



TQ6702e GEN2 Wireless Access Points Version 9.0.4-2.1 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 point supports version 9.0.4-2.1:

- TQ6702e GEN2

The firmware filename for the TQ6702e GEN2 version 9.0.4-2.1 access point is:

- AT-TQ6702eGEN2-9.0.4-2.1.img

For instructions on how to upgrade the firmware on the TQ6702e GEN2 access point, see the *TQ6702e GEN2 Access Point Installation Guide* at www.alliedtelesis.com/library.

New Features

- AWC-CB is supported in combination with AT-Vista Manager EX version 3.12.2 or later.

Resolved Issues

Here are the resolved issues for the TQ6702e GEN2 access point version 9.0.4-2.1:

- Invalid numbers for VLAN ID starting with "0" were allowed to be saved & applied instead of rejected.
- The Proxy ARP feature stopped when one wireless client would send Neighbor Solicitation frames with 8 different ipv6 address.

Known Issues

Here are the known issues for the TQ6702e GEN2 access points version 9.0.4-2.1:

- ❑ 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.
- ❑ 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 shows WEP even when it is OSEN. OSEN is a security option, which can be used when Passpoint is enabled.
- ❑ Even when only the primary RADIUS server is specified, the following log can 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 Vista Manager EX applies a configuration to the access point, the LAN port on the access point goes down for three seconds.
- ❑ Vista Manager EX occasionally fails to manage the access point right after the access point boots up.
- ❑ Packet losses or communication delay may occur for approximately ten seconds when Neighbor AP Detection is enabled. Leave Neighbor AP Detection disabled if you need to avoid the communication interruption.
- ❑ 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 into the Captive Portal URL field.
- ❑ 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.
- ❑ [AWC-CB] The AP may reboot when a network loop occurs. In addition, the AP would not output any syslogs.
- ❑ [AWC-CB] When the AP disconnects wireless client by "Disconnection No ACK" after hand-over, the AP does not send deauth frame to Radio3's VAP.
- ❑ [AWC-CB] The AP would sometimes output an error log which includes "softirq: huh, entered softirq".

Limitations

Here are the limitations for version 9.0.4-2.1:

- ❑ LAG, LACP and Cascade mode for the LAN2 Port are not supported.
- ❑ The TQ6702e does not support AC Power Supply. It is powered only by PoE 802.3bt (Class 5).
- ❑ Changing value of the RTS threshold is not supported.
- ❑ Wireless Distribution System (WDS) and MU-MIMO / OFDMA cannot be enabled at the same time.
- ❑ AWC-Smart Connect (AWC-SC) is not supported.
- ❑ 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).
- ❑ AWC-Dynamic Client Navigation (AWC-DCN) is not supported.
- ❑ Autonomous Management Framework (AMF) Application Proxy Redirect URL is not supported.

Limitations Combination with Channel Blanket (AWC-CB)

Here are the limitations when using Channel Blanket (AWC-CB):

- ❑ Limitations on the access point:
 - Enabling Band steer on the access point is not supported.
 - The Change Duplicate AUTH received setting is not supported.
 - Only Duplicate AUTH:ignore is supported.
 - The same radio settings are required on all access points under Channel Blanket.
 - Enabling WDS is not supported.
 - Enabling AMF Application Proxy is not supported.
 - Enabling AWC-SC VAP is not supported.
- ❑ Limitations on enabling Blanket Radio Interface:
 - Changing the RTS setting is not supported.
 - Enabling Airtime Fairness is not supported.
- ❑ Limitations on Enabling Channel Blanket VAP:
 - Changing Broadcast Key Refresh Rate is not supported.
 - Changing Session Key Refresh Rate is not supported.
 - Changing the Session Key Refresh Action setting is not supported.
 - Enabling RADIUS Accounting is not supported.
 - Pre-authentication is forced to be disabled.
 - The Session-Timeout RADIUS attribute is forced to be disabled.
 - Changing Inactivity Timer is not supported.
 - IEEE802.11w (MFP) should be disabled.

- ❑ Limitations on the Channel Blanket settings:
 - Setting Management VLAN ID and Control VLAN ID is not supported.
 - Setting VAP VLAN ID and Control VLAN ID is not supported.
- ❑ Limitations on Channel Blanket behavior
 - Communications of wireless clients are affected when the access point is turned off or rebooted.

Specifications for Combination with Channel Blanket

Here are specifications on the access point with Channel Blanket (AWC-CB):

Note

The following specifications do not apply to TQ5403, TQ5403e and TQ6602 using Channel Blanket

- Vista Manager EX applies the Channel Blanket profile settings to the access point for the first time.
- Vista Manager EX applies the Channel Blanket profile settings to the access point in standalone.
- Vista Manager EX removes the access point from Channel Blanket.

The following log is issued when the access point reboots for the above reasons:

```
cwmd[xxx]: CWM: APMgr[xxx]: AP XX:XX:XX:XX:XX:XX reboots for applying
configuration
```

Supported Countries

Version 9.0.4-2.1 management software supports the following countries:

- ❑ Argentina
- ❑ Australia
- ❑ Austria
- ❑ Bangladesh
- ❑ Belgium
- ❑ Bolivia
- ❑ Bosnia and Herzegovina
- ❑ Brazil
- ❑ Brunei
- ❑ Bulgaria
- ❑ Cambodia
- ❑ Canada
- ❑ Chile
- ❑ China

- Colombia
- Costa Rica
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Ecuador
- Egypt
- El Salvador
- Estonia
- Finland
- France
- Germany
- Gibraltar
- Greece
- Guatemala
- Honduras
- Hong Kong
- Hungary Iceland
- India
- Indonesia
- Ireland
- Israel
- Italy
- Japan
- Korea
- Kuwait
- Latvia
- Liechtenstein
- Lithuania
- Luxembourg
- Macao
- Macedonia
- Malaysia
- Malta
- Mexico
- Monaco
- Montenegro

- Morocco
- Nepal
- Netherlands
- New Zealand
- Norway
- Pakistan
- Panama
- Paraguay
- Peru
- Philippines
- Poland
- Portugal
- Qatar
- Romania
- Russia
- Saudi Arabia
- Serbia
- Singapore
- Slovakia Republic
- Slovenia
- Spain
- Sweden
- Switzerland
- Taiwan
- Thailand
- Turkey
- Ukraine
- United Arab Emirates
- United Kingdom
- United States
- Uruguay
- Uzbekistan
- Venezuela
- Vietnam

Contacting Allied Telesis

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

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