Release Note NRSW 4.0.0.102

Project Name: NRSW 4.0

Abstract:

This document represents the release note for NetModule Router Software 4.0.0.102. It informs on new functionality, corrections and known issues of the current software version of NetModule's router series.

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Approval

Role	Name
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1 Release Information

NetModule Router Software:

Version:	**4.0.0.102**
Date:	**September 14, 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
43312	**WEP Hex Keys for WLAN Client**
	It is now possible to configure WEP40/WEP104 keys in ASCII and HEX notation.

3 Fixes

The following issues and problems have been fixed.

Case-#	Description
43155	**Support for Sierra MC7354** The Sierra MC7354 modem did not come up reliably. This has been fixed.
43213	**OpenVPN Client Management** In case an OpenVPN client network was configured it was not possible to add a server network. This has been fixed.
40450 **43302**	**Fixes for SNMP Extensions** It appeared that `configUpdated`, `softwareUpdated`, `altConfigUpdated` and `altSoftwareUpdated` returned an incorrect date response. Further, the last config activation and installation date was not recorded properly. The software and config profiles will now be updated immediately. It is not anymore required to specify the remote Engine ID for SNMP traps.
43344	**Invalid WLAN RSSI Range** In very rare cases the link-manager did not bring up the WLAN connection due to a bogus signal strength calculation. This has been fixed.
43356	**QoS Bandwith Configuration** It was not possible to adjust the download bandwidth of a QoS queue if congestion was set to `fixed`.
43389 **43388**	**SDK Fixes** The `nb_transfer_get` function did not return a failure in case of an invalid authentication error. Further, the `nb_can_setattr` did not correctly set up the listen mode. The issues have been fixed.
43204	**Import of CAPWAP Certificates** Importing CA bundle files for CAPWAP failed under some circumstances. This has been fixed.
40834	**IP-Passthrough Routing** Routes for IP-Passthrough are now set up correctly.
40834	**GLONASS with Huawei ME909** Setting up GLONASS on ME909 raised an error with older firmware versions. This has been resolved.

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

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