



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

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

**@ Software Release for LPRU: v1.1.0**

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

=====

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

=====

> connect --ssh --host 192.168.214.37 --port 830 --login operator

Interactive SSH Authentication

Type your password:

Password:

> status

Current NETCONF session:

ID : 4

Host : 192.168.214.37

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 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>1</supervision-notification-interval>
  <guard-timer-overhead>1</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:82ddef15-98b9-4b80-a175-25859e038c08"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:29Z</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:c306f3ac-712b-470d-9d22-ccca9442f962"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:29Z</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:c9c1937f-cc82-4165-933b-d413613331c2"><next-update-at
```

```
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:30Z</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:abc8b270-0c25-4b4b-9205-6eaced1d62eb"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:31Z</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:d91b3175-bee5-4c7a-82cb-6bfe2a2efcbc"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:32Z</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:675d0bea-36ff-4e59-9904-21201ecd41f"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:33Z</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:d394cdc9-ccf1-46b0-aade-60ed74ff9b29"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:35Z</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:0511600b-9d0d-490d-a1e9-6a0ff316a583"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:36Z</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:6b3d5d7a-bd2c-4294-9c28-c997e7e69fc7"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:37Z</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:973f8ee4-3534-4ed7-86cc-44592fd4027c"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:38Z</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:c6699932-a963-4d9c-bd83-07e6abbf357c"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:39Z</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:91804573-8819-47f3-a56e-56959923abd6"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:40Z</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:c786403b-1405-42eb-8ff5-43abae64c6fb"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:41Z</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:411f0bf9-7574-4c57-a83e-6cfd03ce06de"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:42Z</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:f38bd5a0-51ff-4689-8882-bb8407c2826f"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:44Z</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:4bd00935-0540-4085-8240-3fc402710719"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:45Z</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:10581a78-7dc2-45d9-b954-334f79eb6a8d"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:46Z</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:9bfb96ea-de26-4f07-b343-b2b3d67020fa"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:47Z</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:65f1cc44-bbc0-4ba6-b0e3-809b6940d904"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:48Z</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:a7862c38-2873-4b11-a8f0-3586251fde09"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:49Z</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:0eb8cd0e-45b1-40bc-9747-2e60a97fedb8"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:50Z</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:47d9f31a-b816-44b0-9b39-343ff2c98409"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:51Z</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:2b5c6105-41d6-4769-9a45-d51a45f5667a"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:52Z</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:955bf14f-1df2-406f-bebc-a329273263a9"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:54Z</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:304f661a-2652-4146-b87f-3010651c774a"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:55Z</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:c635932b-107f-4a9e-a988-53104d30ac92"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:56Z</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:7e5078ed-eea2-447a-a955-db5441b9cd35"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:57Z</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:9ecd82db-b000-48f5-a09d-c64ffc31c33"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:58Z</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:4c05efa0-5c77-4bb0-8316-83ed5c8c9609"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:05:59Z</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:b87def7c-8f03-4111-b222-0c7d37eea8d3"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:06:00Z</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:69a1129a-257e-4412-a8dc-94eb774ff9c4"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2000-11-04T00:06:01Z</next-update-at></nc:rpc-reply>
=====
```

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

## =====

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

=====

Nov 4 00:05:28 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 1 priority 0 for 1 subscribers.

Nov 4 00:05:28 vvdn\_lpru user.notice supervision[1228]: RPC #1 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:28 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:29Z

Nov 4 00:05:28 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 2 priority 0 for 1 subscribers.

Nov 4 00:05:28 vvdn\_lpru user.notice supervision[1228]: RPC #2 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:28 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:29Z

Nov 4 00:05:29 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:29 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 1.

Nov 4 00:05:29 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 3 priority 0 for 1 subscribers.

Nov 4 00:05:29 vvdn\_lpru user.notice supervision[1228]: RPC #3 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:29 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:30Z

Nov 4 00:05:30 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:30 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:30 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 2.

Nov 4 00:05:30 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 4 priority 0 for 1 subscribers.

Nov 4 00:05:30 vvdn\_lpru user.notice supervision[1228]: RPC #4 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:30 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:31Z

Nov 4 00:05:31 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:31 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:31 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 3.

Nov 4 00:05:31 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 5 priority 0 for 1 subscribers.

Nov 4 00:05:31 vvdn\_lpru user.notice supervision[1228]: RPC #5 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:31 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:32Z

Nov 4 00:05:32 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:32 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:32 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 4.

Nov 4 00:05:32 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 6 priority 0 for 1 subscribers.

Nov 4 00:05:32 vvdn\_lpru user.notice supervision[1228]: RPC #6 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset



Nov 4 00:05:32 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:33Z

Nov 4 00:05:33 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:33 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:33 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 5.

Nov 4 00:05:34 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 7 priority 0 for 1 subscribers.

Nov 4 00:05:34 vvdn\_lpru user.notice supervision[1228]: RPC #7 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:34 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:35Z

Nov 4 00:05:34 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:35 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:35 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 6.

Nov 4 00:05:35 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 8 priority 0 for 1 subscribers.

Nov 4 00:05:35 vvdn\_lpru user.notice supervision[1228]: RPC #8 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:35 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:36Z

Nov 4 00:05:36 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:36 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:36 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 7.

Nov 4 00:05:36 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 9 priority 0 for 1 subscribers.

Nov 4 00:05:36 vvdn\_lpru user.notice supervision[1228]: RPC #9 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:36 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:37Z

Nov 4 00:05:37 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:37 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:37 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 8.

Nov 4 00:05:37 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 10 priority 0 for 1 subscribers.

Nov 4 00:05:37 vvdn\_lpru user.notice supervision[1228]: RPC #10 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:37 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:38Z

Nov 4 00:05:38 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:38 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:38 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 9.

Nov 4 00:05:38 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 11 priority 0 for 1 subscribers.

Nov 4 00:05:38 vvdn\_lpru user.notice supervision[1228]: RPC #11 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:38 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:39Z

Nov 4 00:05:39 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:39 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:39 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 10.

Nov 4 00:05:39 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 12 priority 0 for 1 subscribers.

Nov 4 00:05:39 vvdn\_lpru user.notice supervision[1228]: RPC #12 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:39 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:40Z

Nov 4 00:05:40 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:40 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:40 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 11.

Nov 4 00:05:40 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 13 priority 0 for 1 subscribers.

Nov 4 00:05:40 vvdn\_lpru user.notice supervision[1228]: RPC #13 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:40 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:41Z

Nov 4 00:05:41 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:41 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:41 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 12.

Nov 4 00:05:41 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 14 priority 0 for 1 subscribers.

Nov 4 00:05:41 vvdn\_lpru user.notice supervision[1228]: RPC #14 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:41 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:42Z

Nov 4 00:05:42 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:42 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:42 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 13.

Nov 4 00:05:43 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 15 priority 0 for 1 subscribers.

Nov 4 00:05:43 vvdn\_lpru user.notice supervision[1228]: RPC #15 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:43 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:44Z

Nov 4 00:05:43 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:44 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:44 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 14.

Nov 4 00:05:44 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 16 priority 0 for 1 subscribers.

Nov 4 00:05:44 vvdn\_lpru user.notice supervision[1228]: RPC #16 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:44 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:45Z

Nov 4 00:05:45 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:45 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:45 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 15.

Nov 4 00:05:45 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 17 priority 0 for 1 subscribers.

Nov 4 00:05:45 vvdn\_lpru user.notice supervision[1228]: RPC #17 recieved from "operator" user. xpath ->

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

Nov 4 00:05:45 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:46Z

Nov 4 00:05:46 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:46 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:46 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 16.

Nov 4 00:05:46 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 18 priority 0 for 1 subscribers.

Nov 4 00:05:46 vvdn\_lpru user.notice supervision[1228]: RPC #18 recieved from "operator" user. xpath ->

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

Nov 4 00:05:46 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:47Z

Nov 4 00:05:47 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:47 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:47 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 17.

Nov 4 00:05:47 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 19 priority 0 for 1 subscribers.

Nov 4 00:05:47 vvdn\_lpru user.notice supervision[1228]: RPC #19 recieved from "operator" user. xpath ->

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

Nov 4 00:05:47 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:48Z

Nov 4 00:05:48 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:48 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:48 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 18.

Nov 4 00:05:48 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 20 priority 0 for 1 subscribers.

Nov 4 00:05:48 vvdn\_lpru user.notice supervision[1228]: RPC #20 recieved from "operator" user. xpath ->

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

Nov 4 00:05:48 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:49Z

Nov 4 00:05:49 vvdn\_lpru daemon.info netopeer2-server[859]: There is no instance of "/vvdn\_lpru-wdm:system-apps/supervision", but it is not required.

Nov 4 00:05:49 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:49 vvdn\_lpru daemon.info netopeer2-server[859]: There is no instance of "/vvdn\_lpru-wdm:system-apps/supervision", but it is not required.

Nov 4 00:05:49 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:49 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 19.

Nov 4 00:05:49 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 21 priority 0 for 1 subscribers.

Nov 4 00:05:49 vvdn\_lpru user.notice supervision[1228]: RPC #21 recieved from "operator" user. xpath ->

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

Nov 4 00:05:49 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:50Z

Nov 4 00:05:50 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:50 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:50 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 20.

Nov 4 00:05:50 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 22 priority 0 for 1 subscribers.

Nov 4 00:05:50 vvdn\_lpru user.notice supervision[1228]: RPC #22 recieved from "operator" user. xpath ->

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

Nov 4 00:05:50 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:51Z

Nov 4 00:05:51 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:51 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:51 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 21.

Nov 4 00:05:51 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 23 priority 0 for 1 subscribers.

Nov 4 00:05:51 vvdn\_lpru user.notice supervision[1228]: RPC #23 recieved from "operator" user. xpath ->

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

Nov 4 00:05:51 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:52Z

Nov 4 00:05:52 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:52 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:52 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 22.

Nov 4 00:05:53 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 24 priority 0 for 1 subscribers.

Nov 4 00:05:53 vvdn\_lpru user.notice supervision[1228]: RPC #24 recieved from "operator" user. xpath ->

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

Nov 4 00:05:53 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:54Z

Nov 4 00:05:53 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:54 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:54 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 23.

Nov 4 00:05:54 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 25 priority 0 for 1 subscribers.

Nov 4 00:05:54 vvdn\_lpru user.notice supervision[1228]: RPC #25 recieved from "operator" user. xpath ->

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

Nov 4 00:05:54 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:55Z

Nov 4 00:05:55 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:55 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:55 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 24.

Nov 4 00:05:55 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 26 priority 0 for 1 subscribers.

Nov 4 00:05:55 vvdn\_lpru user.notice supervision[1228]: RPC #26 recieved from "operator" user. xpath ->

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

Nov 4 00:05:55 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:56Z

Nov 4 00:05:56 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:56 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:56 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 25.

Nov 4 00:05:56 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 27 priority 0 for 1 subscribers.

Nov 4 00:05:56 vvdn\_lpru user.notice supervision[1228]: RPC #27 recieved from "operator" user. xpath ->

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

Nov 4 00:05:56 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:57Z

Nov 4 00:05:57 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:57 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:57 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 26.

Nov 4 00:05:57 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 28 priority 0 for 1 subscribers.

Nov 4 00:05:57 vvdn\_lpru user.notice supervision[1228]: RPC #28 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:57 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:58Z

Nov 4 00:05:58 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:58 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:58 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 27.

Nov 4 00:05:58 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 29 priority 0 for 1 subscribers.

Nov 4 00:05:58 vvdn\_lpru user.notice supervision[1228]: RPC #29 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:58 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:05:59Z

Nov 4 00:05:59 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:05:59 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:05:59 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 28.

Nov 4 00:05:59 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 30 priority 0 for 1 subscribers.

Nov 4 00:05:59 vvdn\_lpru user.notice supervision[1228]: RPC #30 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Nov 4 00:05:59 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:06:00Z

Nov 4 00:06:00 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:06:00 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:06:00 vvdn\_lpru daemon.info netopeer2-server[859]: Processing "notif" "o-ran-supervision" event with ID 29.

Nov 4 00:06:00 vvdn\_lpru daemon.info netopeer2-server[859]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 31 priority 0 for 1 subscribers.

Nov 4 00:06:00 vvdn\_lpru user.notice supervision[1228]: RPC #31 recieved from "operator" user. xpath ->  
/o-ran-supervision:supervision-watchdog-reset

Nov 4 00:06:00 vvdn\_lpru user.info supervision[1228]: "watchdog-reset" received from user 'operator'. Expecting next one at 2000-11-04T00:06:01Z

Nov 4 00:06:01 vvdn\_lpru user.notice supervision[1228]: Guard timer was reset

Nov 4 00:06:01 vvdn\_lpru user.notice supervision[1228]: Interval timer exceeded. Waiting on guard timer...

Nov 4 00:06:01 vvdn\_lpru daemon.info netopeer2-server[859]: 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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