



@ FILE NAME: M_CTC_ID_008.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 : 12

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,validate,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 Retrival 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 *****

=====

```
<supervision-watchdog-reset xmlns="urn:o-ran:supervision:1.0">
  <supervision-notification-interval>18</supervision-notification-interval>
  <guard-timer-overhead>13</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>

=====

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:4ed644ee-c8b9-4dd9-a85b-42e4b8e35fff"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:06:02Z</next-update-at></nc:rpc-reply>
```

=====

***** Looped for 30 iterations *****

=====

=====

1th iteration

=====

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:ba0a278d-e0d4-49ff-8ff9-7bd850c2e6e4"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:06:02Z</next-update-at></nc:rpc-reply>
```

=====

2th iteration

=====

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:af5dbff5-6045-48fe-a47b-e1c5bbbf6f70"><next-update-at
```

```
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:06:26Z</next-update-at></nc:rpc-reply>
```

3th iteration

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:4b172366-eb43-424e-bf13-dcd2acf42148"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:06:50Z</next-update-at></nc:rpc-reply>
```

4th iteration

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:14472c26-20c9-4311-bb93-ee8f83e8ed03"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:07:14Z</next-update-at></nc:rpc-reply>
```

5th iteration

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:f5c3751f-c55e-4550-b299-95b1e248b1c4"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:07:38Z</next-update-at></nc:rpc-reply>
```

6th iteration

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:0c82ffb3-0095-4c68-a403-005af964c556"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:08:02Z</next-update-at></nc:rpc-reply>
```

7th iteration

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:f30ecd25-73e4-4942-9b61-38b521e1aed6"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:08:26Z</next-update-at></nc:rpc-reply>
```

8th iteration

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:5078bebb-50c4-40e3-a10e-48fe04440b6c"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:08:50Z</next-update-at></nc:rpc-reply>
```

9th iteration

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:3d76b186-ebfa-487c-9bf5-6b37ca1989be"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:09:14Z</next-update-at></nc:rpc-reply>
```

10th iteration

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:f5db6b2d-32ba-41fe-8e76-0a58b7ad2286"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:09:38Z</next-update-at></nc:rpc-reply>
```

11th iteration

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:ba2101f4-11fd-4353-b82f-9e43855bf493"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:10:03Z</next-update-at></nc:rpc-reply>
```

12th iteration

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:22d6e0b4-f217-4e45-8b3a-7d920a21f625"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:10:27Z</next-update-at></nc:rpc-reply>
```

13th iteration

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:a9c86af0-8b14-4462-87e5-d1b345fa6dae"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:10:51Z</next-update-at></nc:rpc-reply>
```

14th iteration

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:27580329-ac30-42db-9909-48e31f79ad0a"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:11:15Z</next-update-at></nc:rpc-reply>
```

15th iteration

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:69279e85-aeb5-4484-a911-2bf109b0788f"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:11:39Z</next-update-at></nc:rpc-reply>
```

16th iteration

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:c61384b1-7c63-4e53-9632-8746e9737de8"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:12:03Z</next-update-at></nc:rpc-reply>
```

17th iteration

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:565f5de2-7503-456c-b106-778a11fed30e"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:12:27Z</next-update-at></nc:rpc-reply>
```

18th iteration

```
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:6bc1fc99-6c2d-401d-bc06-7758ec5c2cc7"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:12:51Z</next-update-at></nc:rpc-reply>
```

19th iteration

```
=====
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:5f7ffb55-36f3-4d6c-97d5-42fac5bff5ac"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:13:15Z</next-update-at></nc:rpc-reply>
=====
```

20th iteration

```
=====
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:de2f626e-80e6-47e5-b2df-f31c520510c6"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:13:39Z</next-update-at></nc:rpc-reply>
=====
```

21th iteration

```
=====
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:6b7244f5-09e2-48f6-ac2b-fbc18ffe0288"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:14:03Z</next-update-at></nc:rpc-reply>
=====
```

22th iteration

```
=====
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:6342fccb-f1ca-4d0d-8d7b-64fdf387a50c"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:14:27Z</next-update-at></nc:rpc-reply>
=====
```

23th iteration

```
=====
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:8de764e6-bc23-485b-a20a-28e54cb92d8a"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:14:51Z</next-update-at></nc:rpc-reply>
=====
```

24th iteration

```
=====
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:bdd9d975-b80e-4cfe-856a-cf8875696fc3"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:15:15Z</next-update-at></nc:rpc-reply>
=====
```

25th iteration

```
=====
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:16b94b9e-9114-490a-9474-a1fff2fc851b"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:15:40Z</next-update-at></nc:rpc-reply>
=====
```

26th iteration

```
=====
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:642c95bb-3c23-46ce-b993-e37cf6e2518a"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:16:04Z</next-update-at></nc:rpc-reply>
=====
```

27th iteration

```
=====
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:e55c8e2f-9bc3-42e0-9dba-497711f7a2f7"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:16:28Z</next-update-at></nc:rpc-reply>
=====
```

28th iteration

```
=====
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:f37ccb9c-ae4c-4521-b531-7f89231ef6c9"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:16:52Z</next-update-at></nc:rpc-reply>
=====
```

29th iteration

```
=====
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:fb23db3c-2802-42e0-bcf7-5b058a35ce7b"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:17:16Z</next-update-at></nc:rpc-reply>
=====
```

30th iteration

```
=====
<nc:rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"
message-id="urn:uuid:0fa4725b-06b4-437d-8875-64743f6244e2"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T06:17:40Z</next-update-at></nc:rpc-reply>
=====
```

***** **Actual Result** *****

=====

SYSTEM LOGS

=====

Apr 14 06:05:44 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 06:05:44 garuda user.notice supervision[1234]: RPC #1 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 06:05:44 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:06:02Z

Apr 14 06:05:44 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 2 priority 0 for 1 subscribers.

Apr 14 06:05:44 garuda user.notice supervision[1234]: RPC #2 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 06:05:44 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:06:02Z

Apr 14 06:05:52 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:05:53 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:06:02 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:06:02 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 1.

Apr 14 06:06:08 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 3 priority 0 for 1 subscribers.

Apr 14 06:06:08 garuda user.notice supervision[1234]: RPC #3 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 06:06:08 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:06:26Z

Apr 14 06:06:15 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:06:26 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:06:26 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 2.

Apr 14 06:06:32 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 4 priority 0 for 1 subscribers.

Apr 14 06:06:32 garuda user.notice supervision[1234]: RPC #4 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 06:06:32 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:06:50Z

Apr 14 06:06:35 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:06:39 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:06:39 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:06:50 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:06:50 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 3.

Apr 14 06:06:56 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 5 priority 0 for 1 subscribers.

Apr 14 06:06:56 garuda user.notice supervision[1234]: RPC #5 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 06:06:56 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:07:14Z

Apr 14 06:07:03 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:07:14 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:07:14 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 4.

Apr 14 06:07:18 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not

required.

Apr 14 06:07:20 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 6 priority 0 for 1 subscribers.

Apr 14 06:07:20 garuda user.notice supervision[1234]: RPC #6 recieved from "operator" user. xpath ->
/o-ran-supervision:supervision-watchdog-reset

Apr 14 06:07:20 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:07:38Z

Apr 14 06:07:27 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:07:27 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:07:38 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:07:38 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 5.

Apr 14 06:07:44 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 7 priority 0 for 1 subscribers.

Apr 14 06:07:44 garuda user.notice supervision[1234]: RPC #7 recieved from "operator" user. xpath ->
/o-ran-supervision:supervision-watchdog-reset

Apr 14 06:07:44 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:08:02Z

Apr 14 06:07:51 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:08:01 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:08:02 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:08:02 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 6.

Apr 14 06:08:08 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 8 priority 0 for 1 subscribers.

Apr 14 06:08:08 garuda user.notice supervision[1234]: RPC #8 recieved from "operator" user. xpath ->
/o-ran-supervision:supervision-watchdog-reset

Apr 14 06:08:08 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:08:26Z

Apr 14 06:08:15 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:08:15 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:08:26 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:08:26 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 7.

Apr 14 06:08:32 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 9 priority 0 for 1 subscribers.

Apr 14 06:08:32 garuda user.notice supervision[1234]: RPC #9 recieved from "operator" user. xpath ->
/o-ran-supervision:supervision-watchdog-reset

Apr 14 06:08:32 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:08:50Z

Apr 14 06:08:39 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:08:44 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:08:45 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:08:50 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:08:50 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 8.

Apr 14 06:08:56 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 10 priority 0 for 1 subscribers.

Apr 14 06:08:56 garuda user.notice supervision[1234]: RPC #10 recieved from "operator" user. xpath ->
/o-ran-supervision:supervision-watchdog-reset

Apr 14 06:08:56 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:09:14Z

Apr 14 06:09:03 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:09:14 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:09:14 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 9.

Apr 14 06:09:20 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 11 priority 0 for 1 subscribers.

Apr 14 06:09:20 garuda user.notice supervision[1234]: RPC #11 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 06:09:20 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:09:38Z

Apr 14 06:09:27 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:09:27 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:09:27 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:09:38 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:09:38 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 10.

Apr 14 06:09:45 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 12 priority 0 for 1 subscribers.

Apr 14 06:09:45 garuda user.notice supervision[1234]: RPC #12 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 06:09:45 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:10:03Z

Apr 14 06:09:51 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:10:03 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:10:03 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 11.

Apr 14 06:10:09 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 13 priority 0 for 1 subscribers.

Apr 14 06:10:09 garuda user.notice supervision[1234]: RPC #13 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 06:10:09 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:10:27Z

Apr 14 06:10:10 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:10:16 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:10:16 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:10:27 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:10:27 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 12.

Apr 14 06:10:33 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 14 priority 0 for 1 subscribers.

Apr 14 06:10:33 garuda user.notice supervision[1234]: RPC #14 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 06:10:33 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:10:51Z

Apr 14 06:10:40 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:10:51 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:10:51 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 13.

Apr 14 06:10:53 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:10:57 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 15 priority 0 for 1 subscribers.

Apr 14 06:10:57 garuda user.notice supervision[1234]: RPC #15 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 06:10:57 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:11:15Z

Apr 14 06:11:04 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:11:04 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:11:15 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:11:15 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 14.

Apr 14 06:11:21 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 16 priority 0 for 1 subscribers.

Apr 14 06:11:21 garuda user.notice supervision[1234]: RPC #16 recieved from "operator" user. xpath ->
/o-ran-supervision:supervision-watchdog-reset

Apr 14 06:11:21 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:11:39Z

Apr 14 06:11:28 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:11:36 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:11:37 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:11:39 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:11:39 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 15.

Apr 14 06:11:45 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 17 priority 0 for 1 subscribers.

Apr 14 06:11:45 garuda user.notice supervision[1234]: RPC #17 recieved from "operator" user. xpath ->
/o-ran-supervision:supervision-watchdog-reset

Apr 14 06:11:45 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:12:03Z

Apr 14 06:11:52 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:12:03 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:12:03 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 16.

Apr 14 06:12:09 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 18 priority 0 for 1 subscribers.

Apr 14 06:12:09 garuda user.notice supervision[1234]: RPC #18 recieved from "operator" user. xpath ->
/o-ran-supervision:supervision-watchdog-reset

Apr 14 06:12:09 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:12:27Z

Apr 14 06:12:16 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:12:19 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:12:22 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:12:27 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:12:27 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 17.

Apr 14 06:12:33 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 19 priority 0 for 1 subscribers.

Apr 14 06:12:33 garuda user.notice supervision[1234]: RPC #19 recieved from "operator" user. xpath ->
/o-ran-supervision:supervision-watchdog-reset

Apr 14 06:12:33 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:12:51Z

Apr 14 06:12:40 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:12:51 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:12:51 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 18.

Apr 14 06:12:57 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 20 priority 0 for 1 subscribers.

Apr 14 06:12:57 garuda user.notice supervision[1234]: RPC #20 recieved from "operator" user. xpath ->
/o-ran-supervision:supervision-watchdog-reset

Apr 14 06:12:57 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:13:15Z

Apr 14 06:13:02 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:13:04 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:13:04 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:13:15 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:13:15 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 19.

Apr 14 06:13:21 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 21 priority 0 for 1 subscribers.

Apr 14 06:13:21 garuda user.notice supervision[1234]: RPC #21 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 06:13:21 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:13:39Z

Apr 14 06:13:28 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:13:39 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:13:39 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 20.

Apr 14 06:13:45 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 22 priority 0 for 1 subscribers.

Apr 14 06:13:45 garuda user.notice supervision[1234]: RPC #22 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 06:13:45 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:14:03Z

Apr 14 06:13:45 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:13:52 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:13:52 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:14:03 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:14:03 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 21.

Apr 14 06:14:09 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 23 priority 0 for 1 subscribers.

Apr 14 06:14:09 garuda user.notice supervision[1234]: RPC #23 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 06:14:09 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:14:27Z

Apr 14 06:14:16 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:14:27 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:14:27 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 22.

Apr 14 06:14:28 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:14:33 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 24 priority 0 for 1 subscribers.

Apr 14 06:14:33 garuda user.notice supervision[1234]: RPC #24 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 06:14:33 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:14:51Z

Apr 14 06:14:40 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:14:40 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:14:51 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:14:51 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 23.

Apr 14 06:14:57 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 25

priority 0 for 1 subscribers.

Apr 14 06:14:57 garuda user.notice supervision[1234]: RPC #25 recieved from "operator" user. xpath ->

/o-ran-supervision:supervision-watchdog-reset

Apr 14 06:14:57 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:15:15Z

Apr 14 06:15:04 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:15:12 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:15:13 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:15:15 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:15:15 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 24.

Apr 14 06:15:22 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 26
priority 0 for 1 subscribers.

Apr 14 06:15:22 garuda user.notice supervision[1234]: RPC #26 recieved from "operator" user. xpath ->

/o-ran-supervision:supervision-watchdog-reset

Apr 14 06:15:22 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:15:40Z

Apr 14 06:15:28 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:15:40 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:15:40 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 25.

Apr 14 06:15:46 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 27
priority 0 for 1 subscribers.

Apr 14 06:15:46 garuda user.notice supervision[1234]: RPC #27 recieved from "operator" user. xpath ->

/o-ran-supervision:supervision-watchdog-reset

Apr 14 06:15:46 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:16:04Z

Apr 14 06:15:53 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:15:55 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:15:56 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:16:04 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:16:04 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 26.

Apr 14 06:16:10 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 28
priority 0 for 1 subscribers.

Apr 14 06:16:10 garuda user.notice supervision[1234]: RPC #28 recieved from "operator" user. xpath ->

/o-ran-supervision:supervision-watchdog-reset

Apr 14 06:16:10 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:16:28Z

Apr 14 06:16:17 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:16:28 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:16:28 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 27.

Apr 14 06:16:34 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 29
priority 0 for 1 subscribers.

Apr 14 06:16:34 garuda user.notice supervision[1234]: RPC #29 recieved from "operator" user. xpath ->

/o-ran-supervision:supervision-watchdog-reset

Apr 14 06:16:34 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:16:52Z

Apr 14 06:16:38 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:16:41 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:16:41 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:16:52 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:16:52 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 28.

Apr 14 06:16:58 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 30 priority 0 for 1 subscribers.

Apr 14 06:16:58 garuda user.notice supervision[1234]: RPC #30 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 06:16:58 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:17:16Z

Apr 14 06:17:05 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:17:16 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:17:16 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 29.

Apr 14 06:17:21 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:17:22 garuda daemon.info netopeer2-server[858]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 31 priority 0 for 1 subscribers.

Apr 14 06:17:22 garuda user.notice supervision[1234]: RPC #31 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 06:17:22 garuda user.info supervision[1234]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T06:17:40Z

Apr 14 06:17:29 garuda user.notice supervision[1234]: Guard timer was reset

Apr 14 06:17:29 garuda daemon.info netopeer2-server[858]: There is no instance of "/stli_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 06:17:40 garuda user.notice supervision[1234]: Interval timer exceeded. Waiting on guard timer...

Apr 14 06:17:40 garuda daemon.info netopeer2-server[858]: Processing "notif" "o-ran-supervision" event with ID 30.

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.

=====

| | | |
|---|----------|----------------|
| M-Plane Connection Supervision (positive case) | = | SUCCESS |
|---|----------|----------------|

=====