

Adtran

vWLAN & BSAP 4.2.1

Patch Release Notes

Release Notes

6ABSAP421P-40A

February 2023



To the Holder of this Document

The contents of this manual are current as of the date of publication. Adtran reserves the right to change the contents without prior notice.

Trademark Information

“Adtran” and the Adtran logo are registered trademarks of Adtran, Inc. Brand names and product names included in this document are trademarks, registered trademarks, or trade names of their respective holders.

Disclaimer of Liability

The information or statements given in this document concerning the suitability, capacity, or performance of the mentioned hardware or software products are given “as is”, and any liability arising in connection with such hardware or software products shall be governed by Adtran’s standard terms and conditions of sale unless otherwise set forth in a separately negotiated written agreement with Adtran that specifically applies to such hardware or software products.

To the fullest extent allowed by applicable law, in no event shall Adtran be liable for errors in this document for any damages, including but not limited to special, indirect, incidental or consequential, or any losses, such as but not limited to loss of profit, revenue, business interruption, business opportunity or data, that may arise from the use of this document or the information in it.

Be advised that certain security risks are inherent in the use of any telecommunications or networking equipment, including but not limited to, toll fraud, Denial of Service (DoS) attacks, loss or theft of data, and the unauthorized or illegal use of said equipment. ADTRAN OFFERS NO WARRANTIES, EITHER EXPRESSED OR IMPLIED, REGARDING THE PREVENTION, DETECTION, OR DETERRENCE OF TOLL FRAUD, NETWORKING ATTACKS, OR UNAUTHORIZED, ILLEGAL, OR IMPROPER USE OF ADTRAN EQUIPMENT OR SOFTWARE. THEREFORE, ADTRAN IS NOT LIABLE FOR ANY LOSSES OR DAMAGES RESULTING FROM SUCH FRAUD, ATTACK, OR IMPROPER USE, INCLUDING, BUT NOT LIMITED TO, HUMAN AND DATA PRIVACY, INTELLECTUAL PROPERTY, MATERIAL ASSETS, FINANCIAL RESOURCES, LABOR AND LEGAL COSTS. Ultimately, the responsibility for securing your telecommunication and networking equipment rests with you, and you are encouraged to review documentation regarding available security measures, their configuration and implementation, and to test such features as is necessary for your network.



901 Explorer Boulevard
P.O. Box 140000
Huntsville, AL 35814-4000
Phone: (256) 963-8000

Copyright © 2023 Adtran, Inc.
All Rights Reserved.

Table of Contents

1. Introduction	4
2. Supported Platforms	4
3. Wireless Regulatory Compliance	4
4. Release-Specific Upgrade Instructions	5
5. Fixes	5
6. Errata	5
7. Warranty and Contact Information	5

1. Introduction

The 4.2.1 patch release for Adtran's vWLAN is a minor patch release that address upgrade issues for APs using external firmware servers when they are upgraded to the 4.2.1 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 5](#).

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 4.2.1 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
BSAP 6040

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 4.2.1 allows the APs to upgrade to the vWLAN 4.2.1 release by addressing upgrade issues between the APs using external firmware servers and vWLAN instances running 4.2.1.

To successfully upgrade these APs, follow these steps:

1. Install the patch from vWLAN GUI (**Admin > Patch**), using the 4.2.1 patch.



NOTE

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

2. Begin the AP upgrade to the vWLAN 4.2.1 release. Refer to the [Upgrading Bluesocket vWLAN Controllers and APs](#) guide (available online at <https://supportcommunity.adtran.com>) for upgrade instructions.

5. Fixes

This section highlights major bug fixes in the 4.2.1 patch release.

- VW-15153 Fixed an issue in which removing external firmware servers could cause the AP configuration daemon to fail to start, resulting in APs not coming **UpToDate**.

6. Errata

There are no errata associated with the 4.2.1 patch release. Errata associated with the vWLAN 4.2.1 release are specified in the [vWLAN 4.2.1 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/.

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
Technical Support	Support Community:	www.supportcommunity.adtran.com
	Product Support:	www.adtran.com/support
Training	Email:	training@adtran.com
	Adtran University:	www.adtran.com/training
Sales	For pricing and availability:	1 (800) 827-0807