Release Note NRSW 4.6.0.105

Project Name: NRSW

Abstract:

This document represents the release note for NetModule Router Software 4.6.0.105. It informs on new functionality, corrections and known issues of this software version of NetModule's router series.

Keywords:

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Creation:	Role	Name
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Approval	Role	Name
	Director Product Development	Benjamin Amsler

NET MODULE

1 Release Information

NetModule Router Software:

Version:	**4.6.0.105**
Date:	**Jun 16, 2023**

Supported Hardware:

NetModule Router	Hardware Version
NB800	V2.0 - V2.2, V3.2 (Rev. B02)
NG800	V3.0 - V3.1
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
NB2810	V1.2
NB3700 (*)	V2.0 - V4.4
NB3701	V1.0 - V1.10
NB3710 (*)	V2.0 - V4.3
NB3711 (*)	V1.0 - V1.5
NB3720 (*)	V2.0 - V4.3
NB3800	V1.0 - V1.10

(*) Please note that release 4.6 will be the last LTS version of NRSW for this routers. If you still use this hardware please get in touch with our sales team. Release 4.6 will be supported until end of 2024.

Unsupported Hardware:

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

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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
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.
80994	**User Interface** In previous versions, the underscore symbol was rejected in the username and password fields for the automatic configuration update mechanism. This issue was fixed.
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 diplayed properly in some cases.
81883	**Firmware Images for PowerPC** The previous release came with an image that was to large to be installed on certain ppc-platforms. This issue was resolved. Affected Hardware: NB1600 NB2700 NB2710 NB3700 NB3710
81980	**NB3800 USB storage device detection was fixed** USB storage devices with Carrier >= 5.2 were incorrectly detected as SATA storage. This caused the autorun feature to be non-functional.

NET MODULE

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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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