Release Note NRSW 3.8.0.105

Project Name: NRSW 3.8

Abstract:

This document represents the release note for NetModule Router Software 3.8.0.105. It informs on new functionality, corrections and known issues of the current software version of NetModule's router series.

Keywords:

NetModule, Software Development, NRSW, Release Note

Document Control:

Document:

Version	1.0
File	NRSW-RN-3.8.0.105
Status	Valid

Creation:

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Approval

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1 Release Information

NetModule Router Software:

Version: **3.8.0.105**
Date: **March 11, 2016**

Supported Hardware:

NetModule Router	Hardware Version
NB1600	V1.0 - V3.3
NB2700	V1.0 - V2.7
NB2710	V1.0 - V2.7
NB3700	V2.0 - V4.3
NB3710	V2.0 - V4.3
NB3720	V2.0 - V4.3

Unsupported Hardware:

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

2 New Features

Case-#	Description
38412	**No Configuration Secrets in TechSupport** It is now possible to create a TechSupport file without configuration secrets.

3 Fixes

The following issues and problems have been fixed.

Case-#	Description
41663	**Huawei EM820 Resets** Test results have proven that the Huawei EM820 modem tends to reset more frequently because of newly introduced URC filter settings. They have been reverted now.
41352 41399	**Syslog Size** It may have happened that the system ran out of available disk space if a too large syslog file size has been configured. The file size is now limited to max. 8kB. The log file rotation is working properly for all SDK jobs.
41611	**Passphrase in Plain Text** The passphrase for certificates was shown in plain text. The corresponding Web Manager page has been fixed.
41139	**Special Chars in AT Commands** The Web Manager complained about invalid characters when issuing AT commands. This has been fixed.
40931	**IPsec NAT Address** Configured NAT addresses for IPsec tunnels have not been set under special circumstances. This has been fixed.
40928	**Random Data on Serial Port** Due to a floating UART RX pin it may have happened that random data has been sent/received on the serial port. This has been fixed.
41571	**USB Autorun Failed with VFAT** USB autorun may have failed with VFAT formatted USB memory sticks. This has been fixed.
41186	**ATH Kernel Warnings** Under some circumstances the system log was flooded with superfluous kernel warnings. This has been fixed.
41728	**NMEA Frame Interval on GTM6xx** The Option GTM671 and GTM661 modems delivered NMEA frames only every two seconds although one second was configured. This has been resolved.
41592 41521	**SNMP Values not Updated** SNMP values of the nbWwanTable were not always updated. This has been fixed. We also reject incorrect configured destination addresses for SNMP traps.
41702	**Secrets in SDK Configuration Operations** Any configuration parameters set by SDK scripts have been visible in the system log. This has been fixed.
41781	**No CDMA450 Uplink** The CDMA450 uplink did not come up with Cellient MPN200 modems. 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
37225	**USSD on Huawei EM770** USSD queries on Huawei EM770 modems are not supported.
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.

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	2016-03-11	amsler	Release

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