

Release Note NRSW 3.7.0.103

Project Name: NRSW 3.7

Abstract:

This document represents the release note for NetModule Router Software 3.7.0.103. 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: **3.7.0.103**
Date: **October 29, 2014**

Supported Hardware:

NetModule Router	Hardware Version
NB1600	V1.0 - V3.1
NB2700	V1.0 - V2.4
NB3700	V2.0 - V4.3

Unsupported Hardware:

NetModule Router
NB1310
NB22XX
NB23XX
NB25XX
NB26XX

2 New Features

Case-#	Description
35512	<p>Legal Notice</p> <p>A dedicated GUI page under SYSTEM is now pointing out that NRSW contains in part open source software that may be licensed under GPL, LGPL or other open source licenses. It further provides detailed information for each package now, including the relevant license text and the corresponding source URL. The user is now obliged to accept our end user license agreement during the initial setup of the router.</p> <p>We remind you that the source code of any package can be obtained by contacting our technical support at router@support.netmodule.com.</p>
35461	<p>Redundancy Status</p> <p>The VRRP redundancy status including the currently active role can now be shown with CLI. If configured, OpenVPN will be restarted in case the redundancy role changes.</p>
35553	<p>Other Remote IDs for IPSec PKI Clients</p> <p>It is now possible to specify other remote IDs (FQDN, IP address, etc) when running IPSec as PKI client. Formerly, this has been derived from the Common Name of the certificate only.</p>
35798	<p>Increased Number of IPSec Networks</p> <p>It is now possible to specify up to 10 networks for each IPSec tunnel.</p>
35621	<p>OpenVPN Duplicates</p> <p>One single certificate can be used now for multiple clients by setting the following config option: <code>openvpn.tunnel.x.duplicates=allow</code>.</p>
35310	<p>Enhanced WLAN Details</p> <p>The currently associated WLAN network name (SSID) as well as the DHCP address for WLAN stations can be obtained now with GUI and CLI. The number of received/transmitted bytes are shown correctly now.</p>

3 Fixes

The following issues and problems have been fixed.

Case-#	Description
35216	<p>Memory Leaks</p> <p>It may have appeared that the wwan-manager application was suffering a memory leak. This has been fixed. We have further applied patches to OpenVPN to prevent any leaks there as well. This is being accompanied by setting a maximum limit of concurrently connected clients.</p>
35373	<p>SDK Filesystem Usage</p> <p>The used SDK filesystem size was calculated incorrectly under some circumstances. This has been resolved.</p>
34904	<p>WLAN Accounting</p> <p>We have adapted the Cisco accounting profile if WLAN is being used as access point in order to comply with the latest Cisco router versions.</p>
35954	<p>Local Packets Blocked</p> <p>For some sort of firewall configurations it may have happened that locally generated packets have been blocked after upgrading from 3.6 to 3.7.0. The rules will be now converted to make those packets pass again.</p>
35928	<p>VLAN on Non-Existing Interfaces</p> <p>Formerly, it has been possible to define VLAN interfaces on non-existing network interfaces. It is now required that those interfaces have to be properly configured in advance.</p>
35966	<p>Firewalling of Broadcast Packets</p> <p>Broadcast packets (e.g. DHCP requests targeted to 255.255.255.255) are now treated as locally destined packets.</p>
35574	<p>GPS Fix Frame Interval for Huawei Modems</p> <p>The GPS fix frame interval has been set to one second for Huawei modems in accordance with other UMTS/LTE modems.</p>
36147	<p>Ethernet Status Page</p> <p>An unprivileged user was not able to view the Ethernet status GUI page. This has been fixed.</p>
36101	<p>Broken PPPoE Connection</p> <p>It may have appeared that PPPoE connections didn't come up. This has been fixed.</p>
36218	<p>Extended Routing for Local Packets</p> <p>Extended Routes have not been applied for locally generated packets. This issue has been resolved.</p>

4 Known Issues

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

Case-#	Description
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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

Changes:

Version	Date	Name	Reason
1.0	2014-10-29	hess	Release
1.1	2014-10-29	hess	Added OSS Notice

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