Release Note NRSW 4.6.0.104

Project Name: NRSW

Abstract:

This document represents the release note for NetModule Router Software 4.6.0.104. It informs on new functionality, corrections and known issues of this software version of NetModule's router series.

Keywords:

NetModule, Software Development, NRSW, Release Note

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Approval	**Role**	**Name**
	Director Product Development	Benjamin Amsler

1 Release Information

NetModule Router Software:

Version:	**4.6.0.104**
Date:	**Oct 11, 2022**

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
81641	**CVE-2022-40674 fix for use-after-free in libexpat** A potential use after free was fixed in the open source library libexpat. The issue was classified as remote exploitable as libexpat is often used to process data from external sources. Never the less in NRSW this library is used internally by avahi zeroconf deamon and by dbus to control the bluez stack on internal messages. Avahi is disabled by default unless configured otherwise and dbus provides no interface to any external resources.

3 Fixes

The following issues and problems have been fixed.

Case-#	Description
80828	**USB serial adapters not working** Some USB serial adapters did not work since NRSW 4.6.0.100 because the required kernel module was not probed correctly. This was fixed.
81316	**WWAN connections without DNS provider failed to connect** Since NRSW 4.6.0.100 it was mandatory that a DNS provider is pushed by the network. This is not guaranteed in some private APN networks; depending on the modem type the connection failed in such cases. The old behavior was restored.
81609	**Broken OpenVPN after update** Some existing OpenVPN configurations in the field broke during the software update process. This was fixed.
81663	**firewall issues** In previous versions, a part of IPSec firewall rules were not inserted correctly. This issue has been fixed.

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5 Change History

Version	Date	Name	Reason
1.0	Oct 11, 2022	Jürgen Henke	Final version

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