

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:

NetModule, Software Development, NRSW, Release Note

Document Control:

Document:	Version	1.0
	File	NRSW-RN-3.8.0.109
	Status	Valid
Creation:	Role	Name
	Author	Benjamin Amsler
	Review	Stefan Schlosser
Approval	Role	Name
	Technical CEO	Thomas Siegrist

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 come up if the peer hostname resolved to IPv4 and IPv6 addresses. This has been fixed.
44032	IPsec Firewall Issues It occurred 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 <code>sysinfo</code> 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
--------	-------------

6 OSS Notice

We inform you that NetModule products may contain in part open source software. We are distributing such open source software to you under the terms of GNU General Public License (GPL)¹, GNU Lesser General Public License (LGPL)² or other open source licenses³.

These licenses allow you to run, copy, distribute, study, change and improve any software covered by GPL, Lesser GPL, or other open source licenses without any restrictions from us or our end user license agreement on what you may do with that software. Unless required by applicable law or agreed to in writing, software distributed under open source licenses is distributed on an "AS IS" basis, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

To obtain the corresponding open source codes covered by these licenses, please contact our technical support at router@support.netmodule.com.

¹GPLv2 license is available at <http://www.gnu.org/licenses/gpl-2.0.txt>

²LGPL license is available at <http://www.gnu.org/licenses/lgpl.txt>

³OSI licenses (ISC License, MIT License, PHP License v3.0, zlib License) are available at <http://opensource.org/licenses>

7 Change History

Version	Date	Name	Reason
1.0	2017-01-26	amsler	Release

Copyright © 1998 - 2017 NetModule AG; All rights reserved

This document contains proprietary information of NetModule AG. No part of the work described herein may be reproduced. Reverse engineering of the hardware or software is prohibited and is protected by patent law. This material or any portion of it may not be copied in any form or by any means, stored in a retrieval system, adopted or transmitted in any form or by any means (electronic, mechanical, photographic, graphic, optic or otherwise), or translated in any language or computer language without the prior written permission of NetModule AG.

The information in this document is subject to change without notice. NetModule AG makes no representation or warranties with respect to the contents herein and shall not be responsible for any loss or damage caused to the user by the direct or indirect use of this information. This document may contain information about third party products or processes. This third party information is out of influence of NetModule AG therefore NetModule AG shall not be responsible for the correctness or legitimacy of this information. If you find any problems in the documentation, please report them in writing by email to info@netmodule.com at NetModule AG.

While due care has been taken to deliver accurate documentation, NetModule AG does not warrant that this document is error-free.

"NetModule AG" and "NetModule Router" are trademarks and the NetModule logo is a service mark of NetModule AG.

All other products or company names mentioned herein are used for identification purposes only, and may be trademarks or registered trademarks of their respective owners.

The following description of software, hardware or process of NetModule AG or other third party provider may be included with your product and will be subject to the software, hardware or other license agreement.

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.