 24 15:48:25 vvdn dhcpd[10024]: DHCPACK on 192.168.3.38 to 98:ae:71:00:8a:c2 (mcb1) via eth1.36

Jan 24 16:41:36 vvdn dhcpd[10024]: DHCPREQUEST for 192.168.3.38 from 98:ae:71:00:8a:c2 (mcb1) via eth1.36

Jan 24 16:41:36 vvdn dhcpd[10024]: DHCPACK on 192.168.3.38 to 98:ae:71:00:8a:c2 (mcb1) via eth1.36

Jan 24 17:29:16 vvdn dhcpd[10024]: Wrote 0 class decls to leases file.

Jan 24 17:29:16 vvdn dhcpd[10024]: Wrote 39 leases to leases file.

Jan 24 17:29:16 vvdn dhcpd[10024]: DHCPREQUEST for 192.168.3.38 from 98:ae:71:00:8a:c2 (mcb1) via eth1.36

Jan 24 17:29:16 vvdn dhcpd[10024]: DHCPACK on 192.168.3.38 to 98:ae:71:00:8a:c2 (mcb1) via eth1.36

==

Pinging

==

PING 192.168.3.38 (192.168.3.38) 56(84) bytes of data.

64 bytes from 192.168.3.38: icmp_seq=1 ttl=64 time=0.123 ms

64 bytes from 192.168.3.38: icmp_seq=2 ttl=64 time=0.198 ms

64 bytes from 192.168.3.38: icmp_seq=3 ttl=64 time=0.209 ms

64 bytes from 192.168.3.38: icmp_seq=4 ttl=64 time=0.190 ms

64 bytes from 192.168.3.38: icmp_seq=5 ttl=64 time=0.204 ms

--- 192.168.3.38 ping statistics ---

5 packets transmitted, 5 received, 0% packet loss, time 4075ms

rtt min/avg/max/mdev = 0.123/0.184/0.209/0.035 ms

==

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

==

Error occured in line number 111timed out

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

Nov 4 02:36:56 mcb1 user.notice SYNCMNGR[1305]: Received message from S-Plane

Nov 4 02:36:56 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:36:56 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:36:57 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:36:57 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:36:58 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:36:58 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:36:59 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:36:59 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:00 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:00 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:01 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:01 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:02 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:02 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:02 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:02 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

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Nov 4 02:37:02 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:03 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:03 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:04 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:04 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:05 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:05 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:06 mcb1 user.notice SYNCMNGR[1305]: Received message from S-Plane

Nov 4 02:37:06 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:06 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:07 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:07 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:08 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:08 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:09 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:09 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:10 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/fw_manager

Nov 4 02:37:10 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/nw_manager

Nov 4 02:37:10 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/operations_manager

Nov 4 02:37:10 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/pm_manager

Nov 4 02:37:10 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/um_manager

Nov 4 02:37:10 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/sys_monitor

Nov 4 02:37:10 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/fault_manager

Nov 4 02:37:10 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/file_manager

Nov 4 02:37:10 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/supervision

Nov 4 02:37:10 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/sync_manager

Nov 4 02:37:10 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/ald_controller

Nov 4 02:37:10 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/log_manager

Nov 4 02:37:10 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/radio_manager

Nov 4 02:37:10 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/cli_manager

Nov 4 02:37:10 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:10 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:11 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:11 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:12 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:12 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:12 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:12 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:12 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:12 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:12 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:12 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:12 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:12 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:13 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:13 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:14 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:14 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:15 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:15 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:16 mcb1 user.notice SYNCMNGR[1305]: Received message from S-Plane

Nov 4 02:37:16 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:16 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:17 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:17 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:18 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:18 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:19 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:19 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:20 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:20 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:21 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:21 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:22 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:22 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:22 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:22 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:22 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:22 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:22 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:22 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:22 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:22 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:22 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:23 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:23 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:24 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:24 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:25 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:25 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:26 mcb1 user.notice SYNCMNGR[1305]: Received message from S-Plane

Nov 4 02:37:26 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:26 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:27 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:27 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:28 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:28 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:29 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:29 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:30 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:30 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:31 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:31 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:32 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:32 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:32 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:32 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

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Nov 4 02:37:32 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:33 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:33 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:34 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:34 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:35 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:35 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:36 mcb1 user.notice SYNCMNGR[1305]: Received message from S-Plane

Nov 4 02:37:36 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:36 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:37 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:37 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:38 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:38 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:39 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:39 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:40 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:40 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:41 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:41 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:42 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:42 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:42 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:42 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:42 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

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Nov 4 02:37:42 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:43 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:37:43 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:37:43 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:37:43 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:37:43 mcb1 daemon.info netopeer2-server[984]: Published event "rpc" "/ietf-netconf:edit-config" with ID 25 priority 0 for 1 subscribers.

Nov 4 02:37:43 mcb1 daemon.info netopeer2-server[984]: Processing "/ietf-netconf:edit-config" "rpc" event with ID 25 priority 0 (remaining 1 subscribers).

Nov 4 02:37:43 mcb1 daemon.info netopeer2-server[984]: edit-config error-option "stop-on-error" not supported, rollback-on-error will be performed.

Nov 4 02:37:43 mcb1 daemon.info netopeer2-server[984]: Resolving unresolved data nodes and their constraints...

Nov 4 02:37:43 mcb1 daemon.info netopeer2-server[984]: All data nodes and constraints resolved.

Nov 4 02:37:43 mcb1 daemon.info netopeer2-server[984]: Published event "change" "o-ran-uplane-conf" with ID 2 priority 0 for 6 subscribers.

Nov 4 02:37:43 mcb1 user.notice UPLANECONF[1317]: @function:uplane_module_change_cb line:2063 EVENT change CHANGES: /o-ran-uplane-conf:user-plane-configuration/low-level-rx-endpoints

Nov 4 02:37:43 mcb1 user.notice UPLANECONF[1317]: @function:uplane_module_change_cb line:2619 FPGA | llrx-ep-eaxc-id : 2

Nov 4 02:37:43 mcb1 user.err UPLANECONF[1317]: @function:uplane_module_change_cb line:2644 Duplicate value found for eaxc-id !!

Nov 4 02:37:43 mcb1 user.info operations-manager[1317]: commBwSystemMonitor : CMD SENT TO SYS_MON SUCCESSFULLY

Nov 4 02:37:43 mcb1 user.info FAULT MANAGER[998]: sendData : Source ID: 30

Nov 4 02:37:43 mcb1 user.info FAULT MANAGER[998]: sendData : Fault ID: 11

Nov 4 02:37:43 mcb1 user.info FAULT MANAGER[998]: sendData : FAULT_IS_CLEARED: False

Nov 4 02:37:43 mcb1 user.info FAULT MANAGER[998]: sendData : FAULT_SEVERITY: 3

Nov 4 02:37:43 mcb1 user.info FAULT MANAGER[998]: sendData : FAULT_TIME: 2000-11-04T02:37:43Z

Nov 4 02:37:43 mcb1 daemon.err netopeer2-server[984]: [operation-not-supported]Duplicate value '2' found for eaxc-id

Nov 4 02:37:43 mcb1 daemon.warn netopeer2-server[984]: Event "change" with ID 2 priority 0 failed (Operation failed).

Nov 4 02:37:43 mcb1 daemon.info netopeer2-server[984]: Published event "abort" "o-ran-uplane-conf" with ID 2 priority 0 for 5 subscribers.

Nov 4 02:37:43 mcb1 daemon.info netopeer2-server[984]: Failed processing of "rpc" event with ID 25 priority 0 (remaining 1 subscribers).

Nov 4 02:37:43 mcb1 daemon.err netopeer2-server[984]: [operation-not-supported]Duplicate value '2' found for eaxc-id

Nov 4 02:37:43 mcb1 daemon.warn netopeer2-server[984]: Event "rpc" with ID 25 priority 0 failed (User callback failed).

Nov 4 02:37:43 mcb1 daemon.err netopeer2-server[984]: Failed to send an RPC (User callback failed).

Nov 4 02:37:43 mcb1 daemon.info netopeer2-server[984]: Session 15: thread 1 event new RPC.

Nov 4 02:37:43 mcb1 daemon.info netopeer2-server[984]: Session 15: thread 1 event reply error.

Nov 4 02:37:43 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:43 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:44 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:44 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:45 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:45 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:46 mcb1 user.notice SYNCMNGR[1305]: Received message from S-Plane

Nov 4 02:37:46 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:46 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:47 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:47 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:48 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:48 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:49 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:49 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:50 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:50 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:51 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:51 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:52 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:52 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

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Nov 4 02:37:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:52 mcb1 user.warn pm_manager[1372]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...

Nov 4 02:37:53 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/fw_manager

Nov 4 02:37:53 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/nw_manager

Nov 4 02:37:53 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/operations_manager

Nov 4 02:37:53 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/pm_manager

Nov 4 02:37:53 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/um_manager

Nov 4 02:37:53 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/sys_monitor

Nov 4 02:37:53 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/fault_manager

Nov 4 02:37:53 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/file_manager

Nov 4 02:37:53 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/supervision

Nov 4 02:37:53 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/sync_manager

Nov 4 02:37:53 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/ald_controller

Nov 4 02:37:53 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/log_manager

Nov 4 02:37:53 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/radio_manager

Nov 4 02:37:53 mcb1 user.notice wd_manager[1441]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/cli_manager

Nov 4 02:37:53 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:53 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:54 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:54 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:55 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:55 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:56 mcb1 user.notice SYNCMNGR[1305]: Received message from S-Plane

Nov 4 02:37:56 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:56 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:57 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:57 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:58 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:58 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:37:59 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:37:59 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:38:00 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:38:00 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:38:01 mcb1 daemon.info netopeer2-server[984]: Session 15: thread 0 event new RPC.

Nov 4 02:38:01 mcb1 daemon.info netopeer2-server[984]: Session 15: thread 0 event session terminated.

Nov 4 02:38:01 mcb1 daemon.info netopeer2-server[984]: There are no subscribers for "ietf-netconf-notifications" notifications.

Nov 4 02:38:01 mcb1 daemon.info netopeer2-server[984]: Generated new event (netconf-session-end).

Nov 4 02:38:01 mcb1 daemon.info netopeer2-server[984]: Trying to connect via IPv4 to 192.168.4.15:4336.

Nov 4 02:38:01 mcb1 daemon.err netopeer2-server[984]: connect() failed (Network is unreachable).

Nov 4 02:38:02 mcb1 authpriv.debug sshd[4736]: pam_unix(sshd:account): account operator has password changed in future

Nov 4 02:38:02 mcb1 auth.info sshd[4736]: Accepted password for operator from 192.168.3.15 port 52446 ssh2

Nov 4 02:38:02 mcb1 authpriv.info sshd[4736]: 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.

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


==========================================================================
****************** FAIL_REASON ******************
==========================================================================
timed out
==========================================================================
```

Transport and Handshake in IPv4 Environment (negative case: refuse SSH Connection)   = FAIL

```
==========================================================================
```