



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

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

**@ Software Release for Garuda\_RevD: v5.0.0**

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

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

```
> connect --ssh --host 192.168.4.46 --port 830 --login operator
```

Interactive SSH Authentication

Type your password:

Password:

```
> status
```

Current NETCONF session:

ID : 8

Host : 192.168.4.46

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>20</supervision-notification-interval>
  <guard-timer-overhead>20</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:582586fd-085f-443a-b3fa-ea9f606182ee"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:19:05Z</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:0d783b19-af6a-44c8-888f-4fec2e610b75"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:19:05Z</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:1bb628f5-a388-49a7-87d5-2b53b2bbc057"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:19:35Z</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:b9fa62a2-9aa3-470d-a20c-fee596a3e9a9"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:20:05Z</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:e708a0ba-cb53-4e25-82ef-2542a1a42b1e"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:20:35Z</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:0ada4ff6-7ac3-49bb-833d-ad8e81aab966"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:21:05Z</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:dc590d72-d809-45eb-8743-226762d064c0"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:21:35Z</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:6fcca971-5cc9-4fe9-aecd-d39e5d53f7b0"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:22:05Z</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:b19d4308-1401-4208-9f5a-2a38c45903b6"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:22:36Z</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:939bef96-a890-4d1e-9a79-6f37613d83c8"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:23:06Z</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:93919d84-31be-46ad-ac1e-56d5960d75ec"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:23:36Z</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:59e22ede-c666-4c4f-862a-02af0078cf61"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:24:06Z</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:4588065b-deed-4cca-9c4e-008eb05c04c5"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:24:36Z</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:08c7dd1b-c6a2-41d6-8cff-b8a95415f98b"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:25:06Z</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:2549b564-3170-4abf-a7ca-a12787162927"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:25:36Z</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:b1c29531-5ad8-40eb-8097-bc721dccc28f"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:26:06Z</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:00432ea6-9957-4afd-a22d-2f24df346204"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:26:37Z</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:22046b2e-fc05-4d7a-bc58-fe5d7c62b547"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:27:07Z</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:f7f19b32-49c3-4e02-a7a0-60ddc7b42f50"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:27:37Z</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:d5cceb72-5f5f-4092-82df-62f2b9eabf04"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:28:07Z</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:096ca18d-10b3-4e42-8a72-a7150640b3f4"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:28:37Z</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:08c68e57-8254-4847-a0be-18f82764da11"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:29:07Z</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:7f31800d-4e37-478b-9904-ca37c302eb09"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:29:37Z</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:1d25a363-703a-491e-b8dc-0a05ab008f3a"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:30:08Z</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:aa8873f4-487d-4ab0-b07f-eb9f5d048426"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:30:38Z</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:e697faa7-34a2-4f5b-be5c-896922cc4100"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:31:08Z</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:ae5fc257-7e12-487e-a0e8-2c7d0bacd8eb"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:31:38Z</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:8cd63dc8-f58a-4fdd-8f68-5d954eabf550"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:32:08Z</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:aef37ead-8cd5-4a18-964e-bb1fc457d187"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:32:38Z</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:9f10a8c8-3887-4bdf-95b3-cf5264f2623a"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:33:08Z</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:7d0b4044-0d2b-42c6-9099-4ab6b93df2c8"><next-update-at
xmlns="urn:o-ran:supervision:1.0">2022-08-02T18:33:38Z</next-update-at></nc:rpc-reply>
```

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

Aug 2 18:18:45 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 1 priority 0 for 1 subscribers.

Aug 2 18:18:45 garuda user.notice supervision[1214]: RPC #1 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:18:45 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:19:05Z

Aug 2 18:18:45 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 2 priority 0 for 1 subscribers.

Aug 2 18:18:45 garuda user.notice supervision[1214]: RPC #2 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:18:45 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:19:05Z

Aug 2 18:18:58 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:18:59 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:19:05 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:19:05 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 1.

Aug 2 18:19:15 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 3 priority 0 for 1 subscribers.

Aug 2 18:19:15 garuda user.notice supervision[1214]: RPC #3 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:19:15 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:19:35Z

Aug 2 18:19:25 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:19:35 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:19:35 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 2.

Aug 2 18:19:41 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:19:45 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 4 priority 0 for 1 subscribers.

Aug 2 18:19:45 garuda user.notice supervision[1214]: RPC #4 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:19:45 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:20:05Z

Aug 2 18:19:55 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:19:55 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:20:05 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:20:05 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 3.

Aug 2 18:20:15 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 5 priority 0 for 1 subscribers.

Aug 2 18:20:15 garuda user.notice supervision[1214]: RPC #5 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:20:15 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:20:35Z

Aug 2 18:20:24 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.



Aug 2 18:20:25 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:20:25 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:20:35 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:20:35 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 4.

Aug 2 18:20:45 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 6 priority 0 for 1 subscribers.

Aug 2 18:20:45 garuda user.notice supervision[1214]: RPC #6 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:20:45 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:21:05Z

Aug 2 18:20:55 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:21:05 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:21:05 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 5.

Aug 2 18:21:07 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:21:15 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 7 priority 0 for 1 subscribers.

Aug 2 18:21:15 garuda user.notice supervision[1214]: RPC #7 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:21:15 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:21:35Z

Aug 2 18:21:25 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:21:25 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:21:35 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:21:35 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 6.

Aug 2 18:21:45 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 8 priority 0 for 1 subscribers.

Aug 2 18:21:45 garuda user.notice supervision[1214]: RPC #8 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:21:45 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:22:05Z

Aug 2 18:21:50 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:21:55 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:21:55 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:22:05 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:22:05 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 7.

Aug 2 18:22:16 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 9 priority 0 for 1 subscribers.

Aug 2 18:22:16 garuda user.notice supervision[1214]: RPC #9 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:22:16 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:22:36Z

Aug 2 18:22:25 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:22:33 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:22:34 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:22:36 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:22:36 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 8.

Aug 2 18:22:46 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 10 priority 0 for 1 subscribers.

Aug 2 18:22:46 garuda user.notice supervision[1214]: RPC #10 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:22:46 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:23:06Z

Aug 2 18:22:56 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:23:06 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:23:06 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 9.

Aug 2 18:23:16 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 11 priority 0 for 1 subscribers.

Aug 2 18:23:16 garuda user.notice supervision[1214]: RPC #11 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:23:16 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:23:36Z

Aug 2 18:23:16 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:23:26 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:23:26 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:23:36 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:23:36 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 10.

Aug 2 18:23:46 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 12 priority 0 for 1 subscribers.

Aug 2 18:23:46 garuda user.notice supervision[1214]: RPC #12 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:23:46 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:24:06Z

Aug 2 18:23:56 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:23:59 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:24:02 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:24:06 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:24:06 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 11.

Aug 2 18:24:16 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 13 priority 0 for 1 subscribers.

Aug 2 18:24:16 garuda user.notice supervision[1214]: RPC #13 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:24:16 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:24:36Z

Aug 2 18:24:26 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:24:36 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:24:36 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 12.

Aug 2 18:24:42 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:24:46 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 14 priority 0 for 1 subscribers.

Aug 2 18:24:46 garuda user.notice supervision[1214]: RPC #14 recieved from "operator" user. xpath ->

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

Aug 2 18:24:46 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:25:06Z

Aug 2 18:24:56 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:24:56 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:25:06 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:25:06 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 13.

Aug 2 18:25:16 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 15 priority 0 for 1 subscribers.

Aug 2 18:25:16 garuda user.notice supervision[1214]: RPC #15 recieved from "operator" user. xpath ->

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

Aug 2 18:25:16 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:25:36Z

Aug 2 18:25:25 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:25:26 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:25:26 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:25:36 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:25:36 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 14.

Aug 2 18:25:46 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 16 priority 0 for 1 subscribers.

Aug 2 18:25:46 garuda user.notice supervision[1214]: RPC #16 recieved from "operator" user. xpath ->

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

Aug 2 18:25:46 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:26:06Z

Aug 2 18:25:56 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:26:06 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:26:06 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 15.

Aug 2 18:26:08 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:26:17 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 17 priority 0 for 1 subscribers.

Aug 2 18:26:17 garuda user.notice supervision[1214]: RPC #17 recieved from "operator" user. xpath ->

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

Aug 2 18:26:17 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:26:37Z

Aug 2 18:26:26 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:26:26 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:26:37 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:26:37 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 16.

Aug 2 18:26:47 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 18 priority 0 for 1 subscribers.

Aug 2 18:26:47 garuda user.notice supervision[1214]: RPC #18 recieved from "operator" user. xpath ->

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

Aug 2 18:26:47 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:27:07Z

Aug 2 18:26:51 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:26:57 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:26:57 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:27:07 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:27:07 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 17.

Aug 2 18:27:17 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 19 priority 0 for 1 subscribers.

Aug 2 18:27:17 garuda user.notice supervision[1214]: RPC #19 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:27:17 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:27:37Z

Aug 2 18:27:27 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:27:34 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:27:36 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:27:37 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:27:37 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 18.

Aug 2 18:27:47 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 20 priority 0 for 1 subscribers.

Aug 2 18:27:47 garuda user.notice supervision[1214]: RPC #20 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:27:47 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:28:07Z

Aug 2 18:27:57 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:28:07 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:28:07 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 19.

Aug 2 18:28:17 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 21 priority 0 for 1 subscribers.

Aug 2 18:28:17 garuda user.notice supervision[1214]: RPC #21 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:28:17 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:28:37Z

Aug 2 18:28:17 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:28:27 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:28:27 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:28:37 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:28:37 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 20.

Aug 2 18:28:47 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 22 priority 0 for 1 subscribers.

Aug 2 18:28:47 garuda user.notice supervision[1214]: RPC #22 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:28:47 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:29:07Z

Aug 2 18:28:57 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:29:00 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:29:03 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:29:07 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:29:07 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 21.

Aug 2 18:29:17 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 23 priority 0 for 1 subscribers.

Aug 2 18:29:17 garuda user.notice supervision[1214]: RPC #23 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:29:17 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:29:37Z

Aug 2 18:29:27 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:29:37 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:29:37 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 22.

Aug 2 18:29:44 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:29:48 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 24 priority 0 for 1 subscribers.

Aug 2 18:29:48 garuda user.notice supervision[1214]: RPC #24 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:29:48 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:30:08Z

Aug 2 18:29:57 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:29:57 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:30:08 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:30:08 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 23.

Aug 2 18:30:18 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 25 priority 0 for 1 subscribers.

Aug 2 18:30:18 garuda user.notice supervision[1214]: RPC #25 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:30:18 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:30:38Z

Aug 2 18:30:27 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:30:28 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:30:28 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:30:38 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:30:38 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 24.

Aug 2 18:30:48 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 26 priority 0 for 1 subscribers.

Aug 2 18:30:48 garuda user.notice supervision[1214]: RPC #26 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:30:48 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:31:08Z

Aug 2 18:30:58 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:31:08 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:31:08 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 25.

Aug 2 18:31:10 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:31:18 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 27 priority 0 for 1 subscribers.

Aug 2 18:31:18 garuda user.notice supervision[1214]: RPC #27 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:31:18 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:31:38Z

Aug 2 18:31:28 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:31:28 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:31:38 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:31:38 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 26.

Aug 2 18:31:48 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 28 priority 0 for 1 subscribers.

Aug 2 18:31:48 garuda user.notice supervision[1214]: RPC #28 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:31:48 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:32:08Z

Aug 2 18:31:53 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:31:58 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:31:58 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:32:08 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:32:08 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 27.

Aug 2 18:32:18 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 29 priority 0 for 1 subscribers.

Aug 2 18:32:18 garuda user.notice supervision[1214]: RPC #29 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:32:18 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:32:38Z

Aug 2 18:32:28 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:32:36 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:32:37 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:32:38 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:32:38 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 28.

Aug 2 18:32:48 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 30 priority 0 for 1 subscribers.

Aug 2 18:32:48 garuda user.notice supervision[1214]: RPC #30 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:32:48 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:33:08Z

Aug 2 18:32:58 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:33:08 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:33:08 garuda daemon.info netopeer2-server[848]: Processing "notif" "o-ran-supervision" event with ID 29.

Aug 2 18:33:18 garuda daemon.info netopeer2-server[848]: Published event "rpc" "/o-ran-supervision:supervision-watchdog-reset" with ID 31 priority 0 for 1 subscribers.

Aug 2 18:33:18 garuda user.notice supervision[1214]: RPC #31 recieved from "operator" user. xpath -> /o-ran-supervision:supervision-watchdog-reset

Aug 2 18:33:18 garuda user.info supervision[1214]: "watchdog-reset" received from user 'operator'. Expecting next one at 2022-08-02T18:33:38Z

Aug 2 18:33:19 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not required.

Aug 2 18:33:28 garuda user.notice supervision[1214]: Guard timer was reset

Aug 2 18:33:28 garuda daemon.info netopeer2-server[848]: There is no instance of "/stli\_giru-wdm:system-apps/supervision", but it is not

required.

Aug 2 18:33:38 garuda user.notice supervision[1214]: Interval timer exceeded. Waiting on guard timer...

Aug 2 18:33:38 garuda daemon.info netopeer2-server[848]: 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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\*\*\*\*\* Actual Result \*\*\*\*\*

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

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