

Release Note NRSW 4.7.0.103

Project Name: NRSW

Abstract:

This document represents the release note for NetModule Router Software 4.7.0.103. 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: **4.7.0.103**
Date: **Jun 16, 2023**

Supported Hardware:

NetModule Router	Hardware Version
NB800	V2.0 - V2.2, V3.2 (Rev. B02)
NG800	V3.0 - V3.1
NB1601	V1.0 - V1.6
NB1800	V2.4 - V2.6
NB1810	V2.4 - V2.6
NB2800	V1.0 - V1.4
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

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2 Security Fixes

The following security relevant issues have been fixed.

Case-#	Description
81530	CVE-2023-0861 and CVE 2023-0862 An authenticated admin user was able to inject an arbitrary command via web-interface. An authenticated admin user was able to upload/remove an arbitrary file via web-interface. An authenticated admin user would have had these abilities anyways. Both issues have been fixed to prevent use within a potential exploit chain.
81752	CVE-2022-37434: heap-based buffer over-read or buffer overflow in zlib Zlib has a heap-based buffer over-read or buffer overflow in inflate in inflate.c via a large gzip header extra field.

3 Fixes

The following issues and problems have been fixed.

Case-#	Description
72700	Modem Support The processing of signal strength data in 5G SA mode for the Telit FN980 was improved.
77703	Inconsistent behavior when switching AP mode The initial WLAN access point configuration is now the same when switching from AP to Dual Mode or switching from Client to Dual Mode.
81684	Watchdog fixes Watchdog had a memory leak since 4.6.0.100. This is fixed.
81868	Cli status did not show bridged IPs Client IPs of bridged interfaces were not displayed properly in some cases.
81980	NB3800 USB storage device detection was fixed USB storage devices with Carrier \geq 5.2 were incorrectly detected as SATA storage. This caused the autorun feature to be non-functional.

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5 Change History

Version	Date	Name	Reason
1.1	Jun 16, 2023	Felix Kopf	Added CVE notations on case 81530
1.0	Nov 25, 2022	Felix Kopf	Release note

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