Release Note for Vigor3912 Series

Firmware Version:	4.4.3.4
Release Type:	Regular – Upgrade recommended when convenient, as it includes general improvements and optimizations
Applied Models:	Vigor3912, Vigor3912S

New Features

- None.

Improvement

- Improved: Replace the wording "null" with "empty."
- Improved: Support to use the protocol of TCP for Port Knocking.
- Improved: Refine the update method for User Management's data quota.
- Improved: Add the BFP Status (located under Security) on the Dashboard.
- Improved: Hide the CSM profiles that are not enabled on the Main Filter page.
- Improved: Change the text "Product Registration" to "Registration & Services".
- Improved: Add "sms.mitake.com.tw" and "SerwerSMS.pl" as SMS Service Providers.
- Improved: Add TR-069 parameters for Applications >> RADIUS/TACACS+ >> Certificate.
- Improved: Add a note to explain the 'None' item for Protocol on the NAT >> Port Knocking page.
- Improved: Remove "Malloc OSPF config fail" error log when OSPF is enabled but no profiles are configured.
- Improved: Display the Router Policy Name (comment) in the dropdown menus instead of displaying the "Index number."
- Improved: Add a prompt to re-enter the verification code when changing other settings on the NAT>>Port Knocking page.
- Improved: Increase the username length in User Management (and USB >> User Management) to 32 characters from the current limit of 11 characters.
- Improved: Enhance the DPDK Anti-DoS mechanism to reduce high CPU usage caused by UDP broadcast/multicast floods and resolve a router crash issue.
- Corrected: An issue with the STUN server.
- Corrected: An issue with a buffer leakage with SSL VPN.
- Corrected: An issue with router rebooted after login with 2-FA enabled.
- Corrected: An issue with failure to pass all traffic (0.0.0.0/0) through VPN.
- Corrected: An issue with the information displayed for IGMP Status incorrectly.
- Corrected: An issue that WAN IP object/group wasn't listed in firewall source IP.
- Corrected: An issue with High CPU usage due to UDP broadcast/multicast flood.

- Corrected: An issue with failure to establish the IPsec X.509 H2L VPN connection.
- Corrected: An issue with failure to send SMS using MessageBird or custom settings.
- Corrected: An issue that the RADIUS Request Interval was not functioning properly.
- Corrected: An issue that HA Hot-Standby Config Sync was not functioning correctly.
- Corrected: An issue with WANx prioritization for DrayDDNS when using Internet IP.
- Corrected: An issue with the log for updating an external device turned into garbled text.
- Corrected: An issue where the Syslog client failed to work when using the WAN Alias IP.
- Corrected: An issue with DoS attack causing the high CPU usage and freezing the router.
- Corrected: An issue with failure to create a Let's Encrypt certificate with a No-IP domain name.
- Corrected: An issue that Vigor router rebooted when establishing the 3rd IKEv2 EAP VPN connection.
- Corrected: An issue where the online status displayed as "Fiber" even when the Ethernet connection was selected.
- Corrected: An issue with failure to display the correct icon for VigorAP918R, VigorAP805 and VigorAP962C via APM.
- Corrected: An issue with firewall block (with the direction of WAN->Localhost) rule started passing traffic after 5 minutes.
- Corrected: An issue that router reboot occurred when logging into Router Web with TOTP after downgrading from 4.4.3.2 to 4.4.3.1.
- Corrected: An issue that WAN RX Packet Count occasionally displayed negative values when using the CLI command "show state".
- Corrected: An issue that the Gateway setting appeared if WAN/LAN was selected for the Failover to option on Routing>>Route Policy.
- Corrected: Issues with the router that caused it to reboot, primarily related to dray_dpdk, QEMU and configuration backup job via VigorACS server.
- Corrected: An issue that the Internal Syslog Server continued to receive Syslog from the WAN, even after the NAT Open Port rule has been disabled.
- Corrected: An issue with IKEv2 VPN disconnecting when a Peer Domain Name was specified and receiving DNS server responses with a TTL of 0.
- Corrected: An issue when using the packet capture function on the web interface, P1 was incorrectly set enabled even after stopping the packet capture function.

Known Issue

- None.