Firmware for TAP-323 Series Release Notes

Version: v1.9	Build: 25061016
Release Date: Jul 31, 2025	

Applicable Products

TAP-323 Series

Supported Operating Systems

N/A

New Features

• Added a firmware signature verification mechanism.

Enhancements

N/A

Bugs Fixed

• The remote host unintentionally responds to ICMP timestamp requests.
• CVE-2023-52160 vulnerability issue.
• CVE-2017-17562 vulnerability issue.
• Large header sizes would cause the web interface to become unresponsive.
• Using a long URL in the web interface would make it become unresponsive.

Changes

• Users are now required to update the default password when logging in to the web interface or CLI.
• Removed non-secure SSH key exchange algorithms.
• Removed non-secure cipher suites for TLS settings in the web interface.
• Revised the TLS cipher suite order for security.
• Updated NTP to v4.2.8p18.
• Updated zlib to v1.2.11.
• Updated dnsmasq to v2.85.
• Updated OpenSSL to v1.1.0l.

Notes

• The firmware for this device was developed using open source components. The FOSS declaration can be downloaded from the product page on the Moxa website (www.moxa.com).

Version: v1.8	Build: 21080414
Release Date: Nov 30, 2021	

Applicable Products

TAP-323 series

Supported Operating Systems

N/A

New Features

• Added support for the remote diagnostics feature on the Troubleshooting page.
• Added a Clear Log option to the Maintenance page.
• Added support for AAA authentication.
• Added support for Moxa Wireless Protect.
• Added Login/Authentication Failure Message settings in System Information.
• Added the Management Frame Encryption Password setting in Basic WLAN Setup.
• Added additional Multicast rate options for Advanced Wireless Settings.
• Added the option to enable or disable CCA.
• Added a client-to-AP retry count (1-4) option to Advanced Wireless Settings.
• Added support for a bidirectional Keep Alive mechanism for controller-based roaming.
• Added a bi-directional Keep Alive Check option.
• Added Alive Check interval and count settings.
• Added Turbo roaming events to System Log Event Types and Syslog Event Types.
• Added Coordinator Status events to Notification Event Types and Trap Event Types.
• Added Coordinator Status events to Relay Event Types
• Added the SMTP Port and SMTP Security Mode options to E-mail Server Settings.
• Added the Outgoing Packets and Incoming Packet status to Wireless LAN Status.
• Added an Export Log button to the DHCP Client List page.
• Added a page range to System Logs.
• Added the System, Account, ARP, Bridge, and LLDP Status to Status
• Added the Accessible Net List to the console.
• Added the Auto Logout period setting to the console.
• Added an encryption option for the Configuration Import & Export function.
• Added HTTP/HTTPS/Telnet/SSH, and SNMP settings to LAN and WLAN Settings.

Enhancements

• Cybersecurity enhancements.
• Adjusted the accuracy of the transmission (tx) rate to the second decimal.
• Enhanced the group check logic for WLAN, 50 ms roaming, security mode, and WAC settings.
• Network information (including IP, subnet mask, and gateway) has been added to the "Reboot" and "Save Configuration and Restart" pages to show the expected network settings after performing these tasks.
• The same SSID can now be used on both WLAN interfaces.

Bugs Fixed

• The certificate authentication is sometimes rejected by the server.
• The web server may sometimes crash due to a memory leak.
• Incorrect language on the Turbo Chain Status page.
• The real-time-clock (RTC) does not work if the system is not powered on for a long time.

Changes

• Changed the RF type default value from "B/G/N Mixed" to "2.4G N". Wireless.
• Changed the Wireless default state on the Operation Mode page from "enabled" to "disabled".

• Changed the default value of the Client lease time for the DHCP server from 5 days to 14400 min.
• Changed the default MAC Filters policy from "accept" to "drop".
• Changed the default state of HTTP and Telnet on the Console Settings page from "enabled" to "disabled".
• Removed the ability to press Enter to trigger the ping function.

Notes

N/A

Version: v1.3	Build: N/A
Release Date: Mar 21, 2018	

Applicable Products

N/A

Supported Operating Systems

Linux 2.6.x

New Features

First release

Enhancements

First release

Bugs Fixed

First release

Changes

First release

Notes

First release