

Release Note NRSW 4.3.0.115

Project Name: NRSW

Abstract:

This document represents the release note for NetModule Router Software 4.3.0.115. It informs on new functionality, corrections and known issues of this software version of NetModule's router series.

Keywords:

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Approval	Role	Name
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1 Release Information

NetModule Router Software:

Version: **4.3.0.115**
Date: **Nov 5, 2021**

Supported Hardware:

NetModule Router	Hardware Version
NB800	V2.0 - V2.2
NB1600	V1.0 - V3.3
NB1601	V1.0 - V1.6
NB1800	V2.4 - V2.6
NB1810	V2.4 - V2.6
NB2700	V1.0 - V2.7
NB2710	V1.0 - V2.7
NB2800	V1.0 - V1.4
NB3700	V2.0 - V4.4
NB3701	V1.0 - V1.5
NB3710	V2.0 - V4.3
NB3711	V1.0 - V1.5
NB3720	V2.0 - V4.3
NB3800	V1.0 - V1.5

Unsupported Hardware:

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

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2 New Features

Case-#	Description
65512	GUI improvements
69348	To configure local keys and certificates it is mandatory to define a password for key encryption. If you did not do that an error message appeared that was not very helpful. The error message was improved.
73371	Message shown after web session timeout was improved. The module current firmware is displayed at the firmware update page as additional information.

3 Fixes

The following issues and problems have been fixed.

Case-#	Description
61514	GUI improvements Enabling lldpd as solo activated discovery protocol produced an error message in the GUI. This was fixed. The loading time of web pages of the configuration interface was reduced. The WLAN channel scan showed a non-existing channel 0. This was fixed. It could happen that the web interface showed a misleading error message, when bridge settings changes.
67950	
72755	
74157	
71446	Fix of sporadic watchdog triggered reboots In the log files we received from a customer we could see that the SMS daemon had triggered a system reboot. This is a very rare event which had its origin in a timing issue at the start sequence of the daemon.

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	Nov 5, 2021	Moritz Rosenthal	Final release note

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