

Release Note NRSW 4.8.0.102

Project Name: NRSW

Abstract:

This document represents the release note for NetModule Router Software 4.8.0.102. 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

Document Control:

Document:	Version	1.0
	File	NRSW-RN-4.8.0.102
	Status	Final
Creation:	Role	Name
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Approval	Role	Name
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1 Release Information

NetModule Router Software:

Version: **4.8.0.102**
Date: **Nov 17, 2023**

Supported Hardware:

NetModule Router	Hardware Version
NB800	V2.0 - V2.2, V3.2 (Rev.B02 - B03)
NG800	V3.0 - V3.2
NB1601	V1.0 - V1.7
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 New Features

Case-#	Description
81782	Web-UI fixes Access point controller can now set static gateway addresses

3 Security Fixes

The following security relevant issues have been fixed.

Case-#	Description
83072	Busybox CVE fixes CVE-2022-28391: arbitrary remote code execution via netstat CVE-2022-48174: arbitrary code execution via stack overflow in ash CVE-2022-30065: possible denial of service via use-after-free in awk
83077	Curl CVE fixes CVE-2023-38546: This flaw allows an attacker to insert cookies at will into a running program using libcurl. CVE-2023-38545: This flaw makes curl overflow a heap based buffer in the SOCKS5 proxy handshake.

4 Fixes

The following issues and problems have been fixed.

Case-#	Description
78469 83075 83076	Web-UI fixes If the access token for the login page expired it will be automatically refreshed now. After a factory reset a wrong IP address was shown on the LAN interface. This is fixed. On NB1601 Rev. 1.6 and NB3800 Rev C01 USB to serial adapters were no longer recognized and displayed. This is fixed.
81896	802.1X fixes Connected ethernet ports with unauthenticated clients will now periodically trigger reauthentication requests.
82788	OpenVPN fixes OpenVPN server expert files did not install shared network settings correctly. This is fixed.
83071 83074	LXC DNS fixes DNSmasq configurations of virtual interfaces in LXC containers got deleted on network reconfiguration. This is fixed DNSmasq settings were not properly written after gateway changes on a virtual interface.
83078	Firewall fixes NAT rules did not function as expected in some cases after router reboot due to connection tracking. This is fixed.

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6 Change History

Version	Date	Name	Reason
1.0	Nov 17, 2023	Felix Kopf	Final version

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