



TQ3403 Wireless Access Point Version 11.0.5-0.1 Software Release Notes

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

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Supported Platform

The following access points support version 11.0.5-0.1:

- TQ3403
- TQm3403

The firmware filename is:

- AT-TQ3403-11.0.5-0.1.img
- AT-TQm3403-11.0.5-0.1.img

For instructions on how to upgrade the management software on the TQ3403 wireless access points, see the *TQ3403 Wireless Access Point Installation Guide*, available on the Allied Telesis Inc. website at www.alliedtelesis.com/library.

Known issues

Here are the known issues for the TQ3403 access points version 11.0.5-0.1

- The Radar Detecting Channel List is cleared when a radio setting is changed.
- The LAN port takes approximately 30 seconds to start communications after it links up.
- The LAN port on the access point that is powered from the AC adapter takes approximately one minute to link up when the Ethernet cable is disconnected and connected.
- On the Legacy Rates on the Advanced Settings page for Radios, you must deselect rates lower than the selected minimum basic rate.

- The basic rate for Radio 1 can be 1, 2, 5.5, or 11.
- The basic rate for Radio 2 can be 6, 12, or 24.
- ❑ On the Neighbor AP page in Monitoring, the security is displayed as WEP even when the security is set to OSEN. OSEN is a security option and can be selected when Passpoint is enabled.
- ❑ Communications via IPv6 fail on VAPs with Dynamic VLAN enabled when IP auto-configuration of IPv6 Router Advertisement is enabled.
- ❑ Even when only the primary RADUIS server is specified, a following log might be issued: "RADIUS No response from Authentication server IP ADDRESS:PORT - failover."
- ❑ If a wireless client in the power saving mode does not respond to the access point, it disconnects the wireless client even before the inactivity timer expires.
- ❑ When the access point is configured as a part of the Wireless Distribution System (WDS), enabling both MAC Access Control and Fast Roaming (IEEE802.11r) on the access point is not supported.
- ❑ The access point with Management VLAN Tag enabled and VLAN ID set to 1 continues to communicate for several minutes even after the VLAN setting of the port on the switch connected to the access point is changed from Tagged 1 to Untagged 1.
- ❑ Single-byte spaces can be entered in the URL field for Captive Portal.
- ❑ When IEEE802.11k is enabled, for some access points with Hidden SSID enabled, information is not shared correctly.
- ❑ A wireless client's RX rate is shown as rounded down on Vista Manager EX.
- ❑ If an IP address is assigned from a DHCP server with a DHCP lease time of 1 minute or less, the AMF guest node feature will not work.
- ❑ A beacon will be transmitted with maximum power even when the transmission output power on Radio 1 or Radio 3 is set to "Medium".
- ❑ IEEE802.11r fast roaming is not supported with the following:
 - WPA Enterprise > Dynamic VLAN
 - AMF Application Proxy
- ❑ With Management Frame Protection (MFP) enabled on a VAP, if a duplicate AUTH packet is received, negotiation between the MFP and client will fail. The client will be disconnected, however sometimes a disconnection log will not be output.

Limitations

Here are the limitations for version 11.0.5-0.1:

- ❑ Wireless Distribution System (WDS) and MU-MIMO / OFDMA cannot be enabled at the same time.
- ❑ When Dynamic VLAN is enabled, SNMP cannot get the value of OID 1.3.6.1.2.1.17.4.3.1.1 (MAC address information).
- ❑ Fast Roaming with Enabling Over the DS on Radio 3 (6GHz) is not supported.

Limitations on Performance

Here are the performance limitations for version 11.0.5-0.1:

- ❑ Communication sessions between the AP and wireless clients are registered in a high-speed communication table. However, if the table exceeds the maximum of 4096 entries, communication will then be performed by the CPU resulting in a drop in performance.

The sessions will then be registered using the following information:

- Source IP address
- Source port number
- Destination IP address
- Destination port number
- Transport protocol (UDP/TCP)

When the table maximum is exceeded, the following log will be output:

kernel notice:ECM connection count exceeds 4096.

When this occurs, it is recommended to either:

- reduce the number of wireless clients connected; or
- place the APs closer together.

Supported Countries

The TQ3403 access point continues to support the following countries:

- ❑ Australia
- ❑ Austria
- ❑ Belgium
- ❑ Bulgaria
- ❑ Croatia
- ❑ Cyprus
- ❑ Czech Republic
- ❑ Denmark
- ❑ Estonia
- ❑ Finland
- ❑ France
- ❑ Germany
- ❑ Greece
- ❑ Hungary
- ❑ Ireland
- ❑ Italy
- ❑ Japan

- Latvia
- Lithuania
- Luxembourg
- Malta
- Netherlands
- New Zealand
- Poland
- Portugal
- Romania
- Singapore
- Slovakia Republic
- Slovenia
- Spain
- Sweden
- Taiwan
- United Kingdom
- United States

Contacting Allied Telesis

If you need assistance with this product, visit the Allied Telesis website at www.alliedtelesis.com/services.

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