

Release Note NRSW 4.0.0.110

Project Name: HOTSPOT

Abstract:

This document represents the release note for NetModule Router Software 4.0.0.110. It informs on new functionality, corrections and known issues of the current software version of NetModule's router series.

Keywords:

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1 Release Information

NetModule Router Software:

Version: **4.0.0.110**
Date: **February 03, 2018**

HOTSPOT Extensions:

Version: **1.9**
Date: **June 26, 2018**

Supported Hardware:

NetModule Router	Hardware Version
NB1600	V1.0 - V3.3
NB2700	V1.0 - V2.7
NB2710	V1.0 - V2.7
NB2800	V1.0 - V1.4
NB3700	V2.0 - V4.3
NB3701	V1.0 - V1.3
NB3710	V2.0 - V4.3
NB3711	V1.0 - V1.3
NB3720	V2.0 - V4.3
NB3800	V1.0 - V1.3

Unsupported Hardware:

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

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2 New Features

Case-#	Description
46120	<p>Provide same USB drivers for all platforms</p> <p>For our products different drivers for external USB serial or USB ethernet adapters had been shipped. We now provide the same drivers for all our routers. Please refer to our manual for detailed description of supported 3rd party hardware.</p>
48506 49100 49132	<p>GUI improvements</p> <p>A SIM card which required a PIN did show "unknown" for pin protection in overview and "error" on SIM state until the correct PIN was applied.</p> <p>The current IPsec status shown in the web interface was inconsistent at different locations. The status is shown identical everywhere now.</p> <p>A WAN interface on a disabled LAN port would show as "dialing" in the overview. That was fixed. It shows "disabled" now.</p>
49059	<p>New SNMP field showing the activation time of a new software update</p> <p>Software update via SNMP is done in two steps: First the new release is updated, second is the activation of the previously updated software release. So far only the time stamp of the download could be obtained via SNMP. Now also the activation time stamp can be requested via SNMP.</p>
49920	<p>Allow individual SSL settings for WPA-EAP-TLS</p> <p>It is possible now to set up individual SSL settings for WLAN with WPA-EAP-TLS setup. Please contact our customer support if you need this feature.</p>
50907	<p>Support for new configuration version 1.11</p> <p>The new software release supports conversion of configuration files with version ID up to 1.11.</p>
50888	<p>HOTSPOT: binary files update</p> <p>The HOTSPOT binary files have been updated and compiled with LARGER_LIMITS flags.</p>

3 Fixes

The following issues and problems have been fixed.

Case-#	Description
48299	OpenVPN server does not restart after configuration update After uploading a configuration with new OpenVPN expert mode file the OpenVPN server was not automatically restated and did not apply the changes.
48728	Custom factory default configuration does not apply There have been situations where a custom factory configuration could not be applied. This was fixed.
49063 49423	SDK improvements The SDK function nb_can_setattr failed if the optional parameter restart was different from 0. On parallel call of nb_config_get from different SDK scripts the function might return wrong data occasionally. This was fixed.
49105 49106	GUI improvements IPsec expert mode file download from the web interface sometimes failed.
49353	Authorities certificates were not used for all HTTPS downloads Some functions where data is downloaded from a server the "Authorities" certificates were not used. E.g. it was not possible to update WWAN module firmware from HTTPS.
49354	SNMP: Upload of current configuration to server failed An upload of the current configuration to a server failed when triggered via SNMP. That was fixed.
49365	HTTPS server did not restart after configuration update When a configuration with new certificates for the HTTPS server was uploaded the server did not apply the new certificates automatically.
49703	No audio output on start of call on NB2710 The analogue audio output of the NB2710 with Huawei ME909u-521 failed for several seconds after the call started. This was due to a race condition on buffer access. The issue was fixed.
49714	Configuration update fails with kernel panic There were configuration set-ups which triggered a kernel error while applying the configuration. This was fixed.
51055	WLAN selection priority ignored on WPA-Enterprise If WPA-EAP-TLS was configured for one WLAN client setup, the priority for that configuration was always set to 1, meaning that this network was selected with high priority independent of the selection priority the user configured.
49292	HOTSPOT: Upgrade and downgrade issue The HOTSPOT configuration was lost if the software was upgraded to a new major release. This has been fixed.
49684	HOTSPOT: Wrong DNS resolution In certain cases it was possible that the resolution of DNS addresses went wrong if static hosts were configured. This has been fixed.
51771	HOTSPOT: DHCP information wrong in webgui In webgui the DHCP status was shown as inactive if a interface has been configured as HOTSPOT. This has been fixed.
51852	HOTSPOT: Config update failed Configuration update failed if HOTSPOT has been configured. This has been fixed.

4 Known Issues

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

Case-#	Description
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5 Pitfalls

Items listed as pitfalls are potential problems that may arise because of specific environmental conditions.

Case-#	Description
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7 Change History

Version	Date	Name	Reason
1.0	2018-06-26	walther	Final

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