

## Release Notes - NRSW 5.0.0.104

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### Abstract:

This document represents the release notes for NetModule Router Software **5.0.0.104**. It informs about new functionality, corrections, and known issues of this software version of NetModule's router series.

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## 1 Release Information

NetModule Router Software:

Version: 5.0.0.104

Date: 5th August 2026

Supported Hardware:

| NetModule Router | Hardware Version                        |
|------------------|-----------------------------------------|
| NB800            | V2.0 - V2.2, V3.2, V3.3 (Rev.B02 - B03) |
| NG800            | V3.0 - V3.2                             |
| NB1601           | V1.0 - V1.7                             |
| NB1800           | V2.4 - V2.6                             |
| NB1810           | V2.4 - V2.6                             |
| NB2800           | V1.0 - V1.5                             |
| NB2810           | V1.2                                    |
| NB3701           | V1.0 - V1.10                            |
| NB3800           | V1.0 - V1.10                            |

Unsupported Hardware:

| NetModule Router |
|------------------|
| NB1300 Series    |
| NB1600 Series    |
| NB2200 Series    |
| NB2300 Series    |
| NB2500 Series    |
| NB2600 Series    |
| NB2700 Series    |
| NB3700 Series    |
| NB3711 Series    |



## 2 New Features

| Case#     | Description                                                                                                                                                                                                                                                                                                                   |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DSLC-2507 | <b>System components updated</b><br>openssl updated to version 3.0.21                                                                                                                                                                                                                                                         |
| DSLC-2432 | <b>Kernel update</b><br>Updated kernel to 5.15.211                                                                                                                                                                                                                                                                            |
| DSLC-1148 | <b>WWAN LARA-L6 modem – implemented CSFB voice</b><br>Devices with LARA-L6 modems now support CSFB voice calls                                                                                                                                                                                                                |
| DSLC-2411 | <b>Configurable ARP response behavior</b><br>Introduced a new config parameter: network.arp.ignore that implements the modes found at <a href="https://www.kernel.org/doc/html/v5.15/networking/ip-sysctl.html?highlight=arp_ignore">https://www.kernel.org/doc/html/v5.15/networking/ip-sysctl.html?highlight=arp_ignore</a> |

## 3 Fixes

| Case#     | Description                                                                                                                                                           |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DSLC-838  | <b>WWAN - Fixed display of 5G band in GUI</b><br>Fixed an issue where the 5G band was displayed incorrectly in the UI.                                                |
| DSLC-1137 | <b>WLAN Roaming – adjustable default SNR</b><br>In case the WLAN Module can't determine the SNR Value in a background scan an replacement value can be configured.    |
| DSLC-1126 | <b>WWAN LARA-L6 modem – wrong MTU at reconnect</b><br>Fixed an issue where the wrong MTU was set on the interface at reconnect.                                       |
| DSLC-1163 | <b>Firewall and NAT – WAN changes do not affect LAN flows</b><br>Changes on WAN interfaces now do not affect established flows (firewall and nat) for LAN interfaces. |
| DSLC-2414 | <b>NAT Rules on WAN Interfaces</b><br>Fixed an issue where IP aliases based on NAT Rules were present on WAN coldlinks which caused multiple issues.                  |
| DSLC-2435 | <b>SNMP broke LLDP</b><br>Fixed an issue where starting the snmp agent will prevent LLDP from running.                                                                |
| DSLC-2497 | <b>Link-Supervision failed to bring link down</b>                                                                                                                     |



|           |                                                                                                                                                                            |
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|           | Fixed an issue when surveyor mode 2 ("only validate if link is up") would not bring the link down when the ping condition failed.                                          |
| DSLC-2521 | <b>ITxPT – FMStoIP GUI crash</b><br>Fix a GUI crash in the FMStoIP ITxPT tab.                                                                                              |
| DSLC-2523 | <b>ITxPT – Vehicle to IP GUI crash</b><br>Fix a GUI crash in the Vehicle to IP ITxPT tab.                                                                                  |
| DSLC-2786 | <b>MQTT over TLS</b><br>Fixed an issue where the MQTT daemon did not start in TLS mode when using TLS certificates created with a software version earlier than 5.0.0.102. |
| DSLC-2644 | <b>UDP NAT on WAN Change switched source ports</b><br>The Source port of UDP NAT communications changed randomly in WAN Link change situations. This was fixed.            |

## 4 Known Issues

| Case#     | Description                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DSLC-1901 | <b>WAN-MTU</b><br>If the cellular network does not provide MTU information, ublox LARA-L6 modems use 1428 Byte as a default. This may lead to issues if an MTU of 1500 is expected.                                                                                                                                                                                                                                                            |
| DSLC-834  | <b>WLAN issue NB800</b><br>In some instances, the WLAN interface does not work on older hardware variants of the NB800 device. This can normally be resolved with a reboot, but the issue will inevitably reoccur. If WLAN is essential for your scenario, we recommend reverting to an older release version (e.g. 4.8.x.x) to regain a stable working state. Please note that this means you will not have the latest cyber security update. |
| DSLC-230  | <b>GNSS on Telit LN920</b><br>GPS function is not working after reboot if GPS Supervision is disabled.                                                                                                                                                                                                                                                                                                                                         |
| DSLC-1124 | <b>Downgrade warning</b><br>Starting with NRSW 5.0.0.100, we only support signed Software images. Therefore, a downgrade to NRSW Releases 4.9 and earlier is not possible. A downgrade to NRSW versions older than 5.0.0.103 is only possible by performing manual configuration conversion and backup before downgrading the router software. The converted configuration can be reapplied after the downgrade.                               |
| DSLC-1968 | <b>NB800, Rev. A (HW16) Bluetooth not available</b>                                                                                                                                                                                                                                                                                                                                                                                            |



|           |                                                                                                                                                                                                                                                                                                                                                                             |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Due to incompatibilities Bluetooth will not be available on NB800 Rev. A device from NRSW version 5.0 forward.                                                                                                                                                                                                                                                              |
| DSLC-2121 | <b>WWAN connection MTU issue</b><br>When manually setting an MTU value smaller than the MTU used by the mobile network carrier for a router with a uBlox TOBY-L2 modem, the router will reboot if it receives packets with a larger-than configured MTU size from the mobile connection. Do not configure MTU sizes smaller than what the mobile network carrier specifies. |
| DSLC-2145 | <b>Config options breaks GNSS functionality</b><br>The legacy config option gpsd.0.timeout will break GNSS functionality and NMEA stream if set to "1" via CLI.                                                                                                                                                                                                             |
| DSLC-2163 | <b>SNMP Bug</b><br>On NB1810 devices SNMP GET stops working after enabling & configuring LAN2 as WAN. Disabling LAN2 will not make SNMP GET work again. A reboot will be required to rectify the issue.                                                                                                                                                                     |
| DSLC-2255 | <b>IPSEC issues</b><br>Applies only to NB3701: When running an IPSEC tunnel with local NAT rules configured, traffic through this tunnel will not be properly redirected in this version.                                                                                                                                                                                   |
| DSLC-2268 | <b>NB1601, NB800 WLAN mesh point</b><br>The mesh point functionality of WLAN does not work on NB1601 & NB800                                                                                                                                                                                                                                                                |
| DSLC-2311 | <b>NB800 and NB1601 with- LARA-L6 Modem</b><br>On the NB800 and NB1601 devices equipped with the LARA-L6 modem, VoLTE is not working.                                                                                                                                                                                                                                       |
| DSLC-1142 | <b>NB3800 and IPv6 SLAAC</b><br>On the NB3800 platform, configuring a LAN interface with an IPv6 address via SLAAC does not work. If a dynamic IPv6 address is needed, a DHCPv6 server should be provided.                                                                                                                                                                  |
| DSLC-2535 | <b>IP Passthrough while Roaming requires reboot</b><br>Issue occurs when using a Roaming SIM card on Device 1. Device 2 will not receive the IP that Device 1 got from the Roaming cellular provider, before rebooting the device.                                                                                                                                          |
| DSLC-2558 | <b>Firewall 'Allow WAN administration' button disappears</b><br>While configuring FIREWALL, the 'Allow WAN administration' button disappears when the administrative status is enabled.                                                                                                                                                                                     |

