



@ FILE NAME: M_CTC_ID_027.txt

@ TEST SCOPE: M PLANE O-RAN CONFORMANCE

@ Software Release for MCB1: v1.0.7

Test Description: This scenario is MANDATORY.

The test scenario is intentionally limited to scope that shall be testable without a need to modify test scenario

according O-RU's hardware design.

This test verifies that the O-RU NETCONF Server supports configurability with validation.

This scenario corresponds to the following chapters in [3]:

6 Configuration Management

12.2 User plane message routing



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

> connect --ssh --host 192.168.3.38 --port 830 --login operator 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 : 2

Host : 192.168.3.38

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=63 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:iana-crypt-hash?module=iana-crypt-hash&revision=2014-08-06 urn:notification_history?module=notification_history

urn:ietf:params:xml:ns:yang:ietf-x509-cert-to-name?module=ietf-x509-cert-to-name&revision=2014-12-10

> subscribe --filter-xpath /ietf-netconf-notifications:*

urn:ietf:params:xml:ns:yang:iana-if-type?module=iana-if-type&revision=2017-01-19

Ok



> get --filter-xpath /o-ran-uplane-conf:user-plane-configuration <?xml version="1.0" ?> <data xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0"> <user-plane-configuration xmlns="urn:o-ran:uplane-conf:1.0"> <tx-arrays> <name>slltx-endpoint0</name> <number-of-rows>1</number-of-rows> <number-of-columns>1</number-of-columns> <number-of-array-layers>1</number-of-array-layers> <horizontal-spacing>1.0</horizontal-spacing> <vertical-spacing>1.0</vertical-spacing> <normal-vector-direction> <azimuth-angle>1.0</azimuth-angle> <zenith-angle>1.0</zenith-angle> </normal-vector-direction> <leftmost-bottom-array-element-position> < x > 1.0 < / x ><y>1.0</y> < z > 1.0 < /z ></leftmost-bottom-array-element-position> <bar>d-number>28</band-number> <capabilities> $<\!max\text{-supported-frequency-dl}\!\!>\!\!803000000\!<\!/max\text{-supported-frequency-dl}\!\!>\!$ </capabilities> <capabilities> <min-supported-frequency-dl>758000000</min-supported-frequency-dl> </capabilities> <capabilities> <max-supported-bandwidth-dl>20000000 </capabilities> <capabilities> <max-num-carriers-dl>2</max-num-carriers-dl> </capabilities> <capabilities> <max-carrier-bandwidth-dl>20000000</max-carrier-bandwidth-dl> </capabilities> <capabilities> <min-carrier-bandwidth-dl>1400000</min-carrier-bandwidth-dl> </capabilities> </tx-arrays> <tx-arrays>

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STEP 1 The TER NETCONF Client assigns unique eAxC_IDs to low-level-rx-endpoints. The same set of eAxC_IDs is also assigned to low-level-tx-endpoints. The TER NETCONF Client uses <rpc><editconfig>. > edit-config --target running --config --defop replace ****** Replace with below xml ****** ______ <config xmlns="urn:ietf:params:xml:ns:netconf:base:1.0"> <user-plane-configuration xmlns="urn:o-ran:uplane-conf:1.0"> <low-level-tx-links> <name>lltxlink0</name> cprocessing-element>element0/processing-element> <tx-array-carrier>txarraycarrier0</tx-array-carrier> <low-level-tx-endpoint>slltx-endpoint0</low-level-tx-endpoint> </low-level-tx-links> <low-level-tx-links> <name>lltxlink1</name> cprocessing-element>element0/processing-element> <tx-array-carrier>txarraycarrier0</tx-array-carrier> <low-level-tx-endpoint>slltx-endpoint1</low-level-tx-endpoint> </low-level-tx-links> <low-level-tx-links> <name>lltxlink2</name> cprocessing-element>element0/processing-element> <tx-array-carrier>txarraycarrier0</tx-array-carrier> <low-level-tx-endpoint>slltx-endpoint2</low-level-tx-endpoint> </low-level-tx-links> <low-level-tx-links> <name>lltxlink3</name> cprocessing-element>element0/processing-element> <tx-array-carrier>txarraycarrier0</tx-array-carrier> <low-level-tx-endpoint>slltx-endpoint3</low-level-tx-endpoint> low-level-tx-links> <low-level-rx-links> <name>llrxlink0</name> cprocessing-element>element0/processing-element> <rx-array-carrier>rxarraycarrier0</rx-array-carrier> <low-level-rx-endpoint>sllrx-endpoint0</low-level-rx-endpoint> </low-level-rx-links>

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 <scs>KHZ_15</scs>
<e-axcid>
 <o-du-port-bitmask>65024</o-du-port-bitmask>
 <bar><band-sector-bitmask>448</band-sector-bitmask>
 <ccid-bitmask>56</ccid-bitmask>
 <ru-port-bitmask>7</ru-port-bitmask>
 <eaxc-id>1</eaxc-id>
</e-axcid>
<non-time-managed-delay-enabled>false</non-time-managed-delay-enabled>
/low-level-rx-endpoints>
<low-level-rx-endpoints>
<name>sllrx-endpoint1</name>
<compression>
 <compression-type>STATIC</compression-type>
 <iq-bitwidth>16</iq-bitwidth>
</compression>
<cp-length>352</cp-length>
<cp-length-other>288</cp-length-other>
<offset-to-absolute-frequency-center>0</offset-to-absolute-frequency-center>
<number-of-prb-per-scs>
 <\!\!scs\!\!>\!\!KHZ\_15<\!\!/scs\!\!>
 <number-of-prb>273</number-of-prb>
</number-of-prb-per-scs>
<ul-fft-sampling-offsets>
 <scs>KHZ_15</scs>
<e-axcid>
 <o-du-port-bitmask>65024</o-du-port-bitmask>
 <bar><band-sector-bitmask>448</band-sector-bitmask>
```



```
<ccid-bitmask>56</ccid-bitmask>
 <ru-port-bitmask>7</ru-port-bitmask>
 <eaxc-id>2</eaxc-id>
</e-axcid>
<non-time-managed-delay-enabled>false</non-time-managed-delay-enabled>
</low-level-rx-endpoints>
<low-level-rx-endpoints>
<name>sllrx-endpoint2</name>
<compression>
 <compression-type>STATIC</compression-type>
 <iq-bitwidth>16</iq-bitwidth>
</compression>
<cp-length>352</cp-length>
<cp-length-other>288</cp-length-other>
<offset-to-absolute-frequency-center>0</offset-to-absolute-frequency-center>
<number-of-prb-per-scs>
 <scs>KHZ_15</scs>
 <number-of-prb>273</number-of-prb>
</number-of-prb-per-scs>
<ul-fft-sampling-offsets>
 <scs>KHZ_15</scs>
<e-axcid>
 <o-du-port-bitmask>65024</o-du-port-bitmask>
 <bar><br/>band-sector-bitmask>448</band-sector-bitmask>
 <ccid-bitmask>56</ccid-bitmask>
 <ru-port-bitmask>7</ru-port-bitmask>
 <eaxc-id>3</eaxc-id>
</e-axcid>
<non-time-managed-delay-enabled>false</non-time-managed-delay-enabled>
</low-level-rx-endpoints>
<low-level-rx-endpoints>
<name>sllrx-endpoint3</name>
<compression>
 <compression-type>STATIC</compression-type>
 <iq-bitwidth>16</iq-bitwidth>
</compression>
<cp-length>352</cp-length>
<cp-length-other>288</cp-length-other>
<offset-to-absolute-frequency-center>0</offset-to-absolute-frequency-center>
<number-of-prb-per-scs>
 <scs>KHZ_15</scs>
 <number-of-prb>273</number-of-prb>
</number-of-prb-per-scs>
<ul-fft-sampling-offsets>
 <scs>KHZ_15</scs>
<e-axcid>
 <o-du-port-bitmask>65024</o-du-port-bitmask>
```



```
<bar><br/>band-sector-bitmask>448</band-sector-bitmask>
  <ccid-bitmask>56</ccid-bitmask>
  <ru-port-bitmask>7</ru-port-bitmask>
  <eaxc-id>4</eaxc-id>
 </e-axcid>
 <non-time-managed-delay-enabled>false</non-time-managed-delay-enabled>
/low-level-rx-endpoints>
<tx-array-carriers>
  <name>txarraycarrier0</name>
  <absolute-frequency-center>438000</absolute-frequency-center>
  <center-of-channel-bandwidth>2190000000</center-of-channel-bandwidth>
  <channel-bandwidth>20000000</channel-bandwidth>
  <gain>0</gain>
  <downlink-radio-frame-offset>0</downlink-radio-frame-offset>
  <downlink-sfn-offset>0</downlink-sfn-offset>
  <rw-duplex-scheme>TDD</rw-duplex-scheme>
  <rw-type>NR</rw-type>
</tx-array-carriers>
<rx-array-carriers>
  <name>rxarraycarrier0</name>
  <absolute-frequency-center>390000</absolute-frequency-center>
  <center-of-channel-bandwidth>1950000000</center-of-channel-bandwidth>
  <channel-bandwidth>2000000</channel-bandwidth>
  <downlink-radio-frame-offset>0</downlink-radio-frame-offset>
  <downlink-sfn-offset>0</downlink-sfn-offset>
  <gain-correction>0</gain-correction>
  <n-ta-offset>25600</n-ta-offset>
</rx-array-carriers>
</user-plane-configuration>
             </config>
```



SYSTEM LOGS

- Nov 4 00:00:25 mcb1 daemon.info netopeer2-server[986]: Trying to connect the pending socket 36.
- Nov 4 00:00:30 mcb1 daemon.info netopeer2-server[986]: Timed out after 5s (Operation now in progress).
- Nov 4 00:00:30 mcb1 daemon.err netopeer2-server[986]: Failed to connect socket 36 after 5 retries, closing.
- Nov 4 00:00:31 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4336.
- Nov 4 00:00:32 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:00:32 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:00:32 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- $Nov\ 4\ 00:00:32\ mcb1\ user.warn\ pm_manager [1373]:\ Failed\ to\ open\ / media/sd-mmcblk 0p4/O-RAN/log/timezone.\ Using\ default\ value...$
- Nov 4 00:00:32 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- $Nov\ 4\ 00:00:32\ mcb1\ user.warn\ pm_manager[1373]:\ Failed\ to\ open\ / media/sd-mmcblk0p4/O-RAN/log/timezone.\ Using\ default\ value...$
- $Nov\ 4\ 00:00:32\ mcb1\ user.warn\ pm_manager[1373]:\ Failed\ to\ open\ / media/sd-mmcblk0p4/O-RAN/log/timezone.\ Using\ default\ value...$
- $Nov\ 4\ 00:00:32\ mcb1\ user.warn\ pm_manager [1373]:\ Failed\ to\ open\ / media/sd-mmcblk0p4/O-RAN/log/timezone.\ Using\ default\ value...$
- Nov 4 00:00:32 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:00:34 mcb1 user.notice SYNCMNGR[1307]: Received message from S-Plane
- Nov 4 00:00:36 mcb1 daemon.info netopeer2-server[986]: Timed out after 5s (Operation now in progress).
- Nov 4 00:00:37 mcb1 daemon.info netopeer2-server[986]: Trying to connect the pending socket 27.
- Nov 4 00:00:38 mcb1 authpriv.notice sshd[2028]: pam_unix(sshd:auth): authentication failure; logname= uid=0 euid=0 tty=ssh ruser=
- rhost=192.168.3.15 user=root
- Nov 4 00:00:42 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:00:42 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- $Nov\ 4\ 00:00:42\ mcb1\ user.warn\ pm_manager [1373]:\ Failed\ to\ open\ / media/sd-mmcblk 0p4/O-RAN/log/timezone.\ Using\ default\ value...$
- $Nov\ 4\ 00:00:42\ mcb1\ user.warn\ pm_manager[1373]:\ Failed\ to\ open\ / media/sd-mmcblk0p4/O-RAN/log/timezone.\ Using\ default\ value...$
- Nov 4 00:00:42 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:00:42 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value... Nov 4 00:00:42 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:00:42 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:00:42 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:00:42 mcb1 daemon.info netopeer2-server[986]: Timed out after 5s (Operation now in progress).
- Nov 4 00:00:43 mcb1 daemon.info netopeer2-server[986]: Trying to connect the pending socket 27.
- Nov 4 00:00:44 mcb1 user.notice SYNCMNGR[1307]: Received message from S-Plane
- Nov 4 00:00:46 mcb1 authpriv.debug sshd[2028]: pam_unix(sshd:account): account root has password changed in future
- Nov 4 00:00:46 mcb1 auth.info sshd[2028]: Accepted password for root from 192.168.3.15 port 55566 ssh2
- Nov 4 00:00:46 mcb1 authpriv.info sshd[2028]: pam_unix(sshd:session): session opened for user root by (uid=0)
- Nov 4 00:00:48 mcb1 daemon.info netopeer2-server[986]: Timed out after 5s (Operation now in progress).
- Nov 4 00:00:49 mcb1 daemon.info netopeer2-server[986]: Trying to connect the pending socket 27.
- Nov 4 00:00:50 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (No route to host).
- Nov 4 00:00:51 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4336.
- Nov 4 00:00:52 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:00:52 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- $Nov\ 4\ 00:00:52\ mcb1\ user.warn\ pm_manager[1373]:\ Failed\ to\ open\ / media/sd-mmcblk0p4/O-RAN/log/timezone.\ Using\ default\ value...$
- Nov 4 00:00:52 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:00:52 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value... Nov 4 00:00:52 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:00:52 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:00:52 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...



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Nov 4 00:00:52 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:00:54 mcb1 user.notice SYNCMNGR[1307]: Received message from S-Plane
Nov 4 00:00:54 mcb1 user.notice wd_manager[1442]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/fw_manager
Nov 4 00:00:54 mcb1 user.notice wd_manager[1442]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/nw_manager
Nov 4 00:00:54 mcb1 user.notice wd_manager[1442]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/operations_manager
Nov 4 00:00:54 mcb1 user.notice wd manager[1442]: Value is 1 for Xpath /vvdn mcel-wdm:system-apps/pm manager
Nov 4 00:00:54 mcb1 user.notice wd manager[1442]: Value is 1 for Xpath /vvdn mcel-wdm:system-apps/um manager
Nov 4 00:00:54 mcb1 user.notice wd manager[1442]: Value is 1 for Xpath /vvdn mcel-wdm:system-apps/sys monitor
Nov 4 00:00:54 mcb1 user.notice wd manager[1442]: Value is 1 for Xpath /vvdn mcel-wdm:system-apps/fault manager
Nov 4 00:00:54 mcb1 user.notice wd_manager[1442]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/file_manager
Nov 4 00:00:54 mcb1 user.notice wd_manager[1442]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/supervision
Nov 4 00:00:54 mcb1 user.notice wd_manager[1442]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/sync_manager
Nov 4 00:00:54 mcb1 user.notice wd_manager[1442]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/ald_controller
Nov 4 00:00:54 mcb1 user.notice wd_manager[1442]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/log_manager
Nov 4 00:00:54 mcb1 user.notice wd_manager[1442]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/radio_manager
Nov 4 00:00:54 mcb1 user.notice wd_manager[1442]: Value is 1 for Xpath /vvdn_mcel-wdm:system-apps/cli_manager
Nov 4 00:00:54 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (No route to host).
Nov 4 00:00:55 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 00:00:57 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (No route to host).
Nov 4 00:00:58 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 00:01:00 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (No route to host).
Nov 4 00:01:01 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 00:01:02 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:02 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:02 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:02 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:02 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:02 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:02 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:02 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:02 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:03 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (No route to host).
Nov 4 00:01:04 mcb1 user.notice SYNCMNGR[1307]: Received message from S-Plane
Nov 4 00:01:04 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 00:01:06 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (No route to host).
Nov 4 00:01:07 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 00:01:09 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (No route to host).
Nov 4 00:01:10 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4336.
Nov 4 00:01:12 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:12 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:12 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:12 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:12 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:12 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:12 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:12 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:12 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
Nov 4 00:01:12 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (No route to host).
Nov 4 00:01:13 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4336.
```



- Nov 4 00:01:14 mcb1 user.notice SYNCMNGR[1307]: Received message from S-Plane Nov 4 00:01:15 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (No route to host). Nov 4 00:01:16 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4336. Nov 4 00:01:18 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (No route to host). Nov 4 00:01:19 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4336. Nov 4 00:01:21 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (No route to host). Nov 4 00:01:22 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value... Nov 4 00:01:22 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value... Nov 4 00:01:22 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value... Nov 4 00:01:22 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value... Nov 4 00:01:22 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value... Nov 4 00:01:22 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value... Nov 4 00:01:22 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value... Nov 4 00:01:22 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value... Nov 4 00:01:22 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value... Nov 4 00:01:22 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4336. Nov 4 00:01:24 mcb1 user.notice SYNCMNGR[1307]: Received message from S-Plane Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Accepted a connection on :::830. Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Session 128 (user "root", CID 1) created. Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-service" of subtype "ssh-userauth". Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-auth" of subtype "password". Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: User "operator" authenticated. Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-channel-open" of subtype "session". Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-channel" of subtype "subsystem". Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Session 129 (user "root", CID 1) created. Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: There are no subscribers for "ietf-netconf-notifications" notifications. Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Generated new event (netconf-session-start). Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints... Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved. Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints... Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved. Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/ietf-netconf:get" with ID 4 priority 0 for 1 subscribers. Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Processing "/ietf-netconf:get" "rpc" event with ID 4 priority 0 (remaining 1 subscribers).
- Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Successful processing of "rpc" event with ID 4 priority 0 (remaining 0 subscribers).
- Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Event "rpc" with ID 4 priority 0 succeeded.
- Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...
- Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.
- Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Session 2: thread 2 event new RPC.
- Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...
- Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.
- Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...
- Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.
- Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/ietf-netconf:get" with ID 5 priority 0 for 1 subscribers.
- Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Processing "/ietf-netconf:get" "rpc" event with ID 5 priority 0 (remaining 1 subscribers).
- Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...
- Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: There is no leafref
- "/ietf-keystore:keystore/ietf-keystore:asymmetric-keys/ietf-keystore:asymmetric-key/ietf-keystore:name" with the value "genkey", but it is not



required.

Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/ietf-keystore:keystore/ietf-keystore:asymmetric-keys/ietf-keystore:asymmetric-key/ietf-keystore:name" with the value "genkey", but it is not required.

Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Nov 4 00:01:24 mcb1 daemon.info netopeer2-server[986]: Published event "operational" "/o-ran-software-management:software-inventory" with ID 2

Nov 4 00:01:24 mcb1 user.notice fw_manager[1061]: RPC #2 recieved. xpath -> /o-ran-software-management:software-inventory

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (No route to host).

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 2 succeeded.

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: There is no leafref

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

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: There is no leafref

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

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: There is no leafref

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

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Successful processing of "rpc" event with ID 5 priority 0 (remaining 0 subscribers).

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Event "rpc" with ID 5 priority 0 succeeded.

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: There is no leafref

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

Nov $4\,00:01:25\,$ mcb1 daemon.info netopeer2-server[986]: There is no leafref

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

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: There is no leafref

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

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Session 2: thread 4 event new RPC.

 $Nov\ \ 4\ 00:01:25\ mcb1\ daemon. info\ net opeer 2-server [986]:\ Resolving\ unresolved\ data\ nodes\ and\ their\ constraints...$

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/ietf-netconf:get-config" with ID 3 priority 0 for 1 subscribers.

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Processing "/ietf-netconf:get-config" "rpc" event with ID 3 priority 0 (remaining 1 subscribers).

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Successful processing of "rpc" event with ID 3 priority 0 (remaining 0 subscribers).

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Event "rpc" with ID 3 priority 0 succeeded.

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port1", but it is not required.

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port1", but it is not required.

Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port1", but it is not required.



- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.
- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Session 2: thread 2 event new RPC.
- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...
- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.
- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...
- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.
- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/ietf-netconf:get-config" with ID 4 priority 0 for 1 subscribers.
- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Processing "/ietf-netconf:get-config" "rpc" event with ID 4 priority 0 (remaining 1 subscribers).
- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Successful processing of "rpc" event with ID 4 priority 0 (remaining 0 subscribers).
- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Event "rpc" with ID 4 priority 0 succeeded.
- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...
- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.
- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...
- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: There is no leafref
- "/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port1", but it is not required.
- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: There is no leafref
- "/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port1", but it is not required.
- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: There is no leafref
- "/ietf-hardware:hardware/ietf-hardware:component/ietf-hardware:name" with the value "ru-port1", but it is not required.
- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.
- Nov 4 00:01:25 mcb1 daemon.info netopeer2-server[986]: Session 2: thread 2 event new RPC.
- Nov 4 00:01:26 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4336.
- Nov 4 00:01:26 mcb1 daemon.info netopeer2-server[986]: Accepted a connection on :::830.
- Nov 4 00:01:26 mcb1 daemon.info netopeer2-server[986]: Session 135 (user "root", CID 1) created.
- Nov 4 00:01:26 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-service" of subtype "ssh-userauth".
- Nov 4 00:01:26 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-auth" of subtype "none".
- $Nov\ 4\ 00:01:26\ mcb1\ daemon. info\ net opeer 2-server [986]: Received\ an\ SSH\ message\ "request-auth"\ of\ subtype\ "interactive".$
- $Nov\ \ 4\ 00:01:28\ mcb1\ daemon.info\ netopeer2-server[986]:\ getsockopt()\ error\ (No\ route\ to\ host).$
- Nov 4 00:01:29 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4336.
- Nov 4 00:01:30 mcb1 daemon.info netopeer2-server[986]: Received an SSH message "request-auth" of subtype "interactive".
- Nov 4 00:01:30 mcb1 daemon.info netopeer2-server[986]: Failed user "operator" authentication attempt (#1).
- Nov 4 00:01:30 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...
- Nov 4 00:01:30 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.
- $Nov\ \ 4\ 00:01:30\ mcb1\ daemon. info\ net opeer 2-server [986]:\ Resolving\ unresolved\ data\ nodes\ and\ their\ constraints...$
- Nov 4 00:01:30 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.
- Nov 4 00:01:30 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/notifications:create-subscription" with ID 2 priority 1 for 1 subscribers.
- Nov 4 00:01:30 mcb1 daemon.info netopeer2-server[986]: Processing "ietf-netconf-monitoring" "operational" event with ID 2.
- Nov 4 00:01:30 mcb1 daemon.info netopeer2-server[986]: Successful processing of "operational" event with ID 2.
- Nov 4 00:01:31 mcb1 daemon.info netopeer2-server[986]: getsockopt() error (No route to host).
- Nov 4 00:01:31 mcb1 daemon.info netopeer2-server[986]: Event "rpc" with ID 2 priority 1 succeeded.
- Nov 4 00:01:31 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/notifications:create-subscription" with ID 2 priority 0 for 1 subscribers.
- Nov 4 00:01:31 mcb1 daemon.info netopeer2-server[986]: Processing "/notifications:create-subscription" "rpc" event with ID 2 priority 0 (remaining 1 subscribers).
- Nov 4 00:01:32 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:01:32 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:01:32 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...



- Nov 4 00:01:32 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:01:32 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:01:32 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:01:32 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:01:32 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:01:32 mcb1 user.warn pm_manager[1373]: Failed to open /media/sd-mmcblk0p4/O-RAN/log/timezone. Using default value...
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Successful processing of "rpc" event with ID 2 priority 0 (remaining 0 subscribers).
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Event "rpc" with ID 2 priority 0 succeeded.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Session 2: thread 3 event new RPC.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Trying to connect via IPv4 to 192.168.4.15:4336.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/ietf-netconf:edit-config" with ID 4 priority 0 for 1 subscribers.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Processing "/ietf-netconf:edit-config" "rpc" event with ID 4 priority 0 (remaining 1 subscribers).
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: edit-config error-option "stop-on-error" not supported, rollback-on-error will be performed.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: No datastore changes to apply.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Successful processing of "rpc" event with ID 4 priority 0 (remaining 0 subscribers).
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Event "rpc" with ID 4 priority 0 succeeded.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Session 2: thread 4 event new RPC.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/ietf-netconf:edit-config" with ID 5 priority 0 for 1 subscribers.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Processing "/ietf-netconf:edit-config" "rpc" event with ID 5 priority 0 (remaining 1 subscribers).
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: edit-config error-option "stop-on-error" not supported, rollback-on-error will be performed.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: No datastore changes to apply.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Successful processing of "rpc" event with ID 5 priority 0 (remaining 0 subscribers).
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Event "rpc" with ID 5 priority 0 succeeded.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Session 2: thread 4 event new RPC.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...
- $Nov\ \ 4\ 00:01:32\ mcb1\ daemon. info\ net opeer 2-server [986]:\ All\ data\ nodes\ and\ constraints\ resolved.$
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/ietf-netconf:get" with ID 6 priority 0 for 1 subscribers.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Processing "/ietf-netconf:get" "rpc" event with ID 6 priority 0 (remaining 1 subscribers).
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/tx-arrays" with ID 2.
- Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_arrays_get_items_cb line:373 DATA FOR "o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/tx-arrays" REQUESTED
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 2 succeeded.
- Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...



Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/rx-arrays" with ID 2.

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_arrays_get_items_cb line:373 DATA FOR "o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/rx-arrays" REQUESTED

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 2 succeeded.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov $4\,00:01:32\,$ mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Published event "operational" "/o-ran-uplane-conf:user-plane-configuration/relations" with ID 2.

 $Nov\ 4\ 00:01:32\ mcb1\ user.notice\ UPLANECONF [1319]:\ @function:relation_get_items_cb\ line: 814\ DATA\ FOR\ "o-ran-uplane-conf"$

"/o-ran-uplane-conf:user-plane-configuration/relations" REQUESTED

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 2 succeeded.

 $Nov\ \ 4\ 00:01:32\ mcb1\ daemon. info\ net opeer 2-server [986]:\ Resolving\ unresolved\ data\ nodes\ and\ their\ constraints...$

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:tx-arrays/o-ran-uplane-conf:name" with the value "slltx-endpoint0", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:rx-arrays/o-ran-uplane-conf:name" with the value "sllrx-endpoint0", but it is not required.

Nov $4\,00:01:32\,$ mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:tx-arrays/o-ran-uplane-conf:name" with the value "slltx-endpoint1", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:rx-arrays/o-ran-uplane-conf:name" with the value "sllrx-endpoint1", but it is not



required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:tx-arrays/o-ran-uplane-conf:name" with the value "slltx-endpoint2", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:rx-arrays/o-ran-uplane-conf:name" with the value "sllrx-endpoint2", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:tx-arrays/o-ran-uplane-conf:name" with the value "slltx-endpoint3", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-uplane-conf:user-plane-configuration/o-ran-uplane-conf:rx-arrays/o-ran-uplane-conf:name" with the value "sllrx-endpoint3", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/endpoint-types" with ID 2.

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_endpoint_get_items_cb line:197 DATA FOR "o-ran-uplane-conf"

"/o-ran-uplane-conf:user-plane-configuration/endpoint-types" REQUESTED

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 2 succeeded.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/tx-array-carriers" with ID 2.

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_array_carriers_get_items_cb line:940 DATA FOR

"o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/tx-array-carriers" REQUESTED

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 2 succeeded.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/rx-array-carriers" with ID 2.

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_array_carriers_get_items_cb line:940 DATA FOR

"o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/rx-array-carriers" REQUESTED

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 2 succeeded.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/static-low-level-tx-endpoints" with ID 2.

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_static_endpoint_get_items_cb line:706 DATA FOR

"o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/static-low-level-tx-endpoints" REQUESTED

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 2 succeeded.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value

"slltx-endpoint0", but it is not required.

 $Nov\ \ 4\ 00:01:32\ mcb1\ daemon. info\ net opeer 2-server [986]:\ There\ is\ no\ leafref\ "../../endpoint-types/id"\ with\ the\ value\ "1",\ but\ it\ is\ not\ required.$

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint1", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint2", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it



is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "/user-plane-configuration/tx-arrays/name" with the value "slltx-endpoint3", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/static-low-level-rx-endpoints" with ID 2.

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_static_endpoint_get_items_cb line:706 DATA FOR

"o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/static-low-level-rx-endpoints" REQUESTED

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 2 succeeded.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint0", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint1", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint2", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "/user-plane-configuration/rx-arrays/name" with the value "sllrx-endpoint3", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-types/id" with the value "1", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref "../../endpoint-capacity-sharing-groups/id" with the value "1", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Published event "operational"

"/o-ran-uplane-conf:user-plane-configuration/endpoint-capacity-sharing-groups" with ID 2.

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_endpoint_get_items_cb line:197 DATA FOR "o-ran-uplane-conf" "/o-ran-uplane-conf:user-plane-configuration/endpoint-capacity-sharing-groups" REQUESTED

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Event "operational" with ID 2 succeeded.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Successful processing of "rpc" event with ID 6 priority 0 (remaining 0 subscribers).

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Event "rpc" with ID 6 priority 0 succeeded.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not



required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-module-cap:module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: There is no leafref

"/o-ran-module-cap:module-capability/o-ran-module-cap:band-capabilities/o-ran-module-cap:band-number" with the value "28", but it is not required.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Session 2: thread 4 event new RPC.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Published event "rpc" "/ietf-netconf:edit-config" with ID 6 priority 0 for 1 subscribers.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Processing "/ietf-netconf:edit-config" "rpc" event with ID 6 priority 0 (remaining 1 subscribers).

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: edit-config error-option "stop-on-error" not supported, rollback-on-error will be performed.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Resolving unresolved data nodes and their constraints...

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: All data nodes and constraints resolved.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Published event "change" "o-ran-uplane-conf" with ID 2 priority 0 for 6 subscribers.

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1115 EVENT change CHANGES:

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1138 FPGA | lltx-link name : lltxlink0

 $Nov\ 4\ 00:01:32\ mcb1\ user.notice\ UPLANECONF [1319]:\ @function:uplane_module_change_cb\ line: 1146\ FPGA\ |\ lltx-processing\ element: element 0$

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1155 FPGA | lltx-array-carrier: txarraycarrier0

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1163 FPGA | lltx-endpoint : slltx-endpoint 0 | lltx-endpoint | lltx-e

 $Nov\ 4\ 00:01:32\ mcb1\ user.notice\ UPLANECONF [1319]:\ @function:uplane_module_change_cb\ line: 1138\ FPGA\ |\ lltx-link\ name:\ lltxlink 1138\ respectively. The property of the property$

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1146 FPGA | lltx-processing element :

Nov $4\,00:01:32\,\text{mcb1}$ user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1155 FPGA | lltx-array-carrier: txarraycarrier0

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1163 FPGA | lltx-endpoint1 : slltx-endpoint1

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1138 FPGA | lltx-link name : lltxlink2

 $Nov\ 4\ 00:01:32\ mcb1\ user.notice\ UPLANECONF [1319]:\ @function:uplane_module_change_cb\ line: 1146\ FPGA\ |\ lltx-processing\ element\ :\ element\ 0$



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Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1155 FPGA | lltx-array-carrier: txarraycarrier0

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1163 FPGA | lltx-endpoint: slltx-endpoint2
```

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1185 EVENT change CHANGES

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1210 FPGA | llrx-link name : llrxlink0

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1218 FPGA | llrx-processing element : element0

Nov $4\,00:01:32\,\text{mcb1}$ user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1225 FPGA | llrx-array-carrier: rxarraycarrier0

 $Nov\ 4\ 00:01:32\ mcb1\ user.notice\ UPLANECONF [1319]:\ @function:uplane_module_change_cb\ line: 1210\ FPGA\ |\ llrx-link\ name:\ llrxlink 1210\ properties |\ llrx-link\ name |\ llrxlink 1210\ properties |\ llrx$

 $Nov\ 4\ 00:01:32\ mcb1\ user.notice\ UPLANECONF [1319]:\ @function:uplane_module_change_cb\ line: 1218\ FPGA\ |\ llrx-processing\ element: element 0$

Nov $4\,00:01:32\,\text{mcb1}$ user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1225 FPGA | llrx-array-carrier: rxarraycarrier0

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1233 FPGA | llrx-endpoint : sllrx-endpoint 1

 $Nov\ 4\ 00:01:32\ mcb1\ user.notice\ UPLANECONF [1319]:\ @function:uplane_module_change_cb\ line: 1218\ FPGA\ |\ llrx-processing\ element: element 0$

 $Nov\ 4\ 00:01:32\ mcb1\ user.notice\ UPLANECONF [1319]:\ @function:uplane_module_change_cb\ line: 1225\ FPGA\ |\ llrx-array-carrier: rxarraycarrier0$

 $Nov\ 4\ 00:01:32\ mcb1\ user.notice\ UPLANECONF [1319]:\ @function:uplane_module_change_cb\ line: 1255\ EVENT\ change\ CHANGES:\ /o-ran-uplane-conf: user-plane-configuration/low-level-tx-endpoints$

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:array_carrier_module_change_cb line:3660 EVENT change CHANGES:

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2063 EVENT change CHANGES: /o-ran-uplane-conf:user-plane-configuration/low-level-rx-endpoints

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:array_carrier_module_change_cb line:2960 EVENT change CHANGES:

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:array_carrier_module_change_cb line:3685 FPGA | rx-array-carriers-name : rxarraycarrier0

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1138 FPGA | lltx-link name : lltxlink3

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1146 FPGA | lltx-processing element : element0

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1155 FPGA | lltx-array-carrier: txarraycarrier0

 $Nov\ 4\ 00:01:32\ mcb1\ user.notice\ UPLANECONF [1319]:\ @function:uplane_module_change_cb\ line: 1163\ FPGA\ |\ lltx-endpoint: slltx-endpoint: slltx-endpoi$

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2901 END OF CHANGES

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1233 FPGA | llrx-endpoint: sllrx-endpoint2

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1218 FPGA | llrx-processing element : element0

Nov $4\,00:01:32\,\text{mcb1}$ user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1225 FPGA | llrx-array-carrier: rxarraycarrier0

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1233 FPGA | llrx-endpoint: sllrx-endpoint3

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2901 END OF CHANGES

 $Nov\ 4\ 00:01:32\ mcb1\ user.notice\ UPLANECONF [1319]:\ @function: array_carrier_module_change_cb\ line: 2986\ FPGA\ |\ tx-array-carriers-name: txarraycarrier0$

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:array_carrier_module_change_cb line:3737 FPGA |

rx-array-carriers-absolute-frequency-center : 390000

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:array_carrier_module_change_cb line:3823 FPGA |



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rx-array-carriers-frequency-reference-center: 0.000000
```

Nov 4 00:01:32 mcb1 user.err UPLANECONF[1319]: @function:array_carrier_module_change_cb line:3011 FPGA |

tx-array-carriers-absolute-frequency-center: Unsupported value!!

Nov 4 00:01:32 mcb1 user.info operations-manager[1319]: commBwSystemMonitor: CMD SENT TO SYS_MON SUCCESSFULLY

Nov 4 00:01:32 mcb1 user.info FAULT MANAGER[1000]: sendData : Source ID: 30

Nov 4 00:01:32 mcb1 user.info FAULT MANAGER[1000]: sendData: Fault ID: 11

Nov 4 00:01:32 mcb1 user.info FAULT MANAGER[1000]: sendData: FAULT_IS_CLEARED: False

Nov 4 00:01:32 mcb1 user.info FAULT MANAGER[1000]: sendData : FAULT_SEVERITY: 3

Nov 4 00:01:32 mcb1 user.info FAULT MANAGER[1000]: sendData: FAULT TIME: 2000-11-04T00:01:32Z

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:array_carrier_module_change_cb line:4012 FPGA |

rx-array-carriers-channel-bandwidth: 20000000

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:array_carrier_module_change_cb line:4063 FPGA |

rx-array-carriers-downlink-radio-frame-offset: 0

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:array_carrier_module_change_cb line:4084 FPGA |

rx-array-carriers-downlink-sfn-offset: 0

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:array_carrier_module_change_cb line:4105 FPGA |

rx-array-carriers-gain-correction: 0.000000

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:array_carrier_module_change_cb line:4126 FPGA |

rx-array-carriers-n-ta-offset: 25600

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:array_carrier_module_change_cb line:4032 FPGA | rx-array-carriers-active : INACTIVE

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:array_carrier_module_change_cb line:4137 END OF CHANGES

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:array_carrier_module_change_cb line:3660 EVENT abort CHANGES:

Nov 4 00:01:32 mcb1 daemon.err netopeer2-server[986]: [bad-attribute] tx-array-carriers-absolute-frequency-center value should be between ,'151600' to '160600'

Nov 4 00:01:32 mcb1 daemon.warn netopeer2-server[986]: Event "change" with ID 2 priority 0 failed (Operation not supported).

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Published event "abort" "o-ran-uplane-conf" with ID 2 priority 0 for 2 subscribers.

 $Nov\ 4\ 00:01:32\ mcb1\ user.notice\ UPLANECONF [1319]:\ @function: array_carrier_module_change_cb\ line: 4137\ END\ OF\ CHANGES$

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2117 FPGA | llrx-endpoint name : sllrx-endpoint0

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1307 FPGA | lltx-endpoint name : slltx-endpoint0

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1115 EVENT abort CHANGES:

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2901 END OF CHANGES

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1185 EVENT abort CHANGES

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2901 END OF CHANGES

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Failed processing of "rpc" event with ID 6 priority 0 (remaining 1 subscribers).

Nov 4 00:01:32 mcb1 daemon.err netopeer2-server[986]: [bad-attribute] tx-array-carriers-absolute-frequency-center value should be between .'151600' to '160600'

Nov 4 00:01:32 mcb1 daemon.warn netopeer2-server[986]: Event "rpc" with ID 6 priority 0 failed (User callback failed).

Nov 4 00:01:32 mcb1 daemon.err netopeer2-server[986]: Failed to send an RPC (User callback failed).

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Session 2: thread 3 event new RPC.

Nov 4 00:01:32 mcb1 daemon.info netopeer2-server[986]: Session 2: thread 3 event reply error.

 $Nov\ 4\ 00:01:32\ mcb1\ user.notice\ UPLANECONF [1319]:\ @function:uplane_module_change_cb\ line: 1325\ FPGA\ |\ lltx-ep-compression-type: STATIC$

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1357 FPGA | lltx-ep-iq-bitwidth : 16

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1606 FPGA | lltx-ep-cp-length : 352

 $Nov\ 4\ 00:01:32\ mcb1\ user.notice\ operations_manager[1319]:\ @function:uplane_module_change_cb\ line: 2135\ FPGA\ |\ llrx-ep-compression-type:\ STATIC$

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Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2154 FPGA | llrx-ep-iq-bitwidth : 16
Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1650 FPGA |
lltx-ep-offset-to-absolute-frequency-center: 0
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2419 FPGA | llrx-ep-cp-length : 352
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2013 FPGA | lltx-ep-scs : KHZ _15
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane module change cb line:2035 FPGA | lltx-ep-number-of-prb : 273
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2441 FPGA | llrx-ep-cp-length-other : 288
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1682 FPGA | lltx-ep-o-du-port-bitmask :
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2463 FPGA |
llrx-ep-offset-to-absolute-frequency-center: 0
Nov\ 4\ 00:01:33\ mcb1\ user.notice\ UPLANECONF[1319]:\ @function:uplane\_module\_change\_cb\ line:1731\ FPGA\ |\ lltx-ep-band-sector-bitmask\ :\ lltx-ep-b
448
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1779 FPGA | lltx-ep-ccid-bitmask : 56
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1827 FPGA | lltx-ep-ru-port-bitmask : 7
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2737 FPGA | llrx-ep-scs : KHZ_15
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1875 FPGA | lltx-ep-eaxc-id : 1
Nov 4 00:01:33 mcb1 user.err UPLANECONF[1319]: @function:uplane module change cb line:1900 Duplicate value found for eaxc-id!!
Nov 4 00:01:33 mcb1 user.info operations-manager[1319]: commBwSystemMonitor: CMD SENT TO SYS_MON SUCCESSFULLY
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2835 FPGA | llrx-ep-scs : KHZ_15
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2496 FPGA | llrx-ep-o-du-port-bitmask :
65024
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2527 FPGA | llrx-ep-band-sector-bitmask :
448
Nov 4 00:01:33 mcb1 daemon.info netopeer2-server[986]: Session 2: thread 1 event new RPC.
Nov 4 00:01:33 mcb1 daemon.info netopeer2-server[986]: Session 2: thread 1 event session terminated.
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2558 FPGA | llrx-ep-ccid-bitmask : 56
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2588 FPGA | llrx-ep-ru-port-bitmask : 7
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2619 FPGA | llrx-ep-eaxc-id : 1
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2889 FPGA |
llrx-ep-non-time-managed-delay-enabled: 0
Nov\ 4\ 00:01:33\ mcb1\ user.notice\ UPLANECONF [1319]:\ @function:uplane\_module\_change\_cb\ line: 2117\ FPGA\ |\ llrx-endpoint\ name: 1117\ PPGA\ |\ llrx-endpoint\ name: 11
sllrx-endpoint1
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2135 FPGA | llrx-ep-compression-type :
STATIC
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2154 FPGA | llrx-ep-iq-bitwidth : 16
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2419 FPGA | llrx-ep-cp-length : 352
Nov 4 00:01:33 mcb1 daemon.info netopeer2-server[986]: There are no subscribers for "ietf-netconf-notifications" notifications.
Nov 4 00:01:33 mcb1 daemon.info netopeer2-server[986]: Generated new event (netconf-session-end).
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2441 FPGA | llrx-ep-cp-length-other : 288
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2463 FPGA |
llrx-ep-offset-to-absolute-frequency-center: 0
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2737 FPGA | llrx-ep-scs : KHZ_15
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2765 FPGA | llrx-ep-number-of-prb : 273
Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2835 FPGA | llrx-ep-scs : KHZ 15
Nov 4 00:01:33 mcb1 authpriv.debug sshd[2283]: pam_unix(sshd:account): account operator has password changed in future
Nov 4 00:01:33 mcb1 auth.info sshd[2283]: Accepted password for operator from 192.168.3.15 port 37696 ssh2
Nov 4 00:01:33 mcb1 authoriv.info sshd[2283]: pam_unix(sshd:session): session opened for user operator by (uid=0)
```

Nov 4 00:01:32 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:1628 FPGA | lltx-ep-cp-length-other : 288





 $Nov\ 4\ 00:01:33\ mcb1\ user.notice\ UPLANECONF [1319]:\ @function:uplane_module_change_cb\ line: 2496\ FPGA\ |\ llrx-ep-o-du-port-bitmask\ :\ 65024$

 $Nov\ 4\ 00:01:33\ mcb1\ user.notice\ UPLANECONF [1319]:\ @function:uplane_module_change_cb\ line: 2527\ FPGA\ |\ llrx-ep-band-sector-bitmask\ :\ 448$

Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2558 FPGA | llrx-ep-ccid-bitmask : 56

Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2588 FPGA | llrx-ep-ru-port-bitmask : 7

Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2619 FPGA | llrx-ep-eaxc-id : 2

Nov 4 00:01:33 mcb1 user.notice UPLANECONF[1319]: @function:uplane_module_change_cb line:2889 FPGA |

llrx-ep-non-time-managed-delay-enabled: 0



Expected Result : The O-RU NETCONF Sever responds with the <rpc-reply> message indicating rejection of the requested procedure *********** Actual Result *********** ************* FAIL_REASON *********** _____ Description: [bad-attribute] tx-array-carriers-absolute-frequency-center value should be between, '151600' to '160600' ______

O-RU Configurability Test (negative case)