



@ FILE NAME: M_CTC_ID_003_.txt

@ TEST SCOPE: M PLANE O-RAN CONFORMANCE

@ Software Release for Garuda_RevD: v5.0.0

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=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:b1:7e:62 txqueuelen 1000 (Ethernet)

RX packets 152498 bytes 72555333 (72.5 MB)

RX errors 0 dropped 0 overruns 0 frame 0

TX packets 366570 bytes 417502518 (417.5 MB)

TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500

inet 172.17.95.65 netmask 255.255.240.0 broadcast 172.17.95.255

inet6 fe80::c497:d862:b9f8:4409 prefixlen 64 scopeid 0x20<link>

ether 4c:d9:8f:69:23:2b txqueuelen 1000 (Ethernet)

RX packets 596873 bytes 269281850 (269.2 MB)

RX errors 0 dropped 0 overruns 0 frame 0

TX packets 398513 bytes 237355908 (237.3 MB)

TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

device interrupt 17

eth2: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500

ether 64:9d:99:b1:7e:63 txqueuelen 1000 (Ethernet)

RX packets 15 bytes 3516 (3.5 KB)

RX errors 0 dropped 0 overruns 0 frame 0

TX packets 54 bytes 4958 (4.9 KB)

TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

eth3: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500

ether 4c:d9:8f:69:23:2c 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

device interrupt 18

eth0.22: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500

inet 192.168.74.67 netmask 255.255.255.0 broadcast 192.168.74.255

inet6 fe80::669d:99ff:feb1:7e62 prefixlen 64 scopeid 0x20<link>

ether 64:9d:99:b1:7e:62 txqueuelen 1000 (Ethernet)

RX packets 2047 bytes 1195954 (1.1 MB)

RX errors 0 dropped 0 overruns 0 frame 0

TX packets 2119 bytes 266468 (266.4 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 169578 bytes 15133828 (15.1 MB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 169578 bytes 15133828 (15.1 MB)
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 2022-08-02 16:28:38 IST; 11min ago
Docs: man:dhcpcd(8)
Main PID: 32661 (dhcpcd)
Tasks: 1 (limit: 4915)
CGroup: /system.slice/isc-dhcp-server.service
└─32661 dhcpcd -user dhcpcd -group dhcpcd -f -4 -pf /run/dhcp-server/dhcpcd.pid -cf /etc/dhcp/dhcpcd.conf eth0.22
```

```
Aug 02 16:29:31 vvdn dhcpcd[32661]: DHCPDISCOVER from 98:ae:71:01:64:d8 via eth0.22
Aug 02 16:29:32 vvdn dhcpcd[32661]: DHCPOFFER on 192.168.74.37 to 98:ae:71:01:64:d8 (garuda) via eth0.22
Aug 02 16:29:32 vvdn dhcpcd[32661]: DHCPREQUEST for 192.168.74.37 (192.168.74.67) from 98:ae:71:01:64:d8 (garuda) via eth0.22
Aug 02 16:29:32 vvdn dhcpcd[32661]: DHCPACK on 192.168.74.37 to 98:ae:71:01:64:d8 (garuda) via eth0.22
Aug 02 16:29:33 vvdn dhcpcd[32661]: reuse_lease: lease age 1 (secs) under 25% threshold, reply with unaltered, existing lease for 192.168.74.37
Aug 02 16:29:33 vvdn dhcpcd[32661]: DHCPDISCOVER from 98:ae:71:01:64:d8 (garuda) via eth0.22
Aug 02 16:29:33 vvdn dhcpcd[32661]: DHCPOFFER on 192.168.74.37 to 98:ae:71:01:64:d8 (garuda) via eth0.22
Aug 02 16:29:33 vvdn dhcpcd[32661]: reuse_lease: lease age 1 (secs) under 25% threshold, reply with unaltered, existing lease for 192.168.74.37
Aug 02 16:29:33 vvdn dhcpcd[32661]: DHCPREQUEST for 192.168.74.37 (192.168.74.67) from 98:ae:71:01:64:d8 (garuda) via eth0.22
Aug 02 16:29:33 vvdn dhcpcd[32661]: DHCPACK on 192.168.74.37 to 98:ae:71:01:64:d8 (garuda) via eth0.22
```

Pinging

```
PING 192.168.74.37 (192.168.74.37) 56(84) bytes of data.
64 bytes from 192.168.74.37: icmp_seq=1 ttl=64 time=0.154 ms
64 bytes from 192.168.74.37: icmp_seq=2 ttl=64 time=0.204 ms
64 bytes from 192.168.74.37: icmp_seq=3 ttl=64 time=0.219 ms
64 bytes from 192.168.74.37: icmp_seq=4 ttl=64 time=0.158 ms
64 bytes from 192.168.74.37: icmp_seq=5 ttl=64 time=0.188 ms
```

```
--- 192.168.74.37 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4086ms
rtt min/avg/max/mdev = 0.154/0.184/0.219/0.029 ms
```

=====

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

=====

> listen --ssh --login observer

Waiting 60s for an SSH Call Home connection on port 4334...The authenticity of the host '::ffff:192.168.74.37' 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:192.168.74.37 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:192.168.74.37' 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:192.168.74.37 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 installer

Waiting 60s for an SSH Call Home connection on port 4334...The authenticity of the host '::ffff:192.168.74.37' 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:192.168.74.37 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 installer1

Waiting 60s for an SSH Call Home connection on port 4334...The authenticity of the host '::ffff:192.168.74.37' 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

installer1@::ffff:192.168.74.37 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 "installer1" failed.

> listen --ssh --login operator1

Waiting 60s for an SSH Call Home connection on port 4334...The authenticity of the host '::ffff:192.168.74.37' 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:192.168.74.37 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.

SYSTEM LOGS

```
Jul 28 10:04:34 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:34 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:04:35 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:35 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:04:36 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:36 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:04:37 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:37 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:04:38 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:38 garuda daemon.info netopeer2-server[849]: Successfully connected to 192.168.74.67:4334 over IPv4.
Jul 28 10:04:38 garuda daemon.info netopeer2-server[849]: Session 251 (user "root", CID 1) created.
Jul 28 10:04:38 garuda daemon.info netopeer2-server[849]: Received an SSH message "request-service" of subtype "ssh-userauth".
Jul 28 10:04:38 garuda daemon.info netopeer2-server[849]: Received an SSH message "request-auth" of subtype "password".
Jul 28 10:04:38 garuda daemon.info netopeer2-server[849]: Failed user "observer" authentication attempt (#1).
Jul 28 10:04:38 garuda daemon.err netopeer2-server[849]: Communication SSH socket unexpectedly closed.
Jul 28 10:04:39 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:39 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:04:40 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:40 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:04:41 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:41 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:04:42 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:42 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:04:43 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:43 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:04:44 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:44 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:04:45 garuda user.notice SYNCMNGR[1162]: Received message from S-Plane
Jul 28 10:04:45 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:45 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:04:46 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:46 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:04:47 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:47 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:04:48 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:48 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:04:49 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:49 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:04:50 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:50 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:04:51 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:04:51 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:04:52 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
```

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[illegible]

[illegible]

Jul 28 10:06:00 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:01 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:01 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:02 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:02 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:03 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:03 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:04 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:04 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:05 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:05 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:06 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:06 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:07 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:07 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:08 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:08 garuda daemon.info netopeer2-server[849]: Successfully connected to 192.168.74.67:4334 over IPv4.

Jul 28 10:06:08 garuda daemon.info netopeer2-server[849]: Session 252 (user "root", CID 1) created.

Jul 28 10:06:08 garuda daemon.info netopeer2-server[849]: Received an SSH message "request-service" of subtype "ssh-userauth".

Jul 28 10:06:08 garuda daemon.info netopeer2-server[849]: Received an SSH message "request-auth" of subtype "password".

Jul 28 10:06:08 garuda daemon.info netopeer2-server[849]: Failed user "operator" authentication attempt (#1).

Jul 28 10:06:08 garuda daemon.err netopeer2-server[849]: Communication SSH socket unexpectedly closed.

Jul 28 10:06:09 garuda user.notice SYNCMNGR[1162]: Received message from S-Plane

Jul 28 10:06:09 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:09 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:10 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:10 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:11 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:11 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:12 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:12 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:13 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:13 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:14 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:14 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:15 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:15 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:16 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:16 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:17 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:17 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:18 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:18 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:19 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:19 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

Jul 28 10:06:20 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.

Jul 28 10:06:20 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

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Jul 28 10:07:29 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:29 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:30 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:30 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:31 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:31 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:32 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:32 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:33 garuda user.notice SYNCMNGR[1162]: Received message from S-Plane
Jul 28 10:07:33 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:33 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:34 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:34 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:35 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:35 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:36 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:36 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:37 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:37 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:38 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:38 garuda daemon.info netopeer2-server[849]: Successfully connected to 192.168.74.67:4334 over IPv4.
Jul 28 10:07:38 garuda daemon.info netopeer2-server[849]: Session 253 (user "root", CID 1) created.
Jul 28 10:07:38 garuda daemon.info netopeer2-server[849]: Received an SSH message "request-service" of subtype "ssh-userauth".
Jul 28 10:07:38 garuda daemon.info netopeer2-server[849]: Received an SSH message "request-auth" of subtype "password".
Jul 28 10:07:38 garuda daemon.info netopeer2-server[849]: Failed user "installer" authentication attempt (#1).
Jul 28 10:07:38 garuda daemon.err netopeer2-server[849]: Communication SSH socket unexpectedly closed.
Jul 28 10:07:39 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:39 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:40 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:40 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:41 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:41 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:43 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:43 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:44 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:44 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:45 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:45 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:46 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:46 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:47 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:47 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:47 garuda user.notice SYNCMNGR[1162]: Received message from S-Plane
Jul 28 10:07:48 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:48 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:07:49 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:07:49 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

[illegible]

[illegible]

[illegible]

Jul 28 10:08:58 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:08:58 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:08:59 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:08:59 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:09:00 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:00 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:09:01 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:01 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:09:02 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:02 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:09:03 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:03 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:09:04 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:04 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:09:05 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:05 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:09:06 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:06 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:09:07 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:07 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:09:08 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:08 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:09:09 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:09 garuda daemon.info netopeer2-server[849]: Successfully connected to 192.168.74.67:4334 over IPv4.
Jul 28 10:09:09 garuda daemon.info netopeer2-server[849]: Session 254 (user "root", CID 1) created.
Jul 28 10:09:09 garuda daemon.info netopeer2-server[849]: Received an SSH message "request-service" of subtype "ssh-userauth".
Jul 28 10:09:09 garuda daemon.info netopeer2-server[849]: Received an SSH message "request-auth" of subtype "password".
Jul 28 10:09:09 garuda daemon.info netopeer2-server[849]: User "installer1" not found locally.
Jul 28 10:09:09 garuda daemon.info netopeer2-server[849]: Failed user "installer1" authentication attempt (#1).
Jul 28 10:09:09 garuda daemon.err netopeer2-server[849]: Communication SSH socket unexpectedly closed.
Jul 28 10:09:10 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:10 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:09:11 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:11 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:09:11 garuda user.notice SYNCMNGR[1162]: Received message from S-Plane
Jul 28 10:09:12 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:12 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:09:13 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:13 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:09:14 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:14 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:09:15 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:15 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:09:16 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:16 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:09:17 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:09:17 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

[illegible]

[illegible]

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Jul 28 10:10:26 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:26 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:27 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:27 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:28 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:28 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:29 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:29 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:30 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:30 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:31 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:31 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:32 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:32 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:33 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:33 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:34 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:34 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:35 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:35 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:35 garuda user.notice SYNCMNGR[1162]: Received message from S-Plane
Jul 28 10:10:36 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:36 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:37 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:37 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:38 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:38 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:39 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:39 garuda daemon.info netopeer2-server[849]: Successfully connected to 192.168.74.67:4334 over IPv4.
Jul 28 10:10:39 garuda daemon.info netopeer2-server[849]: Session 255 (user "root", CID 1) created.
Jul 28 10:10:39 garuda daemon.info netopeer2-server[849]: Received an SSH message "request-service" of subtype "ssh-userauth".
Jul 28 10:10:39 garuda daemon.info netopeer2-server[849]: Received an SSH message "request-auth" of subtype "password".
Jul 28 10:10:39 garuda daemon.info netopeer2-server[849]: User "operator1" not found locally.
Jul 28 10:10:39 garuda daemon.info netopeer2-server[849]: Failed user "operator1" authentication attempt (#1).
Jul 28 10:10:39 garuda daemon.err netopeer2-server[849]: Communication SSH socket unexpectedly closed.
Jul 28 10:10:40 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:40 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:41 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:41 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:42 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:42 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:43 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:43 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:44 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:44 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:10:45 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:10:45 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).

QA TEST REPORT

M PLANE CONFORMANCE

[illegible]

[illegible]

QA TEST REPORT

M PLANE CONFORMANCE

[illegible]

Jul 28 10:11:54 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:11:54 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:11:55 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:11:55 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:11:56 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:11:56 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:11:57 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:11:57 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:11:58 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:11:58 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:11:59 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:11:59 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:11:59 garuda user.notice SYNCMNGR[1162]: Received message from S-Plane
Jul 28 10:12:00 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:12:00 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:12:01 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:12:01 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:12:02 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:12:02 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:12:03 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:12:03 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:12:04 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:12:04 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:12:05 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:12:05 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:12:06 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:12:06 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:12:07 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:12:07 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:12:08 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:12:08 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:12:09 garuda daemon.info netopeer2-server[849]: Trying to connect via IPv4 to 192.168.74.67:4334.
Jul 28 10:12:09 garuda daemon.info netopeer2-server[849]: getsockopt() error (Connection refused).
Jul 28 10:12:09 garuda authpriv.debug sshd[14481]: pam_unix(sshd:account): account operator has password changed in future
Jul 28 10:12:09 garuda auth.info sshd[14481]: Accepted password for operator from 192.168.74.67 port 33654 ssh2
Jul 28 10:12:09 garuda authpriv.info sshd[14481]: pam_unix(sshd:session): session opened for user operator by (uid=0)

Expected Result : The O-RU NETCONF Server starts periodic Call Home procedure towards the TER NETCONF Client.

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

=====
Reject_SSH_Authentication_due_to_Incorrect_Credential = SUCCESS
=====