@ FILE NAME: **M_CTC_ID_009.txt**

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

@ Software Release for Garuda: **v5.0.4**

Test Description : This test validates that the O-RU manages the connection supervision process correctly.

==

********** Connect to the NETCONF Server **********

==

> listen --ssh --login operator

Waiting 60s for an SSH Call Home connection on port 4334...

The authenticity of the host '::ffff:192.168.22.37' cannot be established.

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

Interactive SSH Authentication done.

> status

Current NETCONF session:

ID   : 1

Host   : 192.168.22.37

Port   : 830

Transport   : SSH

Capabilities:

 urn:ietf:params:netconf:base:1.0 urn:ietf:params:netconf:base:1.1 urn:ietf:params:netconf:capability:writable-running:1.0
urn:ietf:params:netconf:capability:candidate:1.0 urn:ietf:params:netconf:capability:rollback-on-error:1.0
urn:ietf:params:netconf:capability:validate:1.1 urn:ietf:params:netconf:capability:startup:1.0 urn: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:1.0 urn: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=61
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,valid
ate,startup,url,xpath urn: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=2014-08-06 urn:notification_history?module=notification_history
urn:ietf:params:xml:ns:yang:iana-if-type?module=iana-if-type&revision=2017-01-19

==

  **********step 1 and 2 Retrieval of ru information with filter **********

==

==
> subscribe

==

Ok

==

  TER NETCONF Client responds with <rpc supervision-watchdog-reset></rpc> to the O-RU NETCONF Server

==

==
> user-rpc

==

==
******* Replace with below xml *******

==

```xml
<supervision-watchdog-reset xmlns="urn:o-ran:supervision:1.0">
    <supervision-notification-interval>3</supervision-notification-interval>
    <guard-timer-overhead>4</guard-timer-overhead>
</supervision-watchdog-reset>
```

==

  O-RU NETCONF Server sends a reply to the TER NETCONF Client <rpc-reply><next-update-at>date-time</next-update-at></rpc-reply>

==

```xml
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:df9dcdd2-5d48-4fef-853d-fc7e2fde0bae"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:27:36Z</next-update-at></nc:rpc-reply>
```

==

########### SYSTEM LOGS #############

==

Apr 14 05:27:11 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:11 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:11 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:11 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:12 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:12 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:12 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:12 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Successfully connected to 192.168.22.208:4334 over IPv4.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Session 93 (user "root", CID 1) created.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Received an SSH message "request-service" of subtype "ssh-userauth".

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Received an SSH message "request-auth" of subtype "password".

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: User "operator" authenticated.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Received an SSH message "request-channel-open" of subtype "session".

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Received an SSH message "request-channel" of subtype "subsystem".

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Call Home client "default-client" session 1 established.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Session 94 (user "root", CID 1) created.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There are no subscribers for "ietf-netconf-notifications" notifications.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Generated new event (netconf-session-start).

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/ietf-netconf:get" with ID 1 priority 0 for 1 subscribers.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Processing "/ietf-netconf:get" "rpc" event with ID 1 priority 0 (remaining 1 subscribers).

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Successful processing of "rpc" event with ID 1 priority 0 (remaining 0 subscribers).

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Event "rpc" with ID 1 priority 0 succeeded.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Session 1: thread 4 event new RPC.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/ietf-netconf:get" with ID 2 priority 0 for 1 subscribers.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Processing "/ietf-netconf:get" "rpc" event with ID 2 priority 0 (remaining 1 subscribers).

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: 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 14 05:27:13 garuda daemon.info netopeer2-server[858]: 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 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/ietf-interfaces:interfaces/ietf-interfaces:interface/ietf-interfaces:name" with the value "eth0.6", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/ietf-interfaces:interfaces/ietf-interfaces:interface[ietf-interfaces:name = current()/../interface-name]/o-ran-interfaces:vlan-id" with the value "6", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/ietf-interfaces:interfaces/ietf-interfaces:interface/ietf-interfaces:name" with the value "eth0.100", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/ietf-interfaces:interfaces/ietf-interfaces:interface[ietf-interfaces:name = current()/../../interface-name]/o-ran-interfaces:vlan-id" with the value "100", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element0", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element0", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element0", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element0", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element0", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element0", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element0",

but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/o-ran-processing-element:processing-elements/o-ran-processing-element:ru-elements/o-ran-processing-element:name" with the value "element0",

but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref "/user-plane-configuration/static-low-level-tx-endpoints/name"

with the value "slltx-endpoint0", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref "/user-plane-configuration/static-low-level-tx-endpoints/name"

with the value "slltx-endpoint1", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref "/user-plane-configuration/static-low-level-tx-endpoints/name"

with the value "slltx-endpoint2", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref "/user-plane-configuration/static-low-level-tx-endpoints/name"

with the value "slltx-endpoint3", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref "/user-plane-configuration/static-low-level-rx-endpoints/name"

with the value "sllrx-endpoint0", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref "/user-plane-configuration/static-low-level-rx-endpoints/name"

with the value "sllrx-endpoint1", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref "/user-plane-configuration/static-low-level-rx-endpoints/name"

with the value "sllrx-endpoint2", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref "/user-plane-configuration/static-low-level-rx-endpoints/name"

with the value "sllrx-endpoint3", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Published event "operational" "/o-ran-software-management:software-inventory" with

ID 1.

Apr 14 05:27:13 garuda user.notice fw_manager[935]: RPC #1 recieved. xpath -> /o-ran-software-management:software-inventory

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Event "operational" with ID 1 succeeded.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

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

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

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

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

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

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Successful processing of "rpc" event with ID 2 priority 0 (remaining 0 subscribers).

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Event "rpc" with ID 2 priority 0 succeeded.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

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

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

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

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

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

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Session 1: thread 2 event new RPC.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/ietf-netconf:get-config" with ID 1 priority 0 for 1 subscribers.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Processing "/ietf-netconf:get-config" "rpc" event with ID 1 priority 0 (remaining 1 subscribers).

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Successful processing of "rpc" event with ID 1 priority 0 (remaining 0 subscribers).

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Event "rpc" with ID 1 priority 0 succeeded.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port0", but it is not required.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:13 garuda daemon.info netopeer2-server[858]: Session 1: thread 0 event new RPC.

Apr 14 05:27:14 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:14 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:15 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:15 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:16 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:16 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:17 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:17 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:18 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:18 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:19 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:19 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:20 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:20 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:21 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:21 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:21 garuda user.notice SYNCMNGR[1181]: Received message from S-Plane

Apr 14 05:27:22 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:22 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:23 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:23 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:24 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:24 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:25 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:25 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:26 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:26 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:27 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:27 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:28 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:28 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:29 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:29 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:30 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:30 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:31 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:31 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:32 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:32 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/notifications:create-subscription" with ID 1 priority 0 for 1 subscribers.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Processing "/notifications:create-subscription" "rpc" event with ID 1 priority 0 (remaining 1 subscribers).

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Successful processing of "rpc" event with ID 1 priority 0 (remaining 0 subscribers).

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Event "rpc" with ID 1 priority 0 succeeded.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Session 1: thread 0 event new RPC.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 1 priority 0 for 1 subscribers.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Processing "ietf-netconf-monitoring" "operational" event with ID 1.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Successful processing of "operational" event with ID 1.

Apr 14 05:27:33 garuda user.notice supervision[1234]: RPC #1 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 05:27:33 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:27:36Z

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Event "rpc" with ID 1 priority 0 succeeded.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Resolving unresolved data nodes and their constraints...

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: All data nodes and constraints resolved.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Session 1: thread 1 event new RPC.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Session 1: thread 3 event new RPC.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Session 1: thread 3 event session terminated.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: There are no subscribers for "ietf-netconf-notifications" notifications.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Generated new event (netconf-session-end).

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Call Home client "default-client" session terminated.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:33 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:34 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:34 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:34 garuda daemon.err netopeer2-server[858]: Session 1: waiting for Call Home thread failed (Connection timed out).

Apr 14 05:27:34 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:34 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:35 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:35 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:35 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:35 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:35 garuda user.notice SYNCMNGR[1181]: Received message from S-Plane

Apr 14 05:27:36 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:36 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:36 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:27:36 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:36 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:37 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:37 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:37 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:37 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:38 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:38 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:38 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:38 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:39 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:39 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:39 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:39 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:40 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:40 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:40 garuda user.notice supervision[1234]: O-RU has entered "supervision-failure" state Resetting...

Apr 14 05:27:40 garuda user.notice supervision[1234]: Exiting

Apr 14 05:27:40 garuda user.notice supervision[1234]: Waiting for pending jobs

Apr 14 05:27:40 garuda user.info supervision[1234]: O-RU going for reboot

Apr 14 05:27:40 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:40 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:41 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:41 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:41 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:41 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:42 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:42 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:42 garuda daemon.info netopeer2-server[858]: Trying to connect via IPv4 to 192.168.22.208:4334.

Apr 14 05:27:42 garuda daemon.info netopeer2-server[858]: getsockopt() error (Connection refused).

Apr 14 05:27:42 garuda auth.info sshd[2962]: Accepted password for operator from 192.168.22.208 port 57820 ssh2

Apr 14 05:27:42 garuda authpriv.info sshd[2962]: pam_unix(sshd:session): session opened for user operator by (uid=0)

Expected Result : TER NETCONF Client can change the value of the supervision timer in the supervision watchdog reset message. The O-RU NETCONF server must adjust the timer accordingly if this optional test is performed.

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


===========================================================================
```
M-Plane Connection Supervision (negative case)   =   SUCCESS
```

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