

## Release Notes - NRSW 5.0.0.103

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### Abstract:

This document represents the release note for NetModule Router Software **5.0.0.103**. It informs 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: 5.0.0.103

Date: 10th June 2026

Supported Hardware:

<b>NetModule Router</b>	<b>Hardware Version</b>
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:

<b>NetModule Router</b>
NB1300 Series
NB1600 Series
NB2200 Series
NB2300 Series
NB2500 Series
NB2600 Series
NB2700 Series
NB3700 Series
NB3711 Series



## 2 New Features

Case#	Description
DSLC-2427	<b>System components updated</b> <ul style="list-style-type: none"> <li>• openssl updated to version 3.0.19</li> <li>• python3 updated to version 3.10.20</li> <li>• php updated to version 8.1.34</li> </ul>
DSLC-2490	<b>Kernel update</b> Updated kernel to 5.15.207

## 3 Security Fixes

Case#	Description
DSLC-2427	<b>OpenSSL</b> Fixed the following vulnerabilities: <ul style="list-style-type: none"> <li>• CVE-2026-28387 – Potential Use-after-free in DANE Client Code</li> <li>• CVE-2026-28388 – NULL Pointer Dereference When Processing a Delta CRL</li> <li>• CVE-2026-28389 – Possible NULL Dereference When Processing CMS KeyAgreeRecipientInfo</li> <li>• CVE-2026-28390 – Possible NULL Dereference When Processing CMS KeyTransportRecipientInfo</li> <li>• CVE-2026-31789 – Heap Buffer Overflow in Hexadecimal Conversion</li> <li>• CVE-2026-31790 – Incorrect Failure Handling in RSA KEM RSASVE Encapsulation</li> </ul>

## 4 Fixes

Case#	Description
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DSLC-704	<b>IPSec - "Request virtual IP address" in GUI</b> Fixed an issue where the "Request virtual IP address" option under IPSec could not be toggled via the web interface. The setting is now fully operational in the GUI.
DSLC-786	<b>Hotlink field missing in GUI</b> Fixed an issue where the WAN hotlink field was no longer displayed under Operational Status in the web interface (missing since NRSW 4.9). The hotlink information is now visible again.
DSLC-849	<b>VLAN Interfaces missing in CLI</b> Fixed an issue where only a subset of configured VLAN interfaces was shown when running cli status lan. All configured VLAN interfaces are now correctly displayed.
DSLC-1051	<b>MQTT Broker not starting in TLS Mode</b> Fixed an issue where the MQTT Broker failed to start when TLS mode was enabled, due to a file permission error on the TLS key. The broker now starts correctly in TLS mode.
DSLC-1149	<b>VLAN Interface can't be deleted in GUI</b> Fixed an issue where attempting to delete a VLAN interface via the web interface resulted in a "500 Internal Server Error". VLAN interfaces can now be deleted through the GUI as expected.
DSLC-1151	<b>LARA-L6: Incoming SMS are ignored</b> Fixed an issue where incoming SMS messages were not processed on devices with LARA-L6 modems. The device now correctly reads SMS from the modem's storage, and all incoming messages are received and handled properly.
DSLC-1164	<b>DNS Service on VRRP-IP and Event script not working</b> Fixed an issue where, after a VRRP failover, the DNS service stopped responding on the virtual IP address, and the configured state-change event script was not triggered. Both functions now work correctly when the backup device takes over as master.
DSLC-2294	<b>WLAN overview under Home was incomplete</b> Added missing Associated Clients under WLAN tab.
DSLC-2380	<b>CAN module not working properly</b> Fixed an issue where the CAN extension module was not functioning correctly on specific NB3800 (and potentially NB28x0) product variants.
DSLC-2407	<b>Chrony NTP resync blocking the Link-Manager</b> Fixed an issue where the chrony resync call in the wan-up script was a blocking operation, causing the Link-Manager to stall and fail to tear down unresponsive WAN links within the configured maximum ping failure count.



## 5 Known Issues

Case#	Description
DSLC-1901	<b>WAN-MTU</b> 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> 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> GPS function is not working after reboot if GPS Supervision is disabled.
DSLC-1124	<b>Downgrade warning</b> 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 devices from NRSW version 5.0 forward.
DSLC-2121	<b>WWAN connection MTU issue</b> 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> The legacy config option gpsd.0.ftimeout will break GNSS functionality and NMEA stream if set to "1" via CLI.
DSLC-2163	<b>SNMP Bug</b>



	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> Applies only to NB3701: When running an IPSEC tunnel with local NAPT rules configured, traffic through this tunnel will not be properly redirected in this version.
DSLC-2268	<b>NB1601, NB800 WLAN mesh point</b> The mesh point functionality of WLAN does not work on NB1601 & NB800
DSLC-2311	<b>NB800 and NB1601 with- LARA-l6 Modem</b> On the NB800 and NB1601 devices equipped with the LARA-L6 modem, VoLTE is partially supported and not working.
DSLC-1142	<b>NB3800 and IPv6 SLAAC</b> 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> 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, only after rebooting the box does.
DSLC-2558	<b>Firewall 'Allow WAN administration' button disappears</b> While configuring FIREWALL , the 'Allow WAN administration' button disappears when the administrative status is enabled.

