



TQ6K GEN2 Wireless Access Points Version 8.0.1-1.1 Software Release Notes

Read this document before using the management software. The document has the following sections:

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Supported Platforms

The following access points support version 8.0.1-1.1:

- ❑ TQ6702 GEN2
- ❑ TQm6702 GEN2
- ❑ TQ6602 GEN2
- ❑ TQm6602 GEN2

For instructions on how to upgrade the management software on the TQ6K GEN2 wireless access point, see the *TQ6K GEN2 Wireless Access Point Management Software User’s Guide*, available on the Allied Telesis Inc. website at www.alliedtelesis.com/support.

The firmware filename are:

- ❑ AT-TQ6702GEN2-8.0.1-1.1.img
- ❑ AT-TQm6702GEN2-8.0.1-1.1.img
- ❑ AT-TQ6602GEN2-8.0.1-1.1.img
- ❑ AT-TQm6602GEN2-8.0.1-1.1.img

New Features and Enhancements

Here are the new features and enhancements for the version 8.0.1-1.1 management software:

- SNMP
- LAN2 Port (Static LAG, Cascade)
- Radio bandwidth: 80+80MHz
Continuous 80+80MHz is supported. The access point uses 36 to 64 channel band when 52 channel is selected with 80+80MHz.
- MU-MIMO
- OFDMA
- Airtime Fairness
- Zero wait DFS
- WEP Authentication
- AMF Application Proxy
- Captive Portal
- Re-auth Timer for wireless connection
- Proxy ARP
- Duplicate AUTH received
- QR code display
- Vista Manager EX (version 3.9.0 or later) management

Here are enhancements for IEEE802.1x Authentication logs:

- The user ID is included in the authentication log.
- An authentication log is issued when an authentication succeeds.
- An authentication log is issued when an authentication fails.

Resolved Issues

Here are the resolved issues for the TQ6K GEN2 access points version 8.0.1-1.1:

- The access point sent broadcast frames with a random data rate.
- The access point might have failed to assign a VLAN after the IEEE802.11r roaming was selected.
- The access point re-authenticated wireless clients every one hour even when the RADIUS session timeout was set to longer than one hour in the WPA-Enterprise option.
- The access point did not boot up when a bad sector formed in the flash memory of the firmware.
- The access point as the WDS Child might have rebooted unintentionally when the WDS parent access point rebooted or changed configurations.
- The security status of a neighbor access point was not displayed correctly on the Neighbor AP Detection page.

- ❑ The access point sent RADIUS accounting request frames with wrong Tx / Rx values.

Limitations

Here are the limitations for the TQ6K GEN2 access points version 8.0.1-1.1:

- ❑ LAN2 port configuration (LACP) is not supported.
- ❑ Changing value of the RTS threshold is not supported.

Known Issues

Here are the known issues for the TQ6K GEN2 access points version 8.0.1-1.1:

- ❑ The Radar Detecting Channel List is cleared when a radio setting is changed.
- ❑ A LAN port takes approximately 30 seconds to start communications after the LAN port links up.
- ❑ The Authentication with PMKSA cache fails on IEEE802.11r VAPs.
- ❑ When the access point is powered with the AC adapter, a LAN port might take one minute to link up after the cable is connected or disconnected.
- ❑ The access point does not establish WDS connections when the VLAN ID of the WDS VAP is set to other than 1 via Vista Manage EX.
- ❑ The access point selects a channel randomly when Vista Manager EX applies configurations, which do not include the access point's current operation channel in the channel list.
- ❑ The wireless client's static IP is not supported when Proxy ARP is enabled on a VAP.
- ❑ When Dynamic VLAN is enabled, the access point returns a wrong value to OID 1.3.6.1.2.1.17.4.3.1.1 (MAC address information) requests.
- ❑ The access point transmits the following illegal frames to other Eth ports when Cascade connection is enabled:
 - the same Source MAC addresses and Destination MAC address
 - the value of the broadcast address as the source MAC address
- ❑ Combinations of Static LAG and following features is not supported:
 - Dynamic VLAN
 - Captive Portal Virtual IP
 - AMF Application Proxy
- ❑ A wireless client does not receive an IP addresses from DHCP Server when the access point is set to two or more WEP keys.
- ❑ SNMP configurations are not backed up.

Supported Countries

Version 8.0.1-1.1 supports the following new countries:

New Counties for TQ6702 GEN2 and TQm6702 GEN2 Access Points

- India
- Hong Kong
- Thailand
- Vietnam

New Counties for TQ6602 GEN2 and TQm6602 GEN2 Access Points

- Hong Kong
- Thailand
- Vietnam

Supported Counties for TQ6K GEN2 Access Points from the Previous Version

Version 8.0.1-1.1 continues to support the following countries:

- Austria
- Belgium
- Bulgaria
- Canada
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Ireland
- Italy
- Japan
- Latvia
- Lithuania
- Luxembourg
- Malta
- Netherlands
- Poland

- Portugal
- Romania
- Slovakia Republic
- Slovenia
- Spain
- Sweden
- United States of America (USA)

Contacting Allied Telesis

If you need assistance with this product, you may contact Allied Telesis technical support by going to the Services & Support section of the Allied Telesis web site at **www.alliedtelesis.com/support**. You can find links for the following services on this page:

- Helpdesk (Support Portal) - Log onto Allied Telesis interactive support center to search for answers to your questions in our knowledge database, check support tickets, learn about Return Merchandise Authorizations (RMAs), and contact Allied Telesis technical experts.
- Software Downloads - Download the latest software releases for your product.
- Licensing - Register and obtain your License key to activate your product.
- Product Documents - View the most recent installation guides, user guides, software release notes, white papers and data sheets for your product.
- Warranty - View a list of products to see if Allied Telesis warranty applies to the product you purchased and register your warranty.
- Allied Telesis Helpdesk - Contact a support representative.

To contact a sales representative or find Allied Telesis office locations, go to **www.alliedtelesis.com/contact**.

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