Release Note for Vigor3912 Series

Firmware Version:	4.4.5
Release Type:	Important – Review release notes and upgrade if the changes affect your system stability, performance, or security
Applied Models:	Vigor3912, Vigor3912S

New Features

- Support for DrayOS5 APs.
- Support for XMPP.
- Support for VRRP.
- Support for EasyVPN.
- Support for VPN with Port Knocking.
- Enhance smart actions by enabling multiple actions per profile and saving notifications for configurations.

Improvement

Reboot

- Corrected: An issue that system rebooted due to the Web GUI and TR-069 configuration.
- Corrected: An issue with system rebooting during the backup job performed by VigorACS.
- Corrected: An issue that the router stopped responding and then crashed every 5 or more days.
- Corrected: An issue that system rebooted when there was a third VPN (IKEv2 EAP) connection.
- Corrected: An issue that CPE stayed in boot loop after firmware upgrade if the system parameter 15 was enabled.
- Corrected: An issue where the system rebooted after upgrading, which was related to SMS/SSL VPN functionality.
- Corrected: An issue that the system rebooted when a password containing "%" character was entered in External Devices.
- Corrected: A reboot issue that occurred when both WCF and DNS Filters were enabled during periods of unstable Internet connectivity.

VPN

- Improved: Modify the VPN 2FA Email content.
- Improved: Rename "EasyVPN/SSL" with "EasyVPN / SSL VPN".
- Corrected: An issue with failure to pass all traffic (0.0.0.0/0) through VPN.
- Corrected: An issue where DPDK Anti_DoS affected OpenVPN performance.

- Corrected: An issue with routing problem occurred in an MPLS via a VPN connection.
- Corrected: An issue with failure to restore the VPN backup file from Vigor2927 to Vigor3912.
- Corrected: An issue with EasyVPN connection/HTTPS server responding when accessed by a domain name.
- Corrected: An issue that VPN tunnels dropped and did not re-establish because the VPN info was not released properly.
- Corrected: An issue that VPN LAN to LAN with Translate Local Network "Translate Specific IP" always used x.x.x.0 for Local Network.
- Corrected: An issue with failure to establish a VPN connection if the VPN server used UBDDNS and the DNS server responded with TTL=0.

Security / TOTP / Port Knocking

- Improved: Enhance security by removing weak ciphers from the SSH server.
- Improved: Add an option to require both Access List and Port Knocking for router access.
- Corrected: An issue with Firewall filter by MAC Address failed to work.
- Corrected: An issue with failure to add IP to block list in the DoS Flood table.
- Corrected: An issue that the IP of a more remote subnet could scan the service port which was disabled.
- Corrected: An issue that LAN Access Control with IP Object Range Type could not block VPN from accessing the router's Management interface.
- Corrected: An issue that the firewall rule blocked all WAN traffic to the router, however after 5 minutes, the logs indicated that the traffic was still passing through.

Others

- Improved: Refine DPDK SP flush.
- Improved: Display the Link Aggregation in the Dashboard.
- Improved: Add a quick link to the BFP Block IP List on the dashboard.
- Improved: Support to display the detailed information for Port Statistics.
- Improved: Add new service providers, "SerwerSMS.pl" and "www.voipvioce.it(IT)".
- Improved: An error message /warning message in Syslog when SMS quota reaches 0.
- Corrected: An issue with cached DNS for TR-069.
- Corrected: An issue with missing the Chinese interface.
- Corrected: An issue that RADIUS Request Interval did not work.
- Corrected: An issue with failure to update DrayDDNS (behind NAT).
- Corrected: An issue with failure to update dyn.com after changing IP on WAN PPPoE.
- Corrected: An issue with failure to send SMS using MessageBird or customer's settings.
- Corrected: An issue with configuration of the authentication method for local administrator users.
- Corrected: An issue that APP Enforcement Profile did not block SnapChat and WhatsApp.
- Corrected: An issue with WANx-first behavior for DrayDDNS service when Internet IP was used.
- Corrected: An issue with the TR-069 CPE notification, as it did not provide the WAN IP address.
- Corrected: An issue with the route policy specific gateway did not work on new

connections.

- Corrected: An issue which CPE did not send Periodic Inform when the ACS kept requesting Connection Request.

- Corrected: An issue that TR-069 URL could not be removed when deleting the CPE with the option "Clear TR-069 URL" enabled on the ACS.

- Corrected: An issue with SMS failure through SMS Gateway using recipient number format with "+" sign and Custom SMS Service Object.

- Corrected: An issue which Virtual WAN could not establish PPPoE when both physical WAN and virtual WAN used the same VLAN tag or were untagged.

Known Issue

- None.