

Adtran

BSAP 4.2.0

vWLAN Patch Release Notes

Release Notes

6ABSAP420P-40A

July 2022



To the Holder of this Document

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1. Introduction

The 4.2.0 patch release for Adtran's Bluesocket APs (BSAPs) is a minor patch release that address upgrade issues for factory default APs running on 7.0.0-23 when they are upgraded to the 4.2.0 vWLAN release.

This patch 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 [Errata 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 AP models are supported in the 4.2.0 patch release:

Table 1. Supported Platforms

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



NOTE

This patch only applies to factory default APs currently running on 7.0.0-23.

3. 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 discovery neighboring APs and select a valid channel.

4. Release-Specific Upgrade Instructions

The vWLAN patch for 4.2.0 applies only to APs running on firmware 7.0.0-23. Installing this patch allows the APs to upgrade to the vWLAN 4.2.0 release by addressing upgrade issues between the SSH Ciphers on APs running 7.0.0-23 and vWLAN instances running 4.2.0.



NOTE

This patch is only applicable to factory default APs running firmware 7.0.0-23.

To successfully upgrade these APs, follow these steps:

1. Install the patch from vWLAN GUI (**Admin > Patch**), using the 4.2.0 patch.



NOTE

*No **Platform** or **Domain** tasks are required for patch installation.*

2. Once the patch is installed, the **sshd** version of the AP will be set to an older version (openssh-7.2) to allow the upgrade communication between the APs and vWLAN to function successfully.
3. Begin the AP upgrade to the vWLAN 4.2.0 release. Refer to the [Upgrading Bluesocket vWLAN Controllers and APs](#) guide (available online at <https://supportcommunity.adtran.com>) for upgrade instructions.
4. When the upgrade is complete, Adtran recommends uninstalling the patch as it changes the SSH version. Once the patch is removed, the SSH version will return to the latest recommended version (openssh-8.4).



NOTE

The following warnings may appear when this patch is installed/uninstalled; ignore these warnings as they are expected:

*Installing error:
sudo: unable to resolve host
sudo: unable to resolve host
sudo: unable to resolve host
sudo: unable to resolve host
sudo: unable to resolve host*

5. Fixes

This section highlights major bug fixes in the 4.2.0 patch release.

- BSAP-6333 Fixed an issue in which APs running on 7.0.0-23 failed to upgrade properly to 4.2.0 because older ciphers were preventing the 7.0.0 firmware from communicating with vWLAN via SSH.

6. Errata

There are no errata associated with the 4.2.0 patch release. Errata associated with the vWLAN 4.2.0 release are specified in the [vWLAN 4.2.0 Release Notes](#), available online at <https://supportcommunity.adtran.com>.

7. Warranty and Contact Information

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

To contact Adtran, choose one of the following methods:

Department	Contact Information	
Customer Care	From within the U.S.:	(888) 4ADTRAN ((888)-423-8726)
	From outside the U.S.:	+1 (256) 963-8716
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