

Release Note NRSW 4.1.0.2

Project Name: NRSW

Please be aware this is a beta release and not qualified by NetModule for productive usage!

Abstract:

This document represents the release note for NetModule Router Software 4.1.0.2. It informs on new functionality, corrections and known issues of the current software version of NetModule's router series in comparison to the previous stable release 4.1.0.1.

Keywords:

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	Author	Moritz Rosenthal
	Review	Benjamin Amsler
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	Director Product Development	Michael Enz

1 Release Information

NetModule Router Software:

Version: **4.1.0.2**
Date: **November 29, 2017**

Supported Hardware:

NetModule Router	Hardware Version
NB800	V2.0 - V2.2
NB1600	V1.0 - V3.3
NB1800	V1.0 - V1.0
NB2700	V1.0 - V2.7
NB2710	V1.0 - V2.7
NB2800	V1.0 - V1.4
NB3700	V2.0 - V4.3
NB3701	V1.0 - V1.4
NB3710	V2.0 - V4.3
NB3711	V1.0 - V1.4
NB3720	V2.0 - V4.3
NB3800	V1.0 - V1.4

Unsupported Hardware:

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

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2 New Features

Case-#	Description
45262	GUI improvements Tcpdump sessions can be recorded and downloaded from the device as a ZIP archive. Import and export of IPsec expert mode files failed on some setups. That was fixed. Some special characters like '@' or '!' were not allowed as APN password in web interface. This was fixed. The work flow for QOS setup was improved.
46048	
46383	
46857	
47914	New configuration version 1.10 Update of the automatic configuration conversion tool for configuration version 1.10.

3 Fixes

The following issues and problems have been fixed.

Case-#	Description
45208	Forwarded data of local networks were not excluded from IPsec Data that was supposed to be routed between locally connected networks was sometimes routed over IPsec connection. This was fixed.
47690	Allow SSH login for additional admin users Only the first three configured admin users were able to login via SSH and telnet. That was fixed.
47892	New SIP call canceled ongoing voice call If a second SIP call was initiated while another call was already ongoing, the first call was terminated. This was fixed. The new call will fail if the corresponding voice modem is busy.
47906	DNS- and DHCP-server failed to restart Under rare conditions it was possible that the dnsmasq daemon which acts as DNS- and DHCP-server to LAN and Wi-Fi clients failed to restart and would be unavailable until reboot of the system. This was fixed.
47939	Fixed FTP delete command Sometimes SDK command nb_transfer_delete failed on FTP servers. This was fixed.
48116 48117	Security fixes A possible integer underflow that leads to a write access violation was fixed in busybox (CVE-2017-15873) A possible integer underflow that leads to a read access violation was fixed in busybox (CVE-2017-15874)
48181	Wi-Fi dual-mode configuration failed Setup of a second SSID for an access point in Wi-Fi dual mode failed. This has been fixed.
48343	Login with public key fixed Due to an error introduced in the bug fix for CVE-2017-9079 in NRSW-4.1.0.1-beta SSH login with public key was not possible. This was 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
46877	GPS as time source shows variances Time sync via GPS may show time variabilities of more than 1s. This affects the system time if time synchronization from GNSS is selected.

5 Pitfalls

Items listed as pitfalls are potential problems that may arise because of specific environmental conditions. There are currently no fixes planned for these issues.

Case-#	Description
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7 Change History

Version	Date	Name	Reason
1.0	2017-11-29	rosenthal	Final

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NetModule AG is located at:

Meriedweg 11
 CH-3172 Niederwangen
 Switzerland

info@netmodule.com

Tel +41 31 985 25 10

Fax +41 31 985 25 11

For more information about NetModule AG visit the NetModule website at www.netmodule.com.