



**@ FILE NAME: M\_CTC\_ID\_008.txt**

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

**@ Software Release for Garuda: v4.2.0**

**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 '192.168.208.37' 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 : 4

Host : 192.168.208.37

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>10</supervision-notification-interval>
  <guard-timer-overhead>12</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:8ca46f6f-66a9-44fa-a9bd-011d89ed1abb"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:38:02Z</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:22743046-d0d6-4ea8-a9e8-164250ebcb2e"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:38:03Z</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:331b8607-d56f-4241-b1a3-735846366ea5"><next-update-at
```

```
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:38:19Z</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:e6bfb36f-6266-4754-9fff-1a7d0471c73d"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:38:35Z</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:23625601-acd6-43c9-9249-3d1e0f192c25"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:38:51Z</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:91178bcf-495e-444e-a292-cebdf882862e"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:39:07Z</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:a00fccbe-49d7-4b5f-9873-a615b753cd29"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:39:23Z</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:91d049b5-f7a3-4cdc-b521-e85129addc97"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:39:39Z</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:aec1a306-1048-4bf6-af45-34f1cb8d626a"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:39:55Z</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:f07b5817-784c-4f6e-8f62-fa50a18ec2c3"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:40:12Z</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:52f2f3c9-2a3d-4f03-8940-5110d393fec9"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:40:28Z</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:76d69e64-f321-4cbc-be16-939b96d8cc78"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:40:44Z</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:4aa16b5c-f71a-4d1a-9c48-54e3b1b7bbc7"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:41:00Z</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:046472ef-68e2-4197-99cf-86baa84165b0"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:41:16Z</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:d09200d3-4d05-4615-80ed-6b63946bb73a"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:41:32Z</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:fb64eabd-6881-42e8-9a60-7c3998b6ba1b"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:41:48Z</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:1c5cad60-ab01-437f-911e-c226ffd57fe0"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:42:04Z</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:7643e2f9-b88c-4f3d-9f4c-50fc4ea5b05b"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:42:20Z</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:2e3de8b2-e77f-4c50-940f-b60d170bffcb"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:42:37Z</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:318396c9-e5de-4fd9-a54f-5ba85ee54f5f"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:42:53Z</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:bd0fc4d2-ef91-4311-80a9-9426b4179a87"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:43:09Z</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:48a431be-7a83-4b0f-b784-576eb8dffbd8"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:43:25Z</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:dc7edc38-6434-48f4-92e6-723542e1a7af"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:43:41Z</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:5c503c67-7f86-45b6-a885-34d797ea929c"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:43:57Z</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:ef493fda-281d-429e-a931-56a73e58244f"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:44:13Z</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:08399d8e-5269-40bc-8067-69576bb86ef5"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:44:29Z</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:3c977f0c-375f-426c-9bc6-915ab861e2dc"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:44:46Z</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:94982539-6b6e-4dc3-b49b-76740bb32d9f"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:45:02Z</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:debf4c6d-ba27-40c8-b31a-e94ca804fc3e"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:45:18Z</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:2cd46883-cf04-4db8-893b-1a333a26937e"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:45:34Z</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:836d97bb-50bb-49f6-b430-12a5580e6b59"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2027-04-14T05:45:50Z</next-update-at></nc:rpc-reply>
=====
```

\*\*\*\*\* **Actual Result** \*\*\*\*\*

=====

**##### SYSTEM LOGS #####**

=====

Apr 14 05:37:52 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 1 priority 0 for 1 subscribers.

Apr 14 05:37:52 garuda user.notice supervision[1236]: RPC #1 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 05:37:52 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:38:02Z

Apr 14 05:37:53 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 2 priority 0 for 1 subscribers.

Apr 14 05:37:53 garuda user.notice supervision[1236]: RPC #2 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 05:37:53 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:38:03Z

Apr 14 05:38:03 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:38:03 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 1.

Apr 14 05:38:09 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 3 priority 0 for 1 subscribers.

Apr 14 05:38:09 garuda user.notice supervision[1236]: RPC #3 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 05:38:09 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:38:19Z

Apr 14 05:38:15 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:38:15 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:38:18 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:38:19 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:38:19 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 2.

Apr 14 05:38:25 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 4 priority 0 for 1 subscribers.

Apr 14 05:38:25 garuda user.notice supervision[1236]: RPC #4 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 05:38:25 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:38:35Z

Apr 14 05:38:31 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:38:35 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:38:35 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 3.

Apr 14 05:38:41 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 5 priority 0 for 1 subscribers.

Apr 14 05:38:41 garuda user.notice supervision[1236]: RPC #5 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 05:38:41 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:38:51Z

Apr 14 05:38:47 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:38:51 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:38:51 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 4.

Apr 14 05:38:57 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 6 priority 0 for 1 subscribers.

Apr 14 05:38:57 garuda user.notice supervision[1236]: RPC #6 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 05:38:57 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:39:07Z



Apr 14 05:38:58 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:39:03 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:39:03 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:39:07 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:39:07 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 5.

Apr 14 05:39:13 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 7 priority 0 for 1 subscribers.

Apr 14 05:39:13 garuda user.notice supervision[1236]: RPC #7 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 05:39:13 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:39:23Z

Apr 14 05:39:19 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:39:23 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:39:23 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 6.

Apr 14 05:39:29 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 8 priority 0 for 1 subscribers.

Apr 14 05:39:29 garuda user.notice supervision[1236]: RPC #8 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 05:39:29 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:39:39Z

Apr 14 05:39:35 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:39:39 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:39:39 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 7.

Apr 14 05:39:41 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:39:45 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 9 priority 0 for 1 subscribers.

Apr 14 05:39:45 garuda user.notice supervision[1236]: RPC #9 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 05:39:45 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:39:55Z

Apr 14 05:39:51 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:39:51 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:39:55 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:39:55 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 8.

Apr 14 05:40:02 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 10 priority 0 for 1 subscribers.

Apr 14 05:40:02 garuda user.notice supervision[1236]: RPC #10 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 05:40:02 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:40:12Z

Apr 14 05:40:07 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:40:12 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:40:12 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 9.

Apr 14 05:40:18 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 11 priority 0 for 1 subscribers.

Apr 14 05:40:18 garuda user.notice supervision[1236]: RPC #11 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 05:40:18 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:40:28Z

Apr 14 05:40:24 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:40:24 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:40:27 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:40:28 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:40:28 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 10.

Apr 14 05:40:34 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 12 priority 0 for 1 subscribers.

Apr 14 05:40:34 garuda user.notice supervision[1236]: RPC #12 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Apr 14 05:40:34 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:40:44Z

Apr 14 05:40:40 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:40:44 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:40:44 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 11.

Apr 14 05:40:50 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 13 priority 0 for 1 subscribers.

Apr 14 05:40:50 garuda user.notice supervision[1236]: RPC #13 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Apr 14 05:40:50 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:41:00Z

Apr 14 05:40:56 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:41:00 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:41:00 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 12.

Apr 14 05:41:06 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 14 priority 0 for 1 subscribers.

Apr 14 05:41:06 garuda user.notice supervision[1236]: RPC #14 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Apr 14 05:41:06 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:41:16Z

Apr 14 05:41:07 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:41:12 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:41:12 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:41:16 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:41:16 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 13.

Apr 14 05:41:22 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 15 priority 0 for 1 subscribers.

Apr 14 05:41:22 garuda user.notice supervision[1236]: RPC #15 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Apr 14 05:41:22 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:41:32Z

Apr 14 05:41:28 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:41:32 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:41:32 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 14.

Apr 14 05:41:38 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 16 priority 0 for 1 subscribers.

Apr 14 05:41:38 garuda user.notice supervision[1236]: RPC #16 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Apr 14 05:41:38 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:41:48Z

Apr 14 05:41:44 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:41:48 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:41:48 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 15.

Apr 14 05:41:50 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:41:54 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 17 priority 0 for 1 subscribers.

Apr 14 05:41:54 garuda user.notice supervision[1236]: RPC #17 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 05:41:54 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:42:04Z

Apr 14 05:42:00 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:42:00 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:42:04 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:42:04 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 16.

Apr 14 05:42:10 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 18 priority 0 for 1 subscribers.

Apr 14 05:42:10 garuda user.notice supervision[1236]: RPC #18 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 05:42:10 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:42:20Z

Apr 14 05:42:16 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:42:20 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:42:20 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 17.

Apr 14 05:42:27 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 19 priority 0 for 1 subscribers.

Apr 14 05:42:27 garuda user.notice supervision[1236]: RPC #19 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 05:42:27 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:42:37Z

Apr 14 05:42:32 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:42:33 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:42:35 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:42:37 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:42:37 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 18.

Apr 14 05:42:43 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 20 priority 0 for 1 subscribers.

Apr 14 05:42:43 garuda user.notice supervision[1236]: RPC #20 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 05:42:43 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:42:53Z

Apr 14 05:42:49 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:42:53 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:42:53 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 19.

Apr 14 05:42:59 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 21 priority 0 for 1 subscribers.

Apr 14 05:42:59 garuda user.notice supervision[1236]: RPC #21 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Apr 14 05:42:59 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:43:09Z

Apr 14 05:43:05 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:43:09 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:43:09 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 20.

Apr 14 05:43:15 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 22 priority 0 for 1 subscribers.

Apr 14 05:43:15 garuda user.notice supervision[1236]: RPC #22 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Apr 14 05:43:15 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:43:25Z

Apr 14 05:43:16 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:43:21 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:43:21 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:43:25 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:43:25 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 21.

Apr 14 05:43:31 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 23 priority 0 for 1 subscribers.

Apr 14 05:43:31 garuda user.notice supervision[1236]: RPC #23 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Apr 14 05:43:31 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:43:41Z

Apr 14 05:43:37 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:43:41 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:43:41 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 22.

Apr 14 05:43:47 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 24 priority 0 for 1 subscribers.

Apr 14 05:43:47 garuda user.notice supervision[1236]: RPC #24 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Apr 14 05:43:47 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:43:57Z

Apr 14 05:43:53 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:43:57 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:43:57 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 23.

Apr 14 05:43:59 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:44:03 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 25 priority 0 for 1 subscribers.

Apr 14 05:44:03 garuda user.notice supervision[1236]: RPC #25 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Apr 14 05:44:03 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:44:13Z

Apr 14 05:44:09 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:44:09 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:44:13 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:44:13 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 24.

Apr 14 05:44:19 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 26 priority 0 for 1 subscribers.

Apr 14 05:44:19 garuda user.notice supervision[1236]: RPC #26 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Apr 14 05:44:19 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:44:29Z

Apr 14 05:44:25 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:44:29 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:44:29 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 25.

Apr 14 05:44:35 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 27

priority 0 for 1 subscribers.

Apr 14 05:44:36 garuda user.notice supervision[1236]: RPC #27 recieved from "operator" user. xpath ->

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

Apr 14 05:44:36 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:44:46Z

Apr 14 05:44:41 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:44:42 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:44:44 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:44:46 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:44:46 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 26.

Apr 14 05:44:52 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 28  
priority 0 for 1 subscribers.

Apr 14 05:44:52 garuda user.notice supervision[1236]: RPC #28 recieved from "operator" user. xpath ->

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

Apr 14 05:44:52 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:45:02Z

Apr 14 05:44:58 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:45:02 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:45:02 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 27.

Apr 14 05:45:08 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 29  
priority 0 for 1 subscribers.

Apr 14 05:45:08 garuda user.notice supervision[1236]: RPC #29 recieved from "operator" user. xpath ->

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

Apr 14 05:45:08 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:45:18Z

Apr 14 05:45:14 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:45:18 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:45:18 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 28.

Apr 14 05:45:24 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 30  
priority 0 for 1 subscribers.

Apr 14 05:45:24 garuda user.notice supervision[1236]: RPC #30 recieved from "operator" user. xpath ->

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

Apr 14 05:45:24 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:45:34Z

Apr 14 05:45:25 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:45:30 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:45:30 garuda daemon.info netopeer2-server[860]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Apr 14 05:45:34 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:45:34 garuda daemon.info netopeer2-server[860]: Processing "notif" "o-ran-supervision" event with ID 29.

Apr 14 05:45:40 garuda daemon.info netopeer2-server[860]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 31  
priority 0 for 1 subscribers.

Apr 14 05:45:40 garuda user.notice supervision[1236]: RPC #31 recieved from "operator" user. xpath ->

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

Apr 14 05:45:40 garuda user.info supervision[1236]: "watchdog-reset" received from user 'operator'. Expecting next one at 2027-04-14T05:45:50Z

Apr 14 05:45:46 garuda user.notice supervision[1236]: Guard timer was reset

Apr 14 05:45:50 garuda user.notice supervision[1236]: Interval timer exceeded. Waiting on guard timer...

Apr 14 05:45:50 garuda daemon.info netopeer2-server[860]: 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.**

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<b>M-Plane Connection Supervision (positive case)</b>	<b>=</b>	<b>SUCCESS</b>
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