Release Notes - NRSW 4.9.0.102

Project Name: NRSW

Abstract:

This document represents the release note for NetModule Router Software 4.9.0.102. 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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Review	Matthias Fricker

Approval

Role	Name
Director Product Development	Benjamin Amsler

1 Release Information

NetModule Router Software:

Version:	**4.9.0.102**
Date:	**Dec 10, 2024**

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 Fixes

The following issues and problems have been fixed.

Case-#	Description
531890	**Wired 802.1X fixes** On specific hardware variants the service could not be started. This is fixed.
580328	**WWAN fixes** A configuration issue with the Huawei ME909 WWAN module caused it to only establish a 2G connection. This issue has been fixed.
580372	**Firewall fixes** NAPT rules containing a destination IP were not applied correctly, this was fixed.
582052	**Modem fixes** Hardware variants with TOBY L2xx-Modems could not connect to 2G-only networks. This is fixed.
586610	**OpenVPN fixes** Clients configured via the OpenVPN server using TUN devices could not be routed properly. This is fixed.

3 Known Issues

Items listed here represent minor problems known at release time. These issues will be resolved in a later version.

Case-#	Description
578728	**WAN-MTU** If the cellular network does not provide MTU information, ublox LARA-L6 modems use 1428 Byte as a default. This may lead to issues if an MTU of 1500 is expected.
589598	**NB1601 Ethernet MAC Change** On NB1601 hardware variants the ethernet port MAC addresses differ from the usually used prefix (00:11:2B) and serial pattern. The MAC address will reflect the vendor "Texas Instruments". This does not impact the device functionality. If however external MAC address based network control mechanisms are implemented these could require further attention.
589781	**WLAN issue NB800** On older hardware variants of the NB800 device the WLAN interface does not work in some instances. This can normally be fixed by a reboot but will inevitably reoccur. If your scenario is dependent on WLAN we recommend reverting to an older release version (e.g. 4.8.x.x) to regain a stable working state.

4 OSS Notice

See User Manual Chapter OSS.

5 Change History

Version	Date	Name	Reason
1.0	Dec 10, 2024	Felix Kopf	Final version

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