NET MODULE

Ref: README_Huawei_NAPT_4.9.0.101_20241101

Important Product Information Notice

NRSW 4.9.0.**101, Huawei Modems, NAPT rule**

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Summary

Version 4.9.0.101 of NRSW for routers was released on October 28, 2024. After updating to version 4.9.0.**101**, routers

- with the Huawei ME909 cellular modem may be limited to connecting only with EDGE/2G networks.
- with NAPT function in use, may experience issues with NAPT functionality, potentially making the device inaccessible via WWAN or LAN.

Affected Products

- All products with the "-L" option for LTE Cat. 4, based on the Huawei ME909 modem, are affected. Products using other cellular standards or modems, such as the u-Blox TOBYL2, Telit LE910, or LTE Advanced Pro Telit LN920A12, are not impacted.
- All Product using the Firewall function NAPT on the device are affected.

Detail

Description of behaviour after the update to 4.9.0.101:

- The Huawei ME909 modem becomes limited to EDGE/2G connectivity. If the mobile network operator (MNO) has phased out EDGE/2G services, the modem will be unable to establish any connection.
- **NAPT Functionality**: NAPT rules allow modification of the destination segment of IP packets, enabling forwarding of specific services or ports to an internal host.
  Remote Access Impact: Remote access may no longer be available, and devices using the "LAN" interface may lose connectivity.

Additional Information

The Netmodule Router Software images for 4.9 are still available for using without the function *NAPT, no Huawei Modem present* on request at https://support.netmodule.com/