

Release Note NRSW 4.2.0.102

Project Name: NRSW

Abstract:

This document represents the release note for NetModule Router Software 4.2.0.102. It informs on new functionality, corrections and known issues of this software version of NetModule's router series in comparison to the current stable release 4.2.0.101.

Keywords:

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1 Release Information

NetModule Router Software:

Version: **4.2.0.102**
Date: **December 20, 2018**

Supported Hardware:

NetModule Router	Hardware Version
NB800	V2.0 - V2.2
NB1600	V1.0 - V3.3
NB1601	V1.0 - V1.3
NB2700	V1.0 - V2.7
NB2710	V1.0 - V2.7
NB2800	V1.0 - V1.4
NB3700	V2.0 - V4.3
NB3701	V1.0 - V1.4
NB3710	V2.0 - V4.3
NB3711	V1.0 - V1.4
NB3720	V2.0 - V4.3
NB3800	V1.0 - V1.4

Unsupported Hardware:

NetModule Router
NB1300 Series
NB1800 Series
NB2200 Series
NB2300 Series
NB2500 Series
NB2600 Series



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2 Fixes

The following issues and problems have been fixed.

Case-#	Description
54540	NB2710 and NB3700 failed to boot with 4.2.0.101 Due to different hardware setup (number and placement of LTE and WLAN modules) loading kernel modules sometimes failed. This resulted either in a reboot loop or in missing modules on some devices.
54728	Ignition sense powers down NB2800 immediately The hold time setting was ignored in 4.2.0.100 and 4.2.0.101. This resulted in the NB2800 to power down immediately once the ignition sense pin went down.

3 Known Issues

Items listed here represent minor problems known at release time. These issues will be resolved in a later version.

Case-#	Description
54815	<p>WLAN Mesh Point bridging</p> <p>The Link Management configuration web site on NB800 and NB1601 does not display the "Bridge interface" option if a WLAN Mesh Point is configured.</p> <p>This will be fixed with next release. At the moment setup can be done via CLI or configuration file.</p>

4 ECC conversion

The flash on NB1600, NB2700, NB2710, NB3700, NB3710 and NB3720 provides an automated error correction using ECC. With release 4.1.0.100 we changed the ECC length from 1-bit ECC to 4-bit ECC which provides better error correction. On first boot after the update was performed the data on the flash is automatically converted to use the new ECC setup. While this conversion is performed the LEDs show a running light for about 30 seconds.

If you switch back to an older software release like 4.0.0 the migration is reverted.

We tested updates and down-grades to and from 4.0.0 and 3.8.0. Updates to or from older versions are not supported. If you run an older release or want to downgrade to an older release or a feature release like 3.8.2 you are advised to migrate via 4.0.0 as an intermediate release.

To revert the migration on downgrade the SPL boot loader release 4.1.0 stays in place. It can be downgraded in a second software update process initiated from the target release after the first reboot.

Software updates with recovery images require special attention. You must not use recovery images 4.0.0 and older for systems running 4.1.0 and newer. If you want to use recovery images please contact our support at router@support.netmodule.com.

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6 Change History

Version	Date	Name	Reason
1.0	2018-12-19	rosenthal	Final

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