

Release Note for VigorSwitch P2542x Series

Firmware Version:	3.10.6
Release Type:	Important – Review release notes and upgrade if the changes affect your system stability, performance, or security
Applied Models:	VigorSwitch P2542x / P2542xh

VigorSwitch P2542x, the L2+ Managed Switch (48 Gigabit/PoE Ports and 6 SFP+ Ports), is a standard switch that meets both IEEE 802.3u/ab Fast Ethernet and Gigabit Ethernet specifications. The data transmission rate reaches to up link 10G with the power budget up to 400w.

New Features

- None.

Improvement

- Improved: Improve the CGI security (CVE-2026-52497, CVE-2026-52498, CVE-2026-52499, CVE-2026-52500, CVE-2026-52501, CVE-2026-52502 and CVE-2026-52503).
- Improved: Incorporating the security patches to OpenSSL.
- Improved: Add support for including the device hostname in DHCP Option 12 when sending DHCP requests.
- Improved: Enhance the WUI > Stacking > General Setup page to allow configuration of the Slave device's Stacking Port LAG after stacking is enabled. Add a note indicating that a reboot is required for the changes to take effect.
- Corrected: An issue where the Log Center page on Slave switches loaded slowly in a Stacking environment.
- Corrected: An issue where editing a Protected Host entry after sorting the list displayed an incorrect port number.
- Corrected: An issue where a DHCP Server IP interface with the Pool Count set to 1021 generated an error and could not be saved.
- Corrected: An issue where deselecting SFP+ ports from Stacking did not take effect until the user logged out and logged back in.
- Corrected: An issue where Stacking Port settings were configurable only on the Primary switch and not on Slot (Slave) devices.
- Corrected: An issue where SFP+ ports excluded from Stacking could not be added to a Link Aggregation Group (LAG) on Slot devices.
- Corrected: An issue where the switch rebooted when clearing the Protected Host Table while the MAC table contained a large number of entries.

- Corrected: An issue where the TR-069 URL on a CPE was not cleared when the device was deleted from ACS with the "Clear TR-069 URL" option enabled.
- Corrected: An issue where LLDP-MED settings were lost after a reboot in a Stacking environment, requiring manual reconfiguration to restore Voice VLAN functionality.
- Corrected: An issue where stale MAC/ARP entries remained on the L3 switch after an HA VIP failover, causing traffic to be forwarded to the previously active node.
- Corrected: An issue where intermittent L3 VLAN routing failures caused end devices to lose connectivity under high network load when using the switch as their default gateway.

Note

- This version (v3.10.4) follows the previous v2.10.2 release. The version numbering has been adjusted to the 3.x.x branch to better reflect the product's advanced feature set and software evolution.
- Starting from this version, STP (Spanning Tree Protocol) is enabled by default. This may result in a slightly longer link-up time for ports.