

Release Note NRSW 4.0.0.101

Project Name: NRSW 4.0

Abstract:

This document represents the release note for NetModule Router Software 4.0.0.101. 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: **4.0.0.101**
Date: **August 28, 2016**

Supported Hardware:

NetModule Router	Hardware Version
NB1600	V1.0 - V3.3
NB2700	V1.0 - V2.7
NB2710	V1.0 - V2.7
NB2800	V1.0 - V1.1
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
40834	<p>Configurable IP-Passthrough Network</p> <p>It is now possible to configure the WAN network which will be passed-through to a LAN host and to communicate with other devices in that network.</p>
41319 43177	<p>Firmware Update on NB2800/NB3800</p> <p>Firmware updates can now be run on NB2800/NB3800.</p>
43079	<p>SDK Workdays/Weekend Triggers</p> <p>Triggering scripts only on workdays or weekend is now possible.</p>

3 Fixes

The following issues and problems have been fixed.

Case-#	Description
43102	Flipping WAN Links It was not possible to flip configured WAN links using the Web Manager. This has been fixed.
41681	Preferred Service on Sierra MC7455 The preferred service was not achieved on Sierra MC7455. This is working now.
43144 43128	System Time over GPS The system has not been notified in case the time has been synchronized over GPS. This has been fixed.
42971 43100	QoS Issues The QoS page showed no configurable interfaces. The daemon is now also more robust in case of a bogus configuration.
43205	TCP Challenge ACK The kernel has been patched to make TCP challenge ACKs less predictable (see CVE-2016-5696).
43263	SMS Filtering It appeared that all messages have been filtered out although a rule existed which should have allowed messages from a particular number. This has been fixed.
43268	Invalid Signal Information on Huawei EM820W Under some circumstances it appeared that the retrieved RSCP/ECIO value was declared as invalid on Huawei EM820W. This has been fixed.
42778 42797	Force DHCP Static Address for Ethernet Port The DHCP server has assigned a new address out of the lease pool and not the configured static address if a new device has been attached to the corresponding Ethernet port. This has been fixed.
43241	SNMP Upload Uploading the configuration or system log via SNMP failed due to a bogus URL check. This has been fixed.
43275	GLONASS on Huawei ME909 Receiving information from GLONASS satellites was not working. This has been fixed.
43136	USSD Queries USSD queries were not working on all modems. They have been verified for the following modems: <ul style="list-style-type: none"> • Option GTM661/GTM671 • Huawei EM820 • Huawei ME909 • Sierra MC7710

4 Known Issues

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

Case-#	Description
32507	No VRRP on Bridged Interfaces VRRP over bridged interfaces is not implemented.
36992	No SMS Delivery Reports SMS delivery reports are currently not possible with Option GTM661/GTM671, Huawei EM820 and Sierra MC7710 modems.
42851	No RSTP on Bridged TAP Devices RSTP does not work on bridged TAP devices.

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	2016-08-28	amsler	Release

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