@ FILE NAME: Vlan Scan.txt

@ TEST SCOPE: M PLANE O-RAN CONFORMANCE

@ Software Release for HFCL: v3.0.0

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.

===
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 Fri 2023-03-17 17:01:46 IST; 6min ago
   Docs: man:dhcpd(8)
Main PID: 21277 (dhcpd)
   Tasks: 1 (limit: 4915)
  CGroup: /system.slice/isc-dhcp-server.service
     dhcpd -user dhcpd -group dhcpd -f -4 -pf /run/dhcp-server/dhcpd.pid -cf /etc/dhcp/dhcpd.conf eth2.125

Mar 17 17:01:46 vvdn sh[21277]: Listening on LPF/eth2.125/64:9d:99:b1:7e:63/192.168.180.0/24

Mar 17 17:01:46 vvdn sh[21277]: Sending on   LPF/eth2.125/64:9d:99:b1:7e:63/192.168.180.0/24

Mar 17 17:01:46 vvdn sh[21277]: Sending on   Socket/fallback/fallback-net

Mar 17 17:01:46 vvdn dhcpd[21277]: Sending on   LPF/eth2.125/64:9d:99:b1:7e:63/192.168.180.0/24

Mar 17 17:01:46 vvdn dhcpd[21277]: Sending on   Socket/fallback/fallback-net

Mar 17 17:01:46 vvdn dhcpd[21277]: Server starting service.

Mar 17 17:07:17 vvdn dhcpd[21277]: DHCPDISCOVER from 00:0a:35:00:00:00 via eth2.125

Mar 17 17:07:18 vvdn dhcpd[21277]: DHCPOFFER on 192.168.180.37 to 00:0a:35:00:00:00 (8t8r) via eth2.125

Mar 17 17:07:18 vvdn dhcpd[21277]: DHCPREQUEST for 192.168.180.37 (192.168.180.71) from 00:0a:35:00:00:00 (8t8r) via eth2.125

Mar 17 17:07:18 vvdn dhcpd[21277]: DHCPACK on 192.168.180.37 to 00:0a:35:00:00:00 (8t8r) via eth2.125

===
ethtool eth2
===
Settings for eth2:
 Supported ports: [FIBRE]
 Supported link modes: 25000baseSR/Full
 Supported pause frame use: Symmetric Receive-only
 Supports auto-negotiation: Yes
 Supported FEC modes: None BaseR RS
 Advertised link modes: 25000baseSR/Full
 Advertised pause frame use: No
 Advertised auto-negotiation: Yes
 Advertised FEC modes: None BaseR RS
 Speed: 25000Mb/s
 Duplex: Full
 Port: FIBRE
 PHYAD: 0
 Transceiver: internal
 Auto-negotiation: off
 Supports Wake-on: g
 Wake-on: g
 Current message level: 0x00000007 (7)
       drv probe link
 Link detected: yes

==
ping -c 5 192.168.180.37
==

PING 192.168.180.37 (192.168.180.37) 56(84) bytes of data.

64 bytes from 192.168.180.37: icmp_seq=1 ttl=64 time=0.064 ms

64 bytes from 192.168.180.37: icmp_seq=2 ttl=64 time=0.157 ms

64 bytes from 192.168.180.37: icmp_seq=3 ttl=64 time=0.147 ms

64 bytes from 192.168.180.37: icmp_seq=4 ttl=64 time=0.152 ms

64 bytes from 192.168.180.37: icmp_seq=5 ttl=64 time=0.197 ms

--- 192.168.180.37 ping statistics ---

5 packets transmitted, 5 received, 0% packet loss, time 4059ms

rtt min/avg/max/mdev = 0.064/0.143/0.197/0.044 ms

==
Interfaces Present in DU Side
==

eth0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500

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

    RX packets 471482 bytes 58187814 (58.1 MB)

    RX errors 0 dropped 0 overruns 0 frame 0

    TX packets 103344 bytes 92368531 (92.3 MB)

    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

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

    inet 172.17.95.246 netmask 255.255.240.0 broadcast 172.17.95.255

    inet6 fe80::237:2f4f:ffb5:44e3 prefixlen 64 scopeid 0x20<link>

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

    RX packets 833674 bytes 537082146 (537.0 MB)

    RX errors 0 dropped 0 overruns 0 frame 0

    TX packets 487139 bytes 216944771 (216.9 MB)

    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

    device interrupt 17

eth2: 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::7914:b667:8f89:d1ab prefixlen 64 scopeid 0x20<link>

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

    RX packets 1640 bytes 537462 (537.4 KB)

    RX errors 0 dropped 0 overruns 0 frame 0

    TX packets 1578 bytes 228324 (228.3 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


eth2.125: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
       inet 192.168.180.71  netmask 255.255.255.0  broadcast 192.168.180.255
       inet6 fe80::669d:99ff:feb1:7e63  prefixlen 64  scopeid 0x20<link>
       ether 64:9d:99:b1:7e:63  txqueuelen 1000  (Ethernet)
       RX packets 125  bytes 20811 (20.8 KB)
       RX errors 0  dropped 0  overruns 0  frame 0
       TX packets 203  bytes 28410 (28.4 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 31501  bytes 5780135 (5.7 MB)
       RX errors 0  dropped 0  overruns 0  frame 0
       TX packets 31501  bytes 5780135 (5.7 MB)
       TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
```

===

The O-RU NETCONF Serve establishes TCP connection and performs a Call Home procedure towards the NETCONF Client and establishes a SSH.

===

> listen --ssh --login operator

Waiting 60s for an SSH Call Home connection on port 4334...The authenticity of the host '::ffff:192.168.180.37' 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 waRU_Detailsnt to continue connecting (yes/no)? yes

operator@::ffff:192.168.180.37 password:

===

TER NETCONF Client and O-RU NETCONF Server exchange capabilities through the NETCONF <hello> messages

===

> status

Current NETCONF self.session:

ID : 1

Host : :ffff:192.168.180.37

Port : 36332

Transport : SSH

Capabilities:urn:ietf:params:netconf:base:1.0urn:ietf:params:netconf:base:1.1urn:ietf:params:netconf:capability:writable-running:1.0

urn:ietf:params:netconf:capability:candidate:1.0urn:ietf:params:netconf:capability:rollback-on-error:1.0

urn:ietf:params:netconf:capability:validate:1.1urn:ietf:params:netconf:capability:startup:1.0urn:ietf:params:netconf:capability:xpath:1.0

urn:ietf:params:netconf:capability:with-defaults:1.0?basic-mode=explicit&also-supported=report-all,report-all-tagged,trim,explicit

urn:ietf:params:netconf:capability:notification:1.0urn:ietf:params:netconf:capability:interleave:1.0

urn:ietf:params:xml:ns:yang:ietf-yang-metadata?module=ietf-yang-metadata&revision=2016-08-05

urn:ietf:params:xml:ns:yang:1?module=yang&revision=2017-02-20

urn:ietf:params:xml:ns:yang:ietf-inet-types?module=ietf-inet-types&revision=2013-07-15

urn:ietf:params:xml:ns:yang:ietf-yang-types?module=ietf-yang-types&revision=2013-07-15

urn:ietf:params:netconf:capability:yang-library:1.1?revision=2019-01-04&content-id=63

urn:sysrepo:plugind?module=sysrepo-plugind&revision=2020-12-10

urn:ietf:params:xml:ns:yang:ietf-netconf-acm?module=ietf-netconf-acm&revision=2018-02-14

urn:ietf:params:xml:ns:netconf:base:1.0?module=ietf-netconf&revision=2013-09-29&features=writable-running,candidate,rollback-on-error,validate,startup,url,xpathurn:ietf:params:xml:ns:yang:ietf-netconf-with-defaults?module=ietf-netconf-with-defaults&revision=2011-06-01

urn:ietf:params:xml:ns:yang:ietf-netconf-notifications?module=ietf-netconf-notifications&revision=2012-02-06

urn:ietf:params:xml:ns:yang:ietf-netconf-monitoring?module=ietf-netconf-monitoring&revision=2010-10-04

urn:ietf:params:xml:ns:netconf:notification:1.0?module=notifications&revision=2008-07-14

urn:ietf:params:xml:ns:netmod:notification?module=nc-notifications&revision=2008-07-14

urn:ietf:params:xml:ns:yang:ietf-x509-cert-to-name?module=ietf-x509-cert-to-name&revision=2014-12-10

urn:ietf:params:xml:ns:yang:iana-crypt-hash?module=iana-crypt-hash&revision=2014-08-06urn:notification_history?module=notification_history

urn:ietf:params:xml:ns:yang:iana-if-type?module=iana-if-type&revision=2017-01-19

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

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Trying to connect via IPv4 to 192.168.180.71:4334.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Successfully connected to 192.168.180.71:4334 over IPv4.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Session 80 (user "root", CID 1) created.

Apr 24 20:42:22 8t8r user.notice SYS_MONITOR[1335]: SFP1 port Status is up

Apr 24 20:42:22 8t8r user.notice SYS_MONITOR[1335]: ETH1 IP is 192.168.4.50

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Received an SSH message "request-service" of subtype "ssh-userauth".

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Received an SSH message "request-auth" of subtype "password".

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: User "operator" authenticated.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Received an SSH message "request-channel-open" of subtype "session".

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Received an SSH message "request-channel" of subtype "subsystem".

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Call Home client "default-client" session 1 established.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Session 81 (user "root", CID 1) created.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: There are no subscribers for "ietf-netconf-notifications" notifications.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Generated new event (netconf-session-start).

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Resolving unresolved data nodes and their constraints...

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: All data nodes and constraints resolved.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Resolving unresolved data nodes and their constraints...

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: All data nodes and constraints resolved.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Published event "rpc" "/ietf-netconf:get" with ID 1 priority 0 for 1 subscribers.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Processing "/ietf-netconf:get" "rpc" event with ID 1 priority 0 (remaining 1 subscribers).

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Resolving unresolved data nodes and their constraints...

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: There is no leafref "/ietf-keystore:keystore/ietf-keystore:asymmetric-keys/ietf-keystore:asymmetric-key/ietf-keystore:name" with the value "genkey", but it is not required.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: There is no leafref "/ietf-keystore:keystore/ietf-keystore:asymmetric-keys/ietf-keystore:asymmetric-key/ietf-keystore:name" with the value "genkey", but it is not required.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: All data nodes and constraints resolved.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Resolving unresolved data nodes and their constraints...

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: All data nodes and constraints resolved.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Resolving unresolved data nodes and their constraints...

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: There is no leafref "/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port1", but it is not required.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: All data nodes and constraints resolved.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Resolving unresolved data nodes and their constraints...

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: There is no leafref "/ietf-interfaces:interfaces/ietf-interfaces:interface/ietf-interfaces:name" with the value "eth1.125", but it is not required.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: There is no leafref "/ietf-interfaces:interfaces/ietf-interfaces:interface[ietf-interfaces:name = current()/../interface-name]/o-ran-interfaces:vlan-id" with the value "125", but it is not required.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: All data nodes and constraints resolved.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Published event "operational" "/o-ran-software-management:software-inventory" with

ID 1.

Apr 24 20:42:22 8t8r user.notice fw_manager[1202]: RPC #1 recieved. xpath -> /o-ran-software-management:software-inventory

Apr 24 20:42:22 8t8r user.notice SYS_MONITOR[1335]: temp sensor TEMPERATURE_SENSOR_D5_0V85 value is 42.687 degC

Apr 24 20:42:22 8t8r user.info FAULT MANAGER[1335]: sendData : Source ID: 14

Apr 24 20:42:22 8t8r user.info FAULT MANAGER[1335]: sendData : Fault ID: 0

Apr 24 20:42:22 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_IS_CLEARED: 0

Apr 24 20:42:22 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_SEVERITY: 0

Apr 24 20:42:22 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_TIME: 2103-04-24T20:42:22Z

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Event "operational" with ID 1 succeeded.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Resolving unresolved data nodes and their constraints...

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "HFCI O-RU", but it is not required.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "HFCL O-RU", but it is not required.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "HFCI O-RU", but it is not required.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: All data nodes and constraints resolved.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Successful processing of "rpc" event with ID 1 priority 0 (remaining 0 subscribers).

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Event "rpc" with ID 1 priority 0 succeeded.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Resolving unresolved data nodes and their constraints...

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: All data nodes and constraints resolved.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Resolving unresolved data nodes and their constraints...

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "HFCI O-RU", but it is not required.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "HFCL O-RU", but it is not required.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/o-ran-hardware:product-code" with the value "HFCI O-RU", but it is not required.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: All data nodes and constraints resolved.

Apr 24 20:42:22 8t8r daemon.info netopeer2-server[1140]: Session 1: thread 1 event new RPC.

Apr 24 20:42:22 8t8r user.notice SYS_MONITOR[1335]: No alert from Temp sensor

Apr 24 20:42:22 8t8r user.notice SYS_MONITOR[1335]: No alert from power and current sensor

Apr 24 20:42:22 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:23 8t8r user.notice SYNCMNGR[1153]: Received message from S-Plane

Apr 24 20:42:23 8t8r user.notice SYS_MONITOR[1335]: temp sensor TEMPERATURE_SENSOR_D6_3V3 value is 41.500 degC

Apr 24 20:42:23 8t8r user.info FAULT MANAGER[1335]: sendData : Source ID: 15

Apr 24 20:42:23 8t8r user.info FAULT MANAGER[1335]: sendData : Fault ID: 0

Apr 24 20:42:23 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_IS_CLEARED: 0

Apr 24 20:42:23 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_SEVERITY: 0

Apr 24 20:42:23 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_TIME: 2103-04-24T20:42:23Z

Apr 24 20:42:23 8t8r user.notice SYS_MONITOR[1335]: SYNC Status is FREERUN

Apr 24 20:42:23 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:24 8t8r user.notice SYS_MONITOR[1335]: SFP1 port Status is up

Apr 24 20:42:24 8t8r user.notice SYS_MONITOR[1335]: ETH1 IP is 192.168.4.50

Apr 24 20:42:24 8t8r user.notice SYS_MONITOR[1335]: temp sensor TEMPERATURE_SENSOR_D7_BMC value is 46.812 degC

Apr 24 20:42:24 8t8r user.info FAULT MANAGER[1335]: sendData : Source ID: 16

Apr 24 20:42:24 8t8r user.info FAULT MANAGER[1335]: sendData : Fault ID: 0

Apr 24 20:42:24 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_IS_CLEARED: 0

Apr 24 20:42:24 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_SEVERITY: 0

Apr 24 20:42:24 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_TIME: 2103-04-24T20:42:24Z

Apr 24 20:42:24 8t8r user.notice SYS_MONITOR[1335]: No alert from Temp sensor

Apr 24 20:42:24 8t8r user.notice SYS_MONITOR[1335]: No alert from power and current sensor

Apr 24 20:42:24 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:25 8t8r user.info SYS_MONITOR[1335]: Already glowing System LED

Apr 24 20:42:25 8t8r user.info SYS_MONITOR[1335]: Already glowing SFP LED

Apr 24 20:42:25 8t8r user.info SYS_MONITOR[1335]: Already glowing Sync LED

Apr 24 20:42:25 8t8r user.notice SYS_MONITOR[1335]: SYNC Status is FREERUN

Apr 24 20:42:25 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:26 8t8r user.notice SYS_MONITOR[1335]: SFP1 port Status is up

Apr 24 20:42:26 8t8r user.notice SYS_MONITOR[1335]: ETH1 IP is 192.168.4.50

Apr 24 20:42:26 8t8r user.notice SYS_MONITOR[1335]: No alert from Temp sensor

Apr 24 20:42:26 8t8r user.notice SYS_MONITOR[1335]: No alert from power and current sensor

Apr 24 20:42:26 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:27 8t8r user.notice SYNCMNGR[1153]: Received message from S-Plane

Apr 24 20:42:27 8t8r user.notice SYS_MONITOR[1335]: SYNC Status is FREERUN

Apr 24 20:42:27 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:28 8t8r user.notice SYS_MONITOR[1335]: SFP1 port Status is up

Apr 24 20:42:28 8t8r user.notice SYS_MONITOR[1335]: ETH1 IP is 192.168.4.50

Apr 24 20:42:28 8t8r user.notice SYS_MONITOR[1335]: power value and current value of module POWER_MODULE_3V3 is 17.124 Watts and 5.200 A

Apr 24 20:42:28 8t8r user.info FAULT MANAGER[1335]: sendData : Source ID: 17

Apr 24 20:42:28 8t8r user.info FAULT MANAGER[1335]: sendData : Fault ID: 0

Apr 24 20:42:28 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_IS_CLEARED: 0

Apr 24 20:42:28 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_SEVERITY: 0

Apr 24 20:42:28 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_TIME: 2103-04-24T20:42:28Z

Apr 24 20:42:28 8t8r user.notice SYS_MONITOR[1335]: No alert from Temp sensor

Apr 24 20:42:28 8t8r user.notice SYS_MONITOR[1335]: No alert from power and current sensor

Apr 24 20:42:28 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:29 8t8r user.notice SYS_MONITOR[1335]: SYNC Status is FREERUN

Apr 24 20:42:29 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:30 8t8r user.notice SYS_MONITOR[1335]: SFP1 port Status is up

Apr 24 20:42:30 8t8r user.notice SYS_MONITOR[1335]: ETH1 IP is 192.168.4.50

Apr 24 20:42:30 8t8r user.notice SYS_MONITOR[1335]: No alert from Temp sensor

Apr 24 20:42:30 8t8r user.notice SYS_MONITOR[1335]: No alert from power and current sensor

Apr 24 20:42:30 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:31 8t8r user.notice SYNCMNGR[1153]: Received message from S-Plane

Apr 24 20:42:31 8t8r user.notice SYS_MONITOR[1335]: SYNC Status is FREERUN

Apr 24 20:42:31 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:31 8t8r user.notice SYS_MONITOR[1335]: power value and current value of module POWER_MODULE_0V85 is 10.353 Watts and 12.180 A

Apr 24 20:42:31 8t8r user.info FAULT MANAGER[1335]: sendData : Source ID: 18

Apr 24 20:42:31 8t8r user.info FAULT MANAGER[1335]: sendData : Fault ID: 0

Apr 24 20:42:31 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_IS_CLEARED: 0

Apr 24 20:42:31 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_SEVERITY: 0

Apr 24 20:42:31 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_TIME: 2103-04-24T20:42:31Z

Apr 24 20:42:32 8t8r user.notice SYS_MONITOR[1335]: SFP1 port Status is up

Apr 24 20:42:32 8t8r user.notice SYS_MONITOR[1335]: ETH1 IP is 192.168.4.50

Apr 24 20:42:32 8t8r user.notice SYS_MONITOR[1335]: No alert from Temp sensor

Apr 24 20:42:32 8t8r user.notice SYS_MONITOR[1335]: No alert from power and current sensor

Apr 24 20:42:32 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:33 8t8r user.notice SYS_MONITOR[1335]: SYNC Status is FREERUN

Apr 24 20:42:33 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:34 8t8r user.notice SYS_MONITOR[1335]: SFP1 port Status is up

Apr 24 20:42:34 8t8r user.notice SYS_MONITOR[1335]: ETH1 IP is 192.168.4.50

Apr 24 20:42:34 8t8r user.notice SYS_MONITOR[1335]: No alert from Temp sensor

Apr 24 20:42:34 8t8r user.notice SYS_MONITOR[1335]: No alert from power and current sensor

Apr 24 20:42:34 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:34 8t8r user.notice SYS_MONITOR[1335]: power value and current value of module POWER_MODULE_DDR1V2 is 0.454 Watts and 0.370 A

Apr 24 20:42:34 8t8r user.info FAULT MANAGER[1335]: sendData : Source ID: 19

Apr 24 20:42:34 8t8r user.info FAULT MANAGER[1335]: sendData : Fault ID: 0

Apr 24 20:42:34 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_IS_CLEARED: 0

Apr 24 20:42:34 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_SEVERITY: 0

Apr 24 20:42:34 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_TIME: 2103-04-24T20:42:34Z

Apr 24 20:42:35 8t8r user.notice SYNCMNGR[1153]: Received message from S-Plane

Apr 24 20:42:35 8t8r user.notice SYS_MONITOR[1335]: SYNC Status is FREERUN

Apr 24 20:42:35 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:36 8t8r user.notice SYS_MONITOR[1335]: SFP1 port Status is up

Apr 24 20:42:36 8t8r user.notice SYS_MONITOR[1335]: ETH1 IP is 192.168.4.50

Apr 24 20:42:36 8t8r user.notice SYS_MONITOR[1335]: No alert from Temp sensor

Apr 24 20:42:36 8t8r user.notice SYS_MONITOR[1335]: No alert from power and current sensor

Apr 24 20:42:36 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:37 8t8r user.notice SYS_MONITOR[1335]: SYNC Status is FREERUN

Apr 24 20:42:37 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:38 8t8r user.err SYS_MONITOR[1335]: power value and current value of module POWER_MODULE_PA1 is 53.045 Watts and 530.450 A higher than warning   level

Apr 24 20:42:38 8t8r user.info FAULT MANAGER[1335]: sendData : Source ID: 20

Apr 24 20:42:38 8t8r user.info FAULT MANAGER[1335]: sendData : Fault ID: 137

Apr 24 20:42:38 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_IS_CLEARED: 1

Apr 24 20:42:38 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_SEVERITY: 2

Apr 24 20:42:38 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_TIME: 2103-04-24T20:42:38Z

Apr 24 20:42:38 8t8r user.notice SYS_MONITOR[1335]: SFP1 port Status is up

Apr 24 20:42:38 8t8r user.notice SYS_MONITOR[1335]: ETH1 IP is 192.168.4.50

Apr 24 20:42:38 8t8r user.notice SYS_MONITOR[1335]: No alert from Temp sensor

Apr 24 20:42:38 8t8r user.notice SYS_MONITOR[1335]: No alert from power and current sensor

Apr 24 20:42:38 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:39 8t8r user.notice SYNCMNGR[1153]: Received message from S-Plane

Apr 24 20:42:39 8t8r user.notice SYS_MONITOR[1335]: SYNC Status is FREERUN

Apr 24 20:42:39 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:40 8t8r user.notice SYS_MONITOR[1335]: SFP1 port Status is up

Apr 24 20:42:40 8t8r user.notice SYS_MONITOR[1335]: ETH1 IP is 192.168.4.50

Apr 24 20:42:40 8t8r user.notice SYS_MONITOR[1335]: No alert from Temp sensor

Apr 24 20:42:40 8t8r user.notice SYS_MONITOR[1335]: No alert from power and current sensor

Apr 24 20:42:40 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:41 8t8r user.err SYS_MONITOR[1335]: power value and current value of module POWER_MODULE_12V0 is 32.981 Watts and 2.740 A higher than warning   level

Apr 24 20:42:41 8t8r user.info FAULT MANAGER[1335]: sendData : Source ID: 21

Apr 24 20:42:41 8t8r user.info FAULT MANAGER[1335]: sendData : Fault ID: 137

Apr 24 20:42:41 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_IS_CLEARED: 1

Apr 24 20:42:41 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_SEVERITY: 2

Apr 24 20:42:41 8t8r user.info FAULT MANAGER[1335]: sendData : FAULT_TIME: 2103-04-24T20:42:41Z

Apr 24 20:42:41 8t8r user.notice SYS_MONITOR[1335]: SYNC Status is FREERUN

Apr 24 20:42:41 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:42 8t8r user.notice SYS_MONITOR[1335]: SFP1 port Status is up

Apr 24 20:42:42 8t8r user.notice SYS_MONITOR[1335]: ETH1 IP is 192.168.4.50

Apr 24 20:42:42 8t8r user.notice SYS_MONITOR[1335]: No alert from Temp sensor

Apr 24 20:42:42 8t8r user.notice SYS_MONITOR[1335]: No alert from power and current sensor

Apr 24 20:42:42 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:43 8t8r user.notice SYNCMNGR[1153]: Received message from S-Plane

Apr 24 20:42:43 8t8r user.notice SYS_MONITOR[1335]: SYNC Status is FREERUN

Apr 24 20:42:43 8t8r user.notice SYS_MONITOR[1335]: Status of ethernet port is:down

Apr 24 20:42:44 8t8r daemon.info netopeer2-server[1140]: Session 1: thread 0 event new RPC.

Apr 24 20:42:44 8t8r daemon.info netopeer2-server[1140]: Session 1: thread 0 event session terminated.

Apr 24 20:42:44 8t8r daemon.info netopeer2-server[1140]: There are no subscribers for "ietf-netconf-notifications" notifications.

Apr 24 20:42:44 8t8r daemon.info netopeer2-server[1140]: Generated new event (netconf-session-end).

Apr 24 20:42:44 8t8r daemon.info netopeer2-server[1140]: Call Home client "default-client" session terminated.

Apr 24 20:42:44 8t8r daemon.info netopeer2-server[1140]: Trying to connect via IPv4 to 192.168.180.71:4334.

Apr 24 20:42:44 8t8r daemon.info netopeer2-server[1140]: getsockopt() error (Connection refused).

Apr 24 20:42:44 8t8r authpriv.err sshd[4956]: PAM unable to dlopen(/lib/security/pam_systemd.so): /lib/security/pam_systemd.so: cannot open shared object file: No such file or directory

Apr 24 20:42:44 8t8r authpriv.err sshd[4956]: PAM adding faulty module: /lib/security/pam_systemd.so

Apr 24 20:42:44 8t8r auth.info sshd[4956]: Accepted password for operator from 192.168.180.71 port 49634 ssh2

Apr 24 20:42:44 8t8r authpriv.info sshd[4956]: pam_unix(sshd:session): session opened for user operator(uid=65535) by (uid=0)

> **Expected Result : The O-RU NETCONF Server responds with**
>
> **<rpc-reply><ok/></rpc-reply> to the TER NETCONF Client.**

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


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

Create Vlan with Vlan Scan || SUCCESS

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


================================================================================
***************************** Summary *****************************
================================================================================
```

Captured incoming vlan tag	Successful
Configured DHCP server	Successful
Vlan creation in test server	Successful
Restart DHCP server	Successful
Got DHCP IP 192.168.180.37 to the VLAN 125	Successful
Got DHCP IP 192.168.180.37 to the VLAN 125	Successful
DHCP IP 192.168.180.37 Ping	Successful
Netopeer Connection	Successful
Netconf Session Established	Successful
Hello Capabilities Exchanged	Successful
Create Vlan with Vlan Scan	PASS