



vWLAN & BSAP

3.5.0-P4 Release Notes

Release Notes

6ABSRN35P4-40A

August 2020



To the Holder of this Document

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1. Introduction

The 3.5.0-P4 patch for ADTRAN's vWLAN is a minor system patch that addresses an issue that was uncovered in a previous code release.

The release is generally available code. Results obtained during internal testing have been evaluated and the code has been determined to be ready for general availability. Caveats discovered during testing but not addressed in this build are listed in [Release-Specific Upgrade Instructions on page 6](#).

Configuration guides, white papers, data sheets, and other documentation can be found on ADTRAN's Support Community, <https://supportcommunity.adtran.com>. The contents of these release notes will focus on the platforms listed in [Supported Platforms on page 4](#).

2. Supported Platforms

The following models are supported in vWLAN 3.5.0-P4. The patch can be applied to the following models if they are running vWLAN version 3.5.0. The vWLAN 3.5.0-P4 patch is only compatible with vWLAN version 3.5.0.

- vWLAN Rackmount Appliance (1700900F2)
- vWLAN Virtual Appliance for VMware ESX/ESXi, 5.X, and 6.X.

The following Bluesocket Access Point (BSAP) models are supported in vWLAN 3.5.0:

- BSAP 1920/1925
- BSAP 1930/1935
- BSAP 1940
- BSAP 2020
- BSAP 2030/2035/2135
- BSAP 3040/3045



NOTE

Some older AP models may not support all features in this release or past releases. For information about supported features on your AP model, refer to the [AP Feature Matrix](#), available online at <https://supportcommunity.adtran.com>.

3. Required BSAP Firmware

Due to BSAP and vWLAN firmware versions being mutually exclusive, the associated version of BSAP firmware for vWLAN 3.5.0 is version 3.5.0.

4. Wireless Regulatory Compliance

Based on the United States FCC and European DFS and ETSI regulations, ADTRAN validates the country in which the APs are being operated. This prevents the ADTRAN equipment from accidentally being used in an improper configuration.

When customers request AP licenses, they must specify the country in which the AP will be deployed and operated. Note that a single vWLAN instance can control and manage APs in different countries and regulatory

domains, and that the channel and power settings are regulated by the county in which the individual AP is deployed and operating.

Before the license is installed, the AP is in the platform and not associated to any domain, so the AP's radios are disabled by default. When the licenses are uploaded, the country code is then applied to licensed BSAPs. Allowed channels and power levels are determined by the country and the platform; once the AP is placed into a domain, it scans the channels to discover neighboring APs and select a valid channel.

5. System Notes

The following information applies to systems running vWLAN 3.5.0.

- 16 GB of server memory is required for large vWLAN servers with 1400 APs, 22,500 clients and users roaming at 2 roam/sec, or 50+ domains.
- If utilizing post-login redirection, note that as of Android release 5.0, many Android phones do not keep the Captive Network Assistant Window open after authentication, which can cause the post-login redirect to fail.
- Due to a change in Samsung Galaxy mobile device behavior, any Samsung Galaxy phones using Android 9.0 or later may not reconnect to a captive portal network automatically after being de-authenticated as part of the transition process to the final role. **Workaround:** Create a new role, select the **Un-Registered** role type, and then select the same location in which users will be placed after authentication. Push this change out to the APs (the role will not be connected to any SSID as it is a dummy role). The phones will automatically reconnect after this change.
- The following APs have had their hardware revision updated, and require firmware version 3.3.0 or later to function:
 - ◆ BSAP 304X Revision F
 - ◆ BSAP 2020 Revision C
 - ◆ BSAP 203X Revision R
 - ◆ BSAP 2135 Revision D

The hardware revision can be found on the label on the box and on the physical AP. APs may ship with version 3.2.1 by default. These APs must be upgraded to version 3.3.0 or later for them to function properly. Attempting to downgrade them to versions prior to 3.3.0 will present an error message.

6. Fixes

This section highlights major bug fixes in vWLAN 3.5.0-P4.

- Added options in the **Platform Settings** menu to disable the vulnerable TLS 1.1 and 1.0 algorithms using the **Enable TLS 1.0** drop-down menu. By default, TLS 1.1 and 1.0 are set to **Disabled**.



NOTE

*The applied patch should toggle this setting to **Disabled**; however, ADTRAN recommends to verify the setting after the patch is applied.*

7. Release-Specific Upgrade Instructions

To apply the 3.5.0-P4 patch, you must first be running vWLAN 3.5.0. Please refer to the [BSAP and vWLAN 3.5.0 Release Notes](#) for specifics of the 3.5.0 release, and then upgrade using the [vWLAN Upgrade Guide](#) available online at <https://supportcommunity.adtran.com>.



NOTE

vWLAN can only be upgraded directly to 3.5.0 if it is currently on version 2.8.2 or greater. vWLANs on versions 2.2.1 to 2.6.1 must first upgrade to version 2.6.2, then upgrade to version 2.8.0, and then upgrade to version 3.5.0. AP firmware does not have to be upgraded to 2.6.2 and can instead be upgraded directly to 3.5.0 with the third upgrade.

8. Warranty and Contact Information

Warranty and contact information for all ADTRAN products can be obtained using the information in the following sections.

Warranty

Warranty information can be found online by visiting www.adtran.com/warranty.

Contact Information

To contact ADTRAN, choose one of the following methods:

Department	Contact Information	
Customer Care	From within the U.S.:	(888) 4ADTRAN ((888)-423-8726)
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