NO:AP1101-2 V.1

Release Note for Vigor3910 Series

Firmware Version:	4.4.6.4
Release Type:	Critical – Upgrade immediately to address urgent security issues or major system risks
Applied Models:	Vigor3910

Read First

- Due to the WebGUI security issue (fixed in 3.9.6.3), we recommend changing the passwords for admin login and password/PSKs for VPN profiles after upgrading the latest firmware from 3.9.6.2 or earlier.
- Before upgrading to firmware version 4.4.6.1, please first upgrade to version 4.3.2.7, 4.4.3.2, or later to ensure configuration compatibility. If the currently running firmware version is 3.9.x, you must first upgrade to version 3.9.7.2.
- Since 4.4.3.2 firmware version there is support for admin password hashing, please note that if you upgrade to this version and later downgrade to a previous version, the admin password will reset to the default, and you will need to reconfigure it. Other settings will not be affected.
- When the firmware is downgrading via “System Maintenance > Firmware Upgrade”, one might have a chance to experience a config compatibility error, which causes the config of a certain function to return to the default setting. To avoid this error, “System Maintenance >> Configuration Export >> Restore Firmware with config” is the preferred way for firmware “downgrading”. We suggest backup the config file before upgrading any firmware as well.
- It is always recommended to take a configuration backup before performing the firmware upgrade.

New Features

- Added a "Change Source IP" option to the Port Redirection and Open Ports rules, allowing the LAN server to see the router's LAN IP or a user-specified IP as the source address.

Improvement

Security

- Improved: Updated SQLite to address known security issues, including CVE-2025-6965 and CVE-2019-8457.
- Improved: Enhanced the security of the Web UI login page.
- Improved: Enhanced TR-069 STUN handling to address a buffer overflow issue (CVE-2024-51138) and strengthened web request handling security.
- Improved: Configuration restore now checks the file and rejects invalid content before applying it.
- Corrected: An issue where Telnet port 23 could still be reached from LAN/WAN after the Telnet port was changed.

Reboot / Crash / Freeze / High CPU

- Corrected: An issue where the router could reboot when an IKEv2 VPN connection was disconnected.
- Corrected: An issue where the router rebooted when saving a VPN LAN-to-LAN profile with an IP address specified as the Dial-Out server.
- Corrected: An issue where the router could freeze or crash when closing USB Syslog files.
- Corrected: Possible crashes related to SNMP, Syslog, and mail alerts.
- Corrected: An issue where a long response from a customized DDNS server could cause the router to reboot.

VPN

- Corrected: An issue where L2TP over IPsec dial-in users experienced packet loss or TCP/HTTPS connection failures when accessing a LAN-to-LAN VPN.
- Corrected: An issue where IKEv2 EAP authentication failed for RADIUS users with MFA enabled.
- Corrected: An issue where L2TP VPN users authenticated through RADIUS with MFA enabled were disconnected, resulting in incorrect disconnect logs and alerts.
- Corrected: An issue where an IPsec ESP LAN-to-LAN VPN failed on a DHCP WAN when the DHCP server and the gateway provided by different devices.
- Corrected: An issue where User-Based firewall rules were not applied to HTTP traffic from LAN to VPN.
- Corrected: An issue where the VPN server incorrectly logged scheduled-off users when an active user dialed in.

Web UI

- Corrected: An issue where Log Collector showed "Error occurred" after the login session expired.
- Corrected: An issue where the Dashboard VPN list could not show more than 8 VPN users.
- Corrected: An issue where VPN Connection Management displayed an incorrect DH group.
- Corrected: An issue where the log page of a customized DDNS profile was empty.

Others

- Improved: User-Defined DDNS profiles can now request a Let's Encrypt certificate.
- Improved: Added a firmware update reminder, shown at admin login and on HTTP web pages, when newer firmware is available.
- Corrected: An issue where PPPoE could not dial up with some ISPs.
- Corrected: An issue where the PPPoE Server allowed only one connection per user, regardless of the Max. Login Device setting.
- Corrected: An issue where the WAN DHCP lease failed to renew when the ISP provided identical T1 and T2 timer values.
- Corrected: An issue where unresolvable hostnames in Keyword Objects generated excessive DNS queries and log entries.
- Corrected: An issue where Let's Encrypt certificate auto renewal failed due to a domain name mismatch.
- Corrected: An issue where the router checked the Let's Encrypt certificate status every few seconds when a DDNS profile had no WAN IP.
- Corrected: An issue where DDNS updates were sent repeatedly even though the WAN IP had not changed.
- Corrected: An issue where SNMP was disabled after a reboot when the Set Community field was left blank.
- Corrected: An issue where a Firewall configuration backup could not be restored on another router.
- Corrected: An issue where the Linux system could not resolve DNS names after the DNSSEC root key rollover (KSK-2024).

Known Issue

- The web portal may cause the router to be too busy to respond quickly.
- The router may reboot repeatedly when TR-069 with XMPP is enabled. Disable XMPP to avoid this issue.

Note

- After upgrading to 4.4.3, the Max NAT connection will decrease from 1000K to 500K due to memory limitation.
- To comply with NIS2 security requirements, the firmware now applies the following defaults: Telnet is disabled, FTP is disabled, and Enforce HTTPS Access is enabled. If Telnet/ FTP access on LAN1 is unavailable after the upgrade, users are advised to verify the settings under System Maintenance >> LAN Access Control.

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