Release Note NRSW 3.8.0.109

Project Name: NRSW 3.8

Abstract:

This document represents the release note for NetModule Router Software 3.8.0.109. It informs on new functionality, corrections and known issues of the current software version of NetModule's router series.

Keywords:

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Approval	Role	Name
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1 Release Information

NetModule Router Software:

Version:	**3.8.0.109**
Date:	**January 26, 2017**

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

3 Fixes

The following issues and problems have been fixed.

Case-#	Description
43857	**Force IPv4 for IPsec Connections** An IPsec tunnel did not came up if the peer hostname resolved to IPv4 and IPv6 addresses. This has been fixed.
44032	**IPsec Firewall Issues** It occured that firewall rules blocked IPsec traffic in certain cases. This has been fixed.
43981 **43993**	**Voice Daemon Failures** Under some circumstances it may have happened that the voice daemon terminated which resulted in a reboot of the system. This has been fixed.
43450	**OpenVPN Tunnel** In some rare cases it happened that the OpenVPN client did not come up after a software update. This has been fixed.
44114	**Importing WLAN Certificates** WLAN client keys were not imported correctly. This has been fixed.
44110 **44056**	**NAPT Netmask Validation** The NAPT netmask is now validated correctly by the GUI. It will be set to /32 if omitted.
44243	**SDK Memory Leak** The `sysinfo` function suffered a memory leak.
44230	**Failed Software Update** A software update over the GUI might have failed under some circumstances.
44219	**Empty Configuration After Update** An empty configuration may have been generated if config conversion potentially failed after an update. This has been fixed.
44140	**Failed Modem Query** Particular AT and USSDs queries failed. This has been fixed.
44328	**WWAN Connections Not Dialed** It occurred in very rare cases that the WWAN connection was not dialed. This has been fixed.
40953 **44478** **44496** **44288**	**Security Fixes** OpenSSL has been upgraded to 1.0.1u and received a fix for CVE-2016-7056. Access to secret config variables for non-admin users is now forbidden. Generating techsupport via CLI will be done without config secrets. Don't trigger unwanted software updates.

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
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