



## AT-VST-APL Vista Manager Network Appliance Software Version 3.15.x

- VST-APL v3.15.2

---

## Acknowledgments

©2026 Allied Telesis Inc. All rights reserved. No part of this publication may be reproduced without prior written permission from Allied Telesis, Inc.

Allied Telesis, Inc. reserves the right to make changes in specifications and other information contained in this document without prior written notice. The information provided herein is subject to change without notice. In no event shall Allied Telesis, Inc. be liable for any incidental, special, indirect, or consequential damages whatsoever, including but not limited to lost profits, arising out of or related to this manual or the information contained herein, even if Allied Telesis, Inc. has been advised of, known, or should have known, the possibility of such damages.

Allied Telesis, AlliedWare Plus, Allied Telesis Management Framework, EPSRing, SwitchBlade, VCStack and VCStack Plus are trademarks or registered trademarks in the United States and elsewhere of Allied Telesis, Inc. Adobe, Acrobat, and Reader are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries. Additional brands, names and products mentioned herein may be trademarks of their respective companies.

## Getting the most from this Release Note

To get the best from this release note, we recommend using Adobe Acrobat Reader version 8 or later. You can download Acrobat free from [www.adobe.com/](http://www.adobe.com/)

---

# Contents

<b>Important Considerations Before Upgrading .....</b>	<b>4</b>
Issue resolved in VST-APL 3.15.2.....	4
<b>VST-APL Software Version 3.15.2 .....</b>	<b>6</b>
Introduction .....	6
Application support in VST-APL 3.15.2.....	6
What's New in VST-APL 3.15.2 .....	7
<b>Accessing the Web-based VST-APL GUI .....</b>	<b>11</b>
<b>Upgrading VST-APL .....</b>	<b>12</b>
Back up the system.....	12
Backing up application data .....	15
Upload component software.....	16
Upgrade the operating system and GUI.....	17
Upgrade Vista Manager, AMF Cloud, AMF Security, and RADgate applications .....	18
Upgrade Wireless Controller (AWC) and SNMP (Full) plugin applications.....	21
Remove obsolete files from memory.....	29

## Important Considerations Before Upgrading

This section describes changes that may affect VST-APL if you upgrade. Please read it carefully before upgrading.

### Issue resolved in VST-APL 3.15.2

This version resolves the Backup and Restore issue below. Backups created from VST-VRT 3.15.2 (operating system 3.14.2: ATVSTAPL-1.14.2.iso) can be used to restore app instances.

### Backups of running app instances don't restore correctly in VST-APL version 3.14.1 or VST-APL 3.14.2 (operating system 1.13.1).

**Caution:** This issue can cause a loss of data required to restore Vista Manager, Wireless Controller (AWC), and AMF Security application instances. This can occur if you generate a single backup or regularly scheduled backups for these app instances while they are running.

#### Issue

When:

- the VST-APL creates a backup file on memory connected via the USB port by using the **Backup and Restore** page, and
- the Vista Manager, AWC and/or AMF security app instances are running while the backup is being created, and
- the Vista Manager Network Appliance was shipped from the factory with ACP 1.12.1 or later (VST-APL 3.13.1 or later),

then:

- the backup appears to complete, but the Vista Manager, Wireless Controller (AWC) and AMF Security app instances are not restored correctly from the backup files, do not operate, and cannot be opened from the VST-APL GUI or via their IP addresses in the browser, and
- multiple core files may be generated in the VST-APL file system.

#### Workaround

To create a backup that can be used to restore these apps, we recommend either:

- Stop the apps before backing up, or
- Keep apps running and backup in Vista Manager and AMF Security.

#### Stop the apps before backing up

1. In the VST-APL GUI, go to the application pages and stop the apps.
2. Go to the Backup and Restore page and create a backup.

3. Go to the application pages and restart the applications.

If you need to restore from a backup:

In the Backup and Restore page, select the backup file from the Previous Backups panel. Click Restore.

**Keep apps running and back up in Vista Manager and AMF Security**

1. In Vista Manager, use the Backup and Restore feature to back up Vista Manager and AWC data.
2. In AMF Security, back up AMF Security data.

If you need to restore from these backups:

1. In the VST-APL GUI, create new app instances of Vista Manager, AWC and AMF Security.
2. Use the Restore function in each app to restore data.

# VST-APL Software Version 3.15.2

Product family supported by this version:  
AT-VST-APL Vista Manager Network Appliance Series

## Introduction

This release note describes software version 3.15.2 for the VST-APL Vista Manager Network Appliance and the new features in this version.

You can obtain the VST-APL upgrade from the [Allied Telesis Support Portal](#).

For more information about the product, see [Vista Manager Network Appliance \(VST-APL\) Technical Documents](#).

These models support this version:

Table 1: VST-APL models

Models	Family
AT-VST-APL-06 AT-VST-APL-10	VST-APL

For more information on VST-APL models see the [Vista Manager Network Appliance datasheet](#).

## Application support in VST-APL 3.15.2

This VST-APL version provides the following operating system, applications, and related files:

ITEM	VERSION	FILENAME
VST-APL Operating System	1.14.2	ATVSTAPL-1.14.2.iso
VST-APL Application Bundle	3.15.2	VST-APL-3.15.2.bundle
Vista Manager	3.17.1	vista-x86_64-3.17.1.app
Wireless Controller (AWC)	3.17.0	awc-x86_64-3.17.0.app
SNMP-Full	2.15.0	fullsnmp-x86_64-2.15.0.app
AMF Cloud	5.5.6-0.1	amf-x86_64-5.5.6-0.1.app
AMF Security	2.7.0	sesc-x86_64-2.7.0.app
AT-RADgate	1.3.0	radgate-x86_64-1.3.0.app
AWC Sky Defender (AWC-SDF)	1.1.1	sdf-x86_64-1.1.1.app

## What's New in VST-APL 3.15.2

This VST-APL version includes the following support for new application versions, new features and enhancements.

- “Upgraded application support” below
- “Backup to network” on page 8
- “AI Network Assistant in Vista Manager helps firmware upgrades” on page 10

### Upgraded application support

For release notes for Vista Manager EX and its AWC and SNMP plugins, see the [Vista Manager EX Release Notes](#) page on our website.

For release notes and other technical documents for VST-APL and its applications, see the [Vista Manager Network Appliance Technical Documents](#) page on our website.

### Vista Manager

The Vista Manager application was upgraded to version 3.17.1. For release notes for Vista Manager EX and its AWC and SNMP plugins, see the [Vista Manager EX Release Notes](#) page on our website.

### Wireless Controller (AWC)

The Wireless Controller (AWC) application was upgraded to version 3.17.0. For release notes and other technical documents for Wireless Controller (AWC), see the [Vista Manager EX Release Notes](#) page on our website. For information about using AWC, see the [User Guide for the Autonomous Wave Control \(AWC\) plugin](#).

### SNMP

The SNMP (Full) plugin application was upgraded to 2.15.0. For release notes and other technical documents for SNMP, see the [Vista Manager EX Release Notes](#) page on our website. For information about using SNMP, see the [User Guide: SNMP Plug-in](#).

### AMF Cloud

The AMF Cloud application was upgraded to version 5.5.6-0.1. For release notes for AMF Cloud, see the [Release Notes for AlliedWare Plus™ Version 5.5.6-x.x](#) page on our website. For other technical documents for AMF Cloud, see the [Vista Manager Network Appliance Technical Document](#) page on our website.

### AMF Security (AMF-Sec)

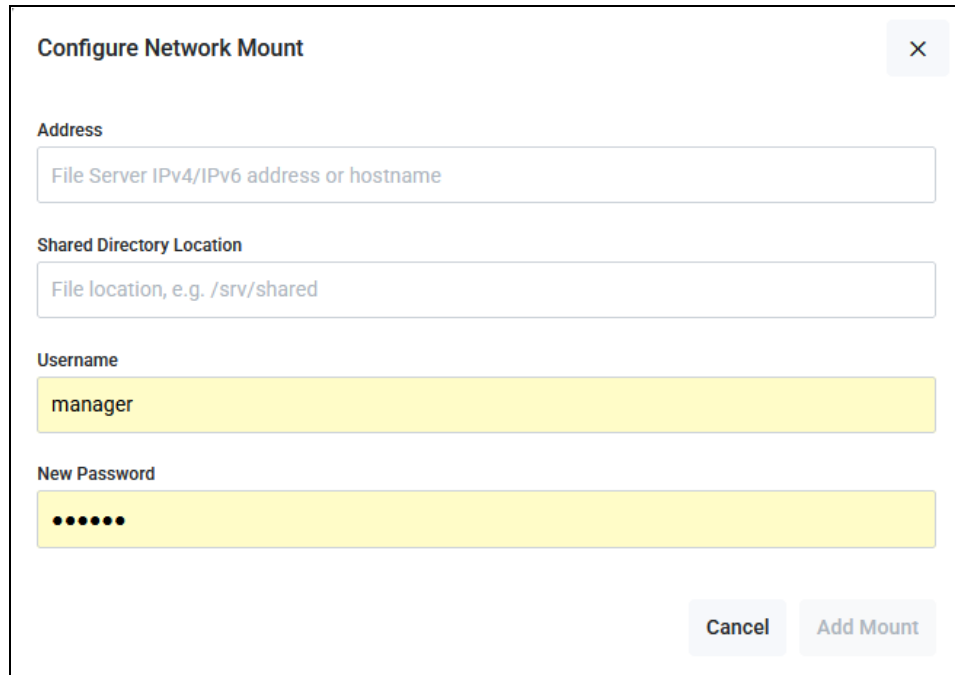
The AMF Security application was upgraded to 2.7.0. For information about using AMF-Sec, see the [User Guide for AMF Security](#). For information about using AMF Cloud, see the [AMF Feature Overview and Configuration Guide](#) page on our website.

### RADgate

The RADgate plugin application was upgraded to 1.3.0. For information about using RADgate, see the [User Guide: AT-RADGate](#) page on our website.



- In the **Network Mounts** panel, click **Configure Network Mount**.



- Enter the **Address** of the file service; either:
  - a hostname
  - an IPv4 address
  - an IPv6 address, or
  - an IPv6 link-local address in the format `fe80::xxxx%<interface>`, e.g. `fe80::1a2b:3c4d:5e6f:7890%eth0`.
- Enter the path (**Shared Directory Location**) for the shared directory.
- Enter the username and password to authenticate with the file server.
- Click **Add Mount**.

To edit or delete a network mount, in the Network Mount panel, click the pen or bin icon next to it.

The network mount is shown in the Network Mounts panel, and the directory's storage usage is shown in the **External Device Usage** panel on the File Management page.

## Configure the VST-APL to send backups to the shared directory

Schedule regular backups or create a single immediate backup and send them to the shared directory.

- From the VST-APL GUI menu, click **System > Backup and Restore**.
- Click either **+ Create Schedule** or **+ Create Backup**.
- In the **Select backup location** field, enter the location of the shared directory.
- Configure the rest of the Backup and Restore page as before.

5. For scheduled backups, click **Schedule**. For a single backup, click **Back Up Now**.

The backup files show in the **Previous Backups** panel in the Backup and Restore page.

### Restore from a backup file

If needed, restore the appliance configuration and/or the apps from a backup file in the shared directory.

- From the VST-APL GUI menu, click **System** > **Backup and Restore**.
- In the **Previous Backups** panel, select the backup file to restore from and click **Restore**.

## AI Network Assistant in Vista Manager helps firmware upgrades

From Vista Manager EX 3.17.1, supported by VST-APL 3.15.2, you can use the built-in AI Network Assistant to help perform firmware upgrades for AlliedWare Plus network devices in an AMF area.

The system always asks you to confirm before the AI assistant executes firmware upgrades.

You can ask the AI assistant to upgrade firmware on devices from upgrade files stored on an area's AMF Master.

You can also use natural language to ask the AI assistant questions about your network, for example:

- about the firmware and versions on your devices
- about which firmware files are stored on the area master that you can use for firmware upgrade.

This feature requires a license; contact your Allied Telesis representative.

For more information about the AI Network Assistant, see the [Vista Manager EX Release Notes](#) and the [User Guide for Vista Manager EX](#).

## Accessing the Web-based VST-APL GUI

This section describes how to access the GUI to manage and monitor your Vista Manager Network Appliance.

These browsers are supported:

- Google Chrome™
- Mozilla Firefox™
- Microsoft Edge or Internet Explorer™ 11 or later
- Apple Safari™.

The VST-APL Web GUI is pre-installed. Connect to the GUI by following these steps.

### Step 1: Connect to the appliance.

Connect the appliance to the network by one of the front panel Ethernet ports. (The console port is for diagnostic use, not for device management.)

### Step 2: Open a web browser and browse to the IP address for the appliance.

The appliance is set to accept an IP address from DHCP.

If DHCP does not assign one, it uses the default IP address 192.168.1.1/24.

For more information on starting the initial management session, see the Installation Guide.

### Step 3: Log in to the GUI.

The default username is *manager* and the default password is *friend*.

The web browser displays the VST-APL dashboard.

For more detailed information on starting the initial management session, see the Installation Guide for your appliance.

Once you have logged into the GUI, you can manage the appliance itself. You will need to activate each application you require. Use the application menu item in the dashboard menu in the web-based VST-APL Web GUI to activate, monitor, manage and access each application as needed for your network.

For more information about using the appliance, see [Vista Manager Network Appliance \(VST-APL\) Technical Documents](#)

## Upgrading VST-APL

This section describes how to upgrade the VST-APL GUI and applications. It describes how to:

- “Back up the system” on page 12
- “Backing up application data” on page 15
- “Upload component software” on page 16
- “Upgrade the operating system and GUI” on page 17
- “Upgrade Vista Manager, AMF Cloud, AMF Security, and RADgate applications” on page 18
- “Upgrade Wireless Controller (AWC) and SNMP (Full) plugin applications” on page 21
- “Remove obsolete files from memory” on page 29

### Important issue in VST-APL 3.14.x: fiBackups of running app instances don't restore correctly

**Caution:** This issue can cause a loss of data required to restore Vista Manager, Wireless Controller (AWC), and AMF Security application instances. This can occur if you generate a single backup or regularly scheduled backups for these app instances while they are running.

See “Important Considerations Before Upgrading” on page 4.

## Back up the system

In VST-APL 3.4.x and later, you can use the Backup and Restore feature to create a back-up file for a VST-APL Network Appliance.

The back-up file records, and can restore:

- the appliance configuration
- the APP files stored in the appliance persistent memory. These contain the images of the application software. You can choose which of these application files to back up.
- snapshots of selected application instances or all instances. Each of these is a snapshot of the configuration and application data of an application instance on the device.

This feature does not back up application bundle files. We recommend backing these up manually.

### Backup and restore: back up the appliance

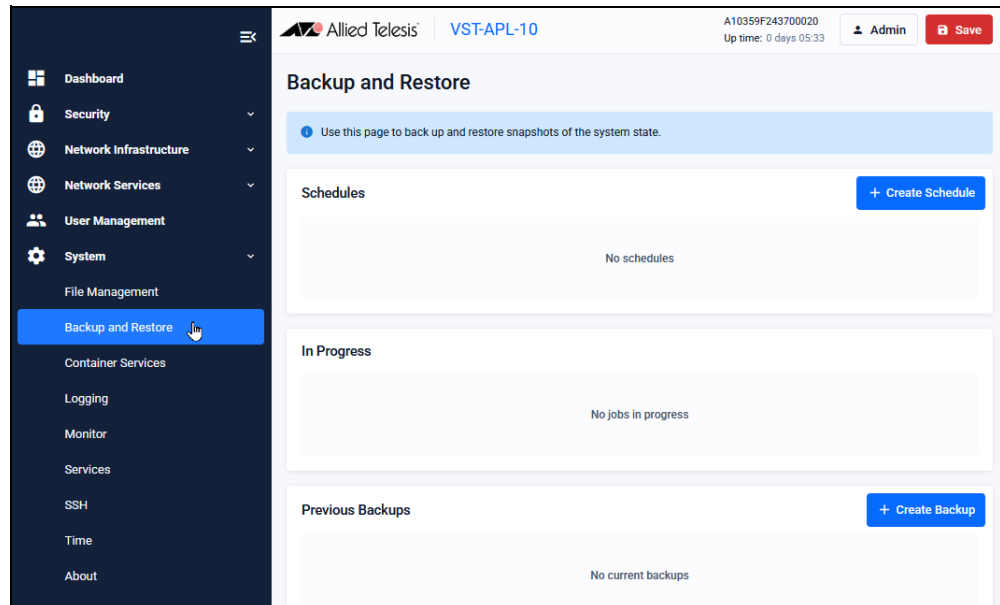
To back up all the appliance configuration, any application image files (.app) and the application data for all application instances, follow these steps. This provides a backup that can later be used to restore either an individual application instance or all the application configuration and application instances.

1. If there is unsaved appliance configuration that you want to include in the back-up, click the **Save** button at the top of the VST-APL GUI page.

2. Connect external media for storing the back-up to the appliance's USB port. The external media must have one of the following supported formats: FAT32, exFAT, ext2, ext3 or ext4.

Note that if the external media file system format does not support a sufficiently large file size, the backup will fail. Choose a different external media with a file system format that supports a larger maximum file size, such as ext4.

3. In the VST-APL menu, navigate to **System > Backup and Restore**.



4. On the **Backup and Restore** page, click **+ Create Backup** at the top right of the **Previous Backups** panel.

The **Backup** dialog box opens, showing the default settings for the back-up you are about to create, and the storage space it estimates that you need to have free on the external media.

**Backup**
✕

---

Select backup location

/mnt/media0 (28.8GB free)

Back up configuration file? Yes

---

Files to back up

AMF-x86\_64-5.5.4-2.3.app ✕
awc-x86\_64-3.13.1.app ✕
fullsnmp-x86\_64-2.12.0.app ✕
radgate-x86\_64-1.0.0.app ✕
sesc-x86\_64-2.6.0.app ✕
vista-x86\_64-3.13.1.app ✕

Application instances to back up

AMF-Sec-app ✕
AT-AMF-app ✕
AT-AWC-app ✕
AT-FULLSNMP-app ✕
AT-RADgate-app ✕
AT-Vista-app ✕

Estimated free space required in backup location 22.4GB

Cancel
Back Up Now

5. In the **Backup** dialog box, **Select backup location** field, choose the external media connected previously.  
 Check that the backup location has sufficient free space for the new back-up file. You can see the free space available on the backup media in this panel. You can also see the file system of the external media by navigating to the **System > File Management** page and then clicking in the file path at the top of the **File System (fs)** panel.
6. By default, the back-up configuration sets the device to back up everything it can. We recommend backing up all of them. Check that the following are selected for backup:
  - **Back up configuration file?** is set to **Yes**. This sets the file default.cfg to back up.
  - all **application image files** stored in the device's file system, such as vista-x86\_64-x.x.x.app and other APP files. (It does not backup bundle files.)
  - all **application instances** on the device that are Running or Stopped, such as AT-VISTA-app and other application instances.  
 If an application instance is not displayed, then make sure it is Running or Stopped. (To check this, from the VST-APL menu, navigate to the VST-APL page for the application or to **System > Container Services**).



3. To create a backup file for the log data in addition to the other data backup, check the **Include Log Data** checkbox to the right of the Backup button under System Maintenance (optional).
4. To start downloading the backup, click the **Backup** button in the System Maintenance section.
5. From your web browser's dialog box, save the backup file to your local computer.  
The backup filename will be in the format:  
"config\_atawc-X.X.X\_-YYYYMMDDhhmmss.zip".

## Back up system data for the SNMP plugin application

1. Log in to Vista Manager EX using an Admin account.
2. Click the **SNMP plugin** icon in the left menu of the Vista Manager application, then click **Version Information**.
3. In the **System Setting** panel, scroll down to the **System Maintenance** panel and in that, to the **Backup** panel. Click the **Backup** button. This creates a backup of application data.

## Upload component software

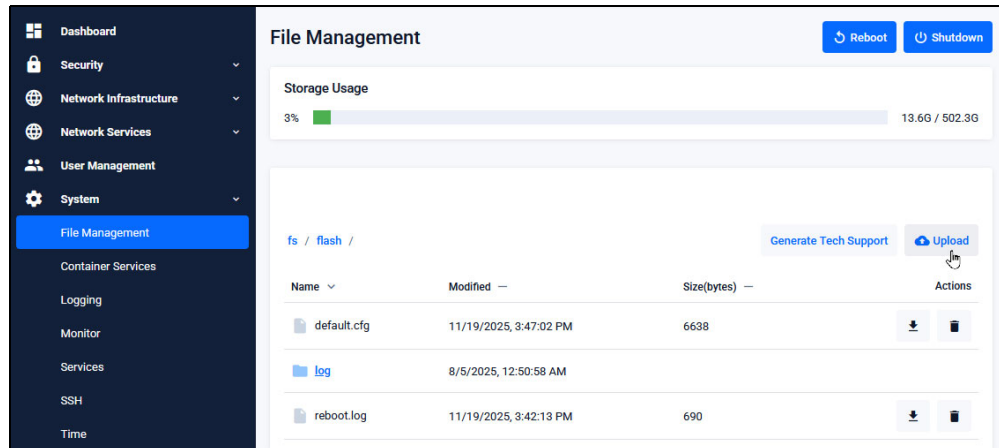
You need the new image files in the appliance persistent storage to change the running software. Make sure to upgrade the operating system and all the applications you are using, so that they match.

To see which version of the VST-APL operating system the appliance is currently running, use the VST-APL GUI to navigate to the **System > About** page. To see the application files loaded in the appliance's memory, navigate to the **System > File Management** page. To see the current version of an application running on the appliance, go to the GUI page for the application by clicking on its menu item, and hover over the instance information icon in the Deployed Application panel.

**Caution:** Ensure you obtain the software image files from Allied Telesis. If you try to install software that is not provided by Allied Telesis, there is risk of corrupting the installation.

1. Download the following files from the [Allied Telesis Support Portal](#). Save them to a directory that the appliance can access, such as the device your GUI browser is running on.
  - « the appliance software operating system and web GUI. This has a filename like ATVSTAPL-x.x.x.iso.
  - « all the applications as a bundle. This has a filename like VST-APL-x.x.x.bundle.

- In the VST-APL GUI, navigate to the **System > File Management** page. Click the **Upload** button and select the software image files to upload.



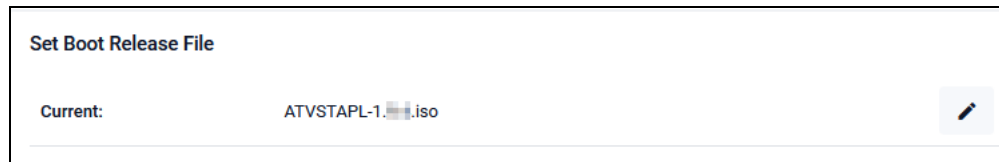
## Upgrade the operating system and GUI

Before upgrading the operating system, make sure to:

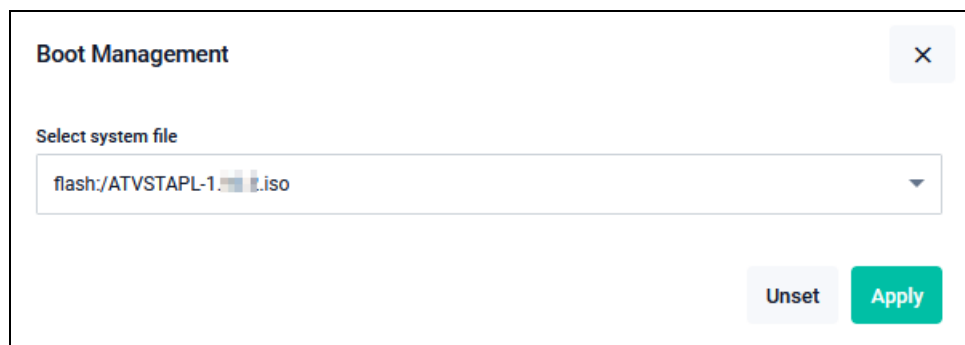
- “Back up the system” on page 12
- “Upload component software” on page 16

To upgrade the VST-APL operating system, in the VST-APL GUI, follow these steps.

- In the **File Management** page **Set Boot Release File** panel, click **Browse**.



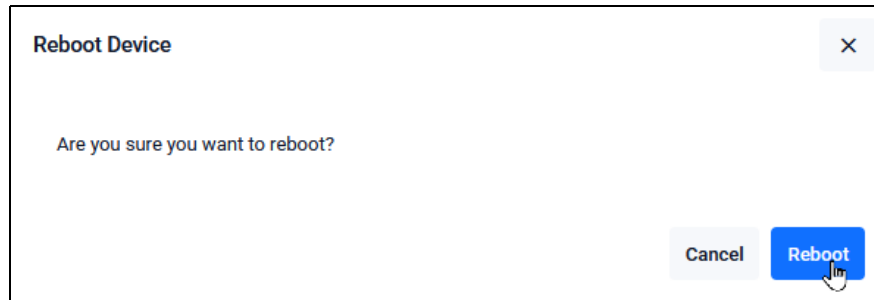
- Select the new software version and click **Apply**.



- Reboot the appliance by clicking the green **Reboot** button at the top right of the **File Management** page.



4. Click **Reboot** again to confirm.



The appliance will shut down any applications that are running, install the new version of the VST-APL operating system, and restart any applications that were running when the appliance configuration was last saved. This may take several minutes. The appliance configuration, including IP addressing, is retained from the last time it was saved.

5. When the upgrade has completed, you will need to re-authenticate to access the appliance.
6. To verify the currently running software version, log in to your VST-APL Web GUI, and navigate to the **System > About** page. The **Software Version** should agree with the VST-APL Web GUI version.

## Upgrade Vista Manager, AMF Cloud, AMF Security, and RADgate applications

VST-APL version 3.4.1 and later (VST-APL Web GUI version 1.5.1 and later) support simpler upgrade of applications from a bundle. This ensures they are compatible with each other and the operating system version.

Before upgrading these applications:

- [“Backing up application data” on page 15](#)
- [“Upload component software” on page 16](#)
- [“Upgrade the operating system and GUI” on page 17](#)

Use this procedure to upgrade these applications:

- Vista Manager
- AMF Cloud
- AMF Security
- RADgate

1. In the VST-APL **Dashboard** page, click the **Upgrade Instances** button.

**Dashboard**

**System Information**

CPU	4.80%
Memory	35.3%
Environment	✓ Status: Good
System Time	🕒 11/27/2025, 4:53:16 PM

**Deployed Applications**

Name	Image	CPU Load (%)	Memory (MB)	Storage (MB)	State	
AMF-Sec-app	🔒 sesc			81920MB	Stopped	
AT-AMF-app	🔒 AMF	0.11/100	139 / 23478	820 / 32768	Running	🔗 Open
AT-AWC-app	🔒 awc	6.76/100	891 / 23478	4055 / 158221	Running	🔗 Open
AT-FULLSNMP-app	🔒 fullsnmp	1.33/100	896 / 23478	2337 / 102400	Running	
AT-RADgate-app	🔒 radgate	0.05/100	390 / 23478	847 / 32789	Running	🔗 Open
AT-SDF-app	sdf				Offline	
AT-Vista-app	🔒 vista	4.51/100	6985 / 23478	5922 / 102400	Running	🔗 Open

**Upgrade Instances**

2. Make sure the correct version of the bundle file is displayed in the **Upgrade to** field at the top left of the upgrade instances panel. If not, use the drop down list to select the correct version.

Applications that can be upgraded are shown as selected. We recommend upgrading them all.

**Upgrade Instances**

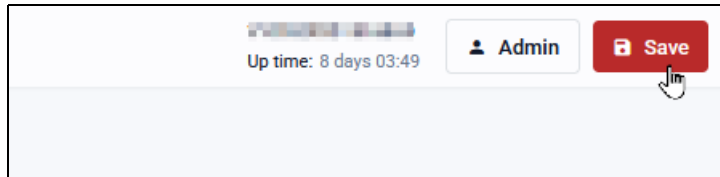
Upgrade To: VST-APL-3.15.x

Instance	State	Image	Current Version	Target Version	Status	Action
AT-AMF-app	Running	AMF	3.15.0	3.15.1	This instance can be upgraded	☑
AT-AWC-app	Running	awc	3.15.0	3.15.1	This instance is running an image that cannot be upgraded to the one in this bundle	
AT-FULLSNMP-app	Running	fullsnmp	3.15.0	3.15.1	This instance is running an image that cannot be upgraded to the one in this bundle	
AT-RADgate-app	Running	radgate	3.15.0	3.15.1	This instance can be upgraded	☑
AMF-Sec-app	Running	sesc	3.15.0	3.15.0	This instance is up to date	
AT-Vista-app	Running	vista	3.15.0	3.15.1	This instance can be upgraded	☑

**Upgrade Selected**

3. Click the **Upgrade Selected** button and wait until the upgrade is complete. The **Status** column shows progress. The applications first stop, then change to the new version, then start.

- It is important to save the state of the VST-APL operating system after the upgrade. The **Save** button in the top right corner of the page is red when there are unsaved changes. Click on the button to save the changes.



Note that if you do not save and VST-APL is rebooted, the upgraded applications will revert to the old APP images and fail to start. You will see 'configured image "<image-name>" doesn't exist' messages if this happens.

Note that the earlier versions of the applications show as unsigned even though they are signed.



- In the VST-APL GUI **Dashboard** page, open Vista Manager by clicking the **Open** button next to AT-Vista-app.

**Dashboard**

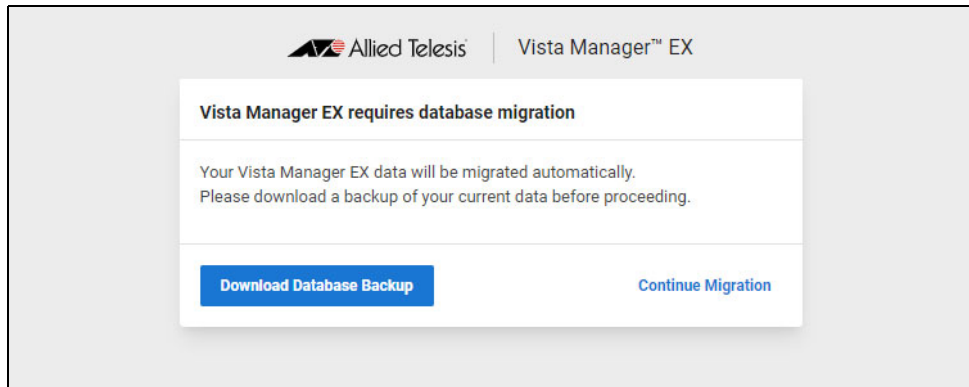
**System Information**

CPU	0.00%
Memory	33.7%
Environment	✓ Status: Good
System Time	🕒 12/10/2025, 6:04:53 PM

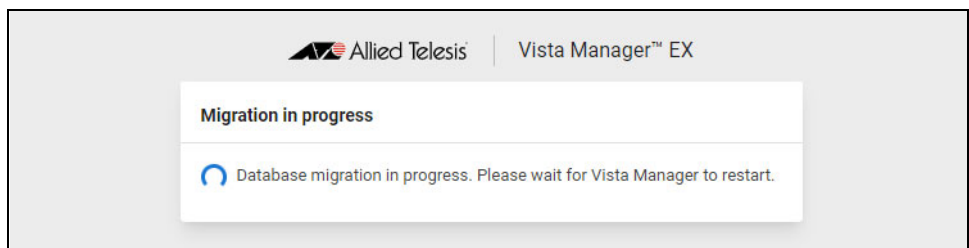
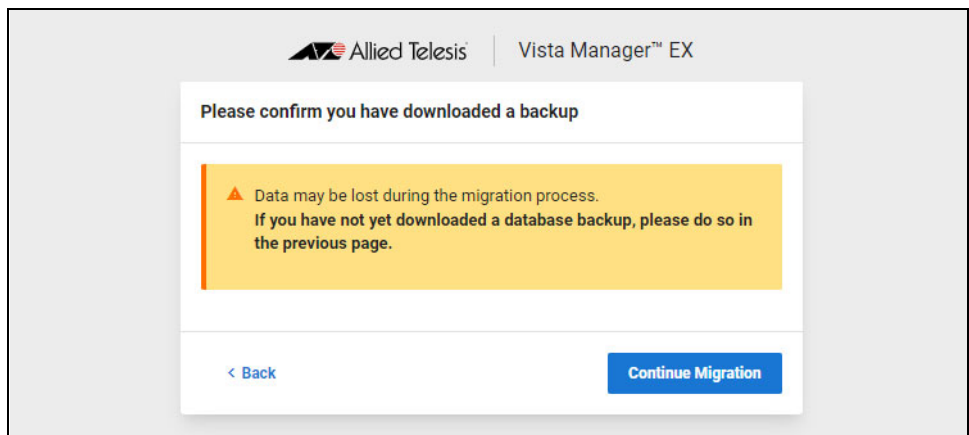
**Deployed Applications** [Upgrade Instances](#)

Name	Image	CPU Load (%)	Memory (MB)	Storage (MB)	State	
AMF-Sec-app	🔒 sesc			81920MB	Stopped	
AT-AMF-app	🔒 AMF	0.11/100	139 / 23478	820 / 32768	Running	<a href="#">Open</a>
AT-AWC-app	🔒 awc	0.10/100	1076 / 23478	3990 / 156574	Running	<a href="#">Open</a>
AT-FULLSNMP-app	🔒 fullsnmp	0.19/100	932 / 23478	2371 / 102151	Running	
AT-RADgate-app	🔒 radgate	0.05/100	433 / 23478	848 / 32789	Running	<a href="#">Open</a>
AT-SDF-app	sdf				Offline	
AT-Vista-app	🔒 vista	2.91/100	6941 / 23478	4000 / 104048	Running	<a href="#">Open</a>

- Vista Manager EX may prompt you to migrate the database. Select **Download Database Backup** to make a backup.



- Confirm you have successfully downloaded a backup file, then select **Continue Migration**. If you get a browser error about the page becoming unreachable, then refresh your browser.



- Once the migration has completed, your connection may be lost. If this happens, close your browser and reopen the application from the VST-APL dashboard.

## Upgrade Wireless Controller (AWC) and SNMP (Full) plugin applications

Use this manual procedure to upgrade the following applications by destroying the old and creating new instances.

- Wireless Controller (AWC)
- SNMP (Full)

Before upgrading these applications, make sure to:

- “Back up the system” on page 12
- “Backing up application data” on page 15
- “Upload component software” on page 16
- “Upgrade the operating system and GUI” on page 17

The following applications are not supported by upgrading as a set from the bundle.

- Wireless Controller (AWC) plugin
- SNMP (Full) plugin

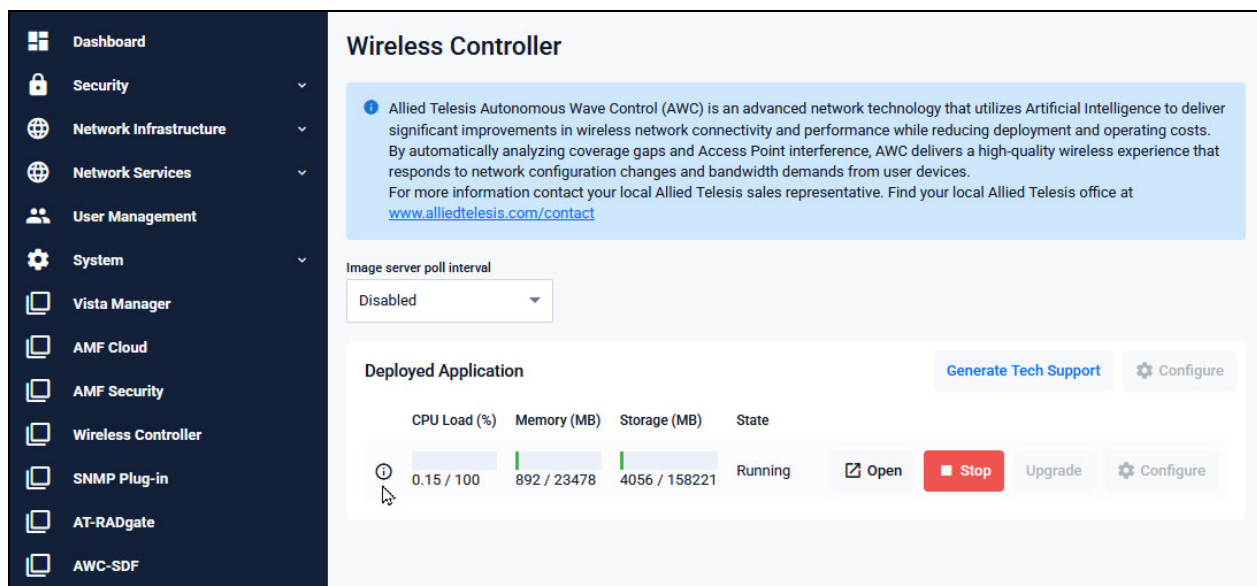
Instead, use these procedures:

- “Destroy and recreate application instances” on page 22
- “Re-register plugins in Vista Manager” on page 25
- “Restore application data from back-up” on page 26

## Destroy and recreate application instances

In the VST-APL GUI, follow these steps.

1. Navigate to the application page for the application.



**Wireless Controller**

Allied Telesis Autonomous Wave Control (AWC) is an advanced network technology that utilizes Artificial Intelligence to deliver significant improvements in wireless network connectivity and performance while reducing deployment and operating costs. By automatically analyzing coverage gaps and Access Point interference, AWC delivers a high-quality wireless experience that responds to network configuration changes and bandwidth demands from user devices. For more information contact your local Allied Telesis sales representative. Find your local Allied Telesis office at [www.alliedtelesis.com/contact](http://www.alliedtelesis.com/contact)

Image server poll interval: Disabled

Deployed Application		Generate Tech Support	Configure
CPU Load (%)	Memory (MB)	Storage (MB)	State
0.15 / 100	892 / 23478	4056 / 158221	Running
			Open Stop Upgrade Configure

2. Hover over the Instance Information icon (i) and record information about the application from the **Instance Information** panel. Record all the network settings (network type, etc). You will need this information in a later step.

Instance Information:AT-AWC-app

Name	AT-AWC-app
Compute ID	A10 [redacted]
Image	awc 3. [redacted]
Network: Eth0	Network Type: Virtual
	VLAN ID: 1
	MAC: 02:[redacted]
	IPv4 Address: 10.[redacted]
	Gateway: 10.[redacted]
	DHCP: false

3. In the application page, stop the application by clicking the **Stop** button. Destroy the application by clicking the **Destroy** button.

### Wireless Controller

Allied Telesis Autonomous Wave Control (AWC) is an advanced network technology that utilizes Artificial Intelligence to deliver significant improvements in wireless network connectivity and performance while reducing deployment and operating costs. By automatically analyzing coverage gaps and Access Point interference, AWC delivers a high-quality wireless experience that responds to network configuration changes and bandwidth demands from user devices.  
For more information contact your local Allied Telesis sales representative. Find your local Allied Telesis office at [www.alliedtelesis.com/contact](http://www.alliedtelesis.com/contact)

Image server poll interval  
Disabled

Deployed Application Generate Tech Support Configure

CPU Load (%)	Memory (MB)	Storage (MB)	State	
0		158221MB	Stopped	<span style="color: red; border: 1px solid red; padding: 2px 5px;">Destroy</span> <span style="background-color: #007bff; color: white; padding: 2px 5px; margin-left: 5px;">Start</span> <span style="background-color: #007bff; color: white; padding: 2px 5px; margin-left: 5px;">Upgrade</span> <span style="background-color: #007bff; color: white; padding: 2px 5px; margin-left: 5px;">Configure</span>

4. Create a new instance. First, in the application page, click the **Configure** button.
5. Add an interface to connect the application to your network. Expand the Network section. Either select DHCP or add a static IP address and gateway address, and add a DNS server if needed.

- In the **Application Configuration** dialog box, select the new **Image Version**. Fill in the storage and the network data you recorded. The recommended storage values are:

AWC: 204 800 MB  
 SNMP Full: 102 400 MB

### Application Configuration

✕

**Compute ID**

A10[REDACTED]96
▼

**Image Version**

3.1[REDACTED]
▲

awc-3.1[REDACTED]
▼

awc-3.1[REDACTED]
▲

**Storage Size (MB)**

204800

**Advanced Settings** ▼

**Network**

1 Network / 0 DNS Servers
▲

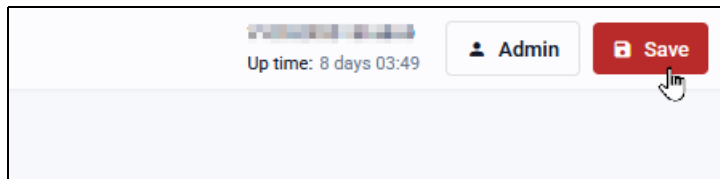
Interface Type	External Network VLAN ID	MAC Address (Optional)	
Virtual	1	74:da:38:9c:6b:a4	✕
<input checked="" type="checkbox"/> Use DHCP			
<a href="#" style="color: #00c090; text-decoration: none;">+ Add Network</a>			

[+ Add DNS Server](#)

Cancel
Apply

- Click the **Apply** button. This creates a new version of the application instance. Wait a few minutes for the application instance to start and for the **Open** button to appear.

- It is important to save the state of the operating system after the upgrade. The **Save** button in the top right corner of the page is orange when there are unsaved changes. Click on the button to save the changes.



- From the device menu, navigate to the **Vista Manager** page and click the **Open** button. If necessary, wait for Vista Manager EX to perform its initial set up.
- Log in to the Vista Manager EX application.

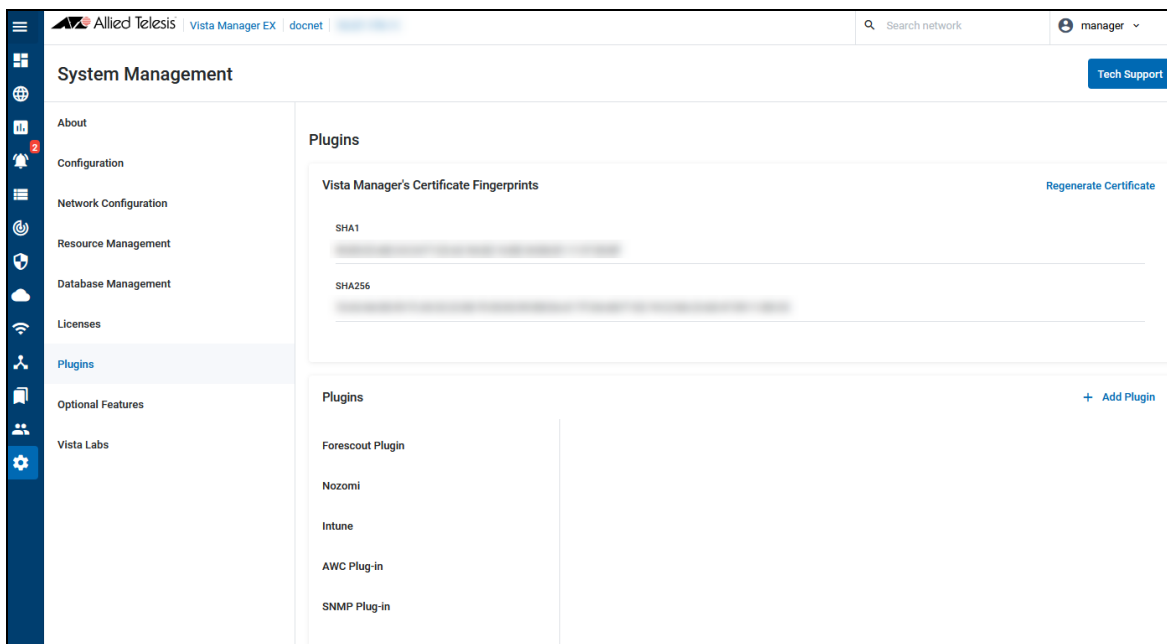
## Re-register plugins in Vista Manager

If you are using these plugins in Vista Manager EX, you will need to re-register them:

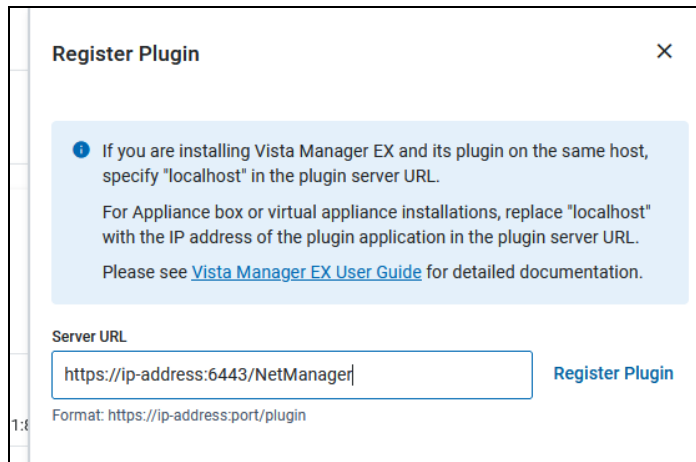
- Wireless Controller (AWC)
- SNMP (Full)

Follow these steps for each of the plugins.

- In the Vista Manager EX GUI, navigate to **System Management > Plugins**.



- Click **+Add Plugin** on the Plugins table. The Register Plugin side menu will appear.



- Enter the plugin server URL by replacing **ip-address** with the IP address assigned.
  - For the SNMP (Full) plugin, this is  
`<ip-address> : 6443 /NetManager`
  - For the Wireless Controller (AWC) plugin, this is  
`<ip-address> : 5443 /wireless_plugin`
- Click **Register Plugin**.
- Check that the certificate fingerprints match the ones reported in the plugin. Click **Confirm Fingerprints**.
- A green notification will appear in the bottom right corner of Vista Manager and the plugin is added.

Next, restore system data for the plugin application from the back-up file (“[Restore application data from back-up](#)” below).

## Restore application data from back-up

For the Wireless Controller and SNMP (Full) applications, you must use the following procedures to restore the system data from backup files:

- “[Restore system data for the AWC Plugin](#)” on page 26
- “[Restore system data for the SNMP plugin](#)” on page 28

Note that:

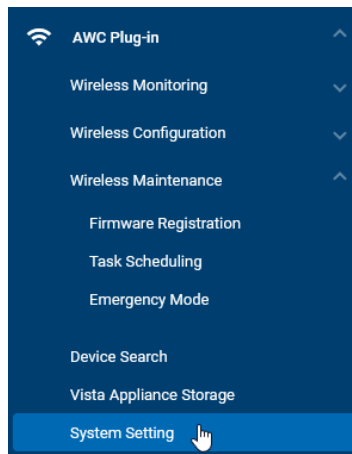
- Restoring a backup file made on another platform is not supported.
- For the applications upgraded as a set in this procedure “[Upgrade Vista Manager, AMF Cloud, AMF Security, and RADgate applications](#)” on page 18, the data is restored automatically.

## Restore system data for the AWC Plugin

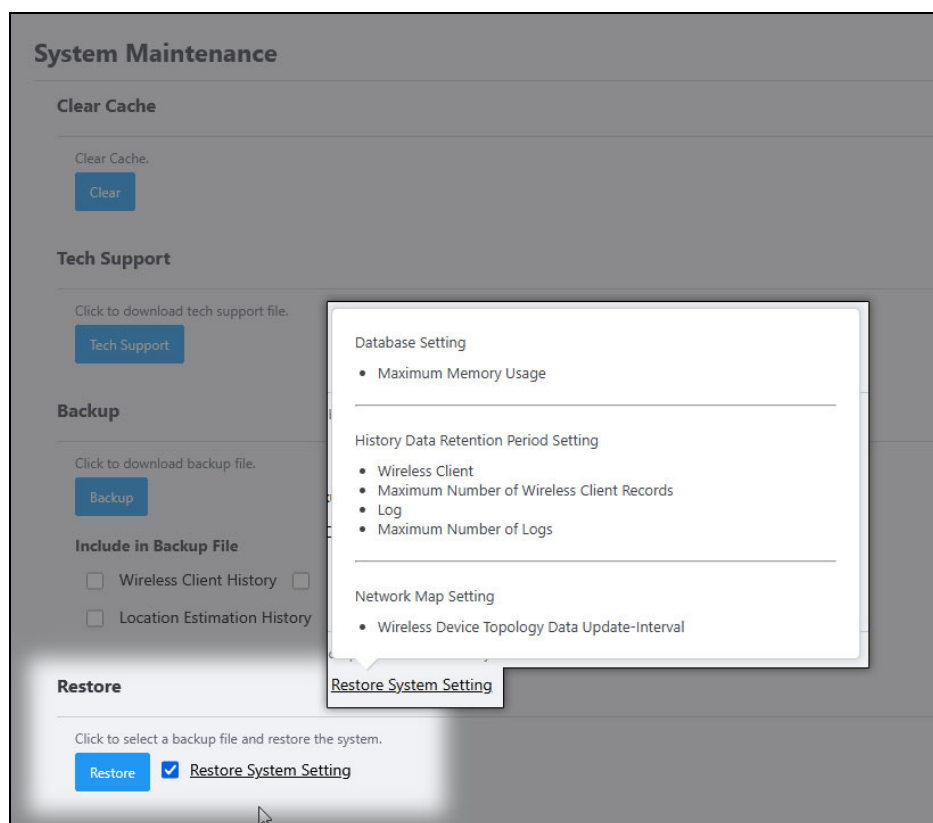
Note that restoring a backup file made on another platform is not supported.

To restore data from the back-up file for the Wireless Controller (AWC) plugin application, follow these steps:

1. Log in to Vista Manager EX using an Admin account.
2. In the Vista Manager EX menu, navigate to **AWC plugin > System Setting**.

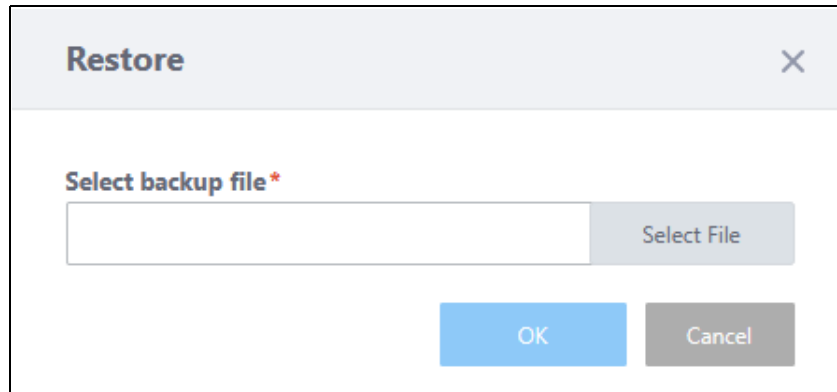


3. On the **System Information** page, scroll down to the **System Maintenance** section.
4. Scroll down to the **Restore** section.



Hover over **Restore System Setting** to see the system settings that will be restored. Check the box and click the **Restore** button.

5. In the Restore dialog box, click **Select File** and select the backup file.



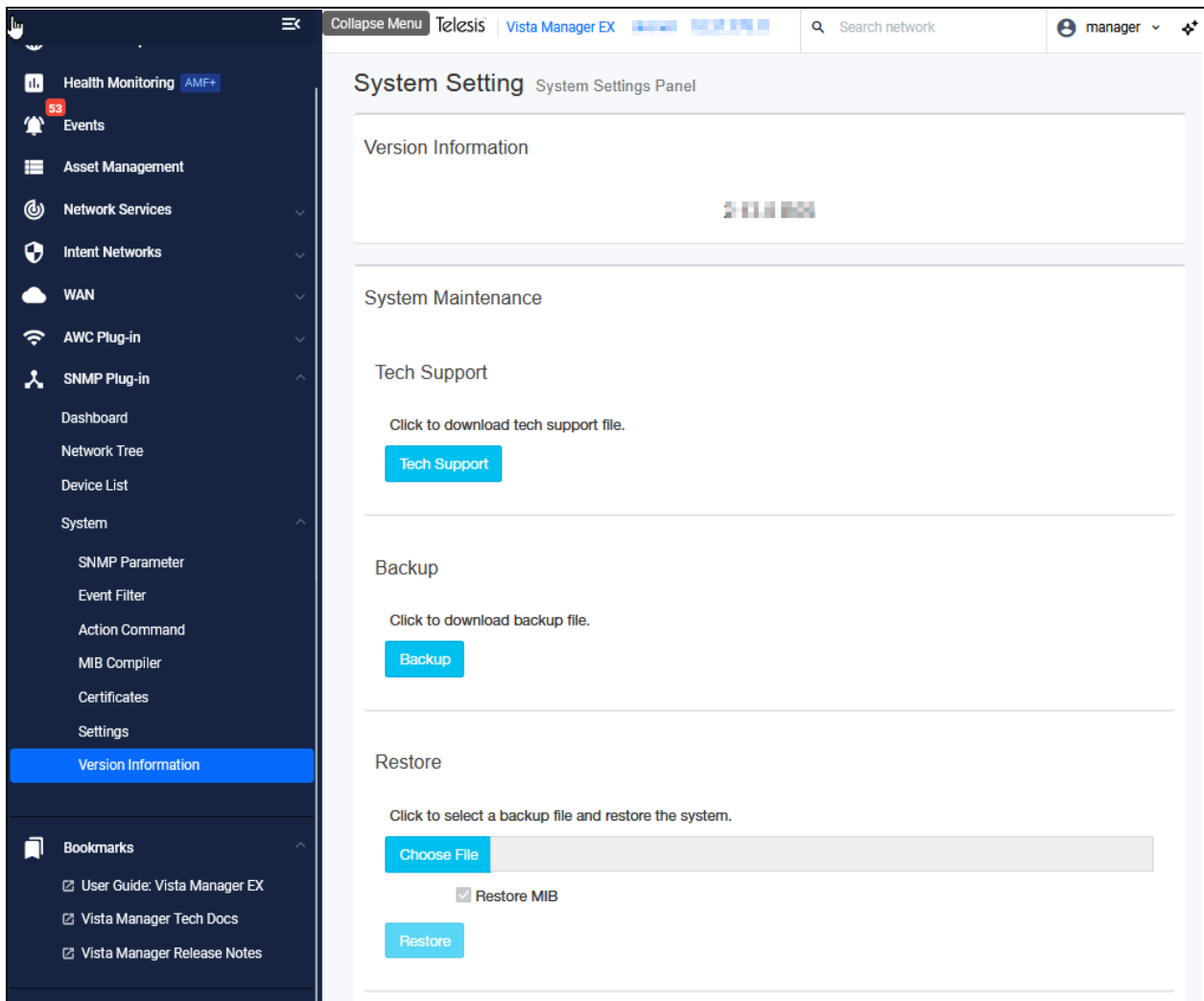
6. Click **OK**. Confirm.
7. After it has finished restoring, a dialog box shows that restoration is complete. Click **OK**.

### Restore system data for the SNMP plugin

To restore application data from the backup for the SNMP plugin application, follow these steps.

1. Log in to Vista Manager EX using an Admin account.
2. In the left menu of Vista Manager EX, click the **SNMP plugin** icon, then click **Version Information**.

3. In the **System Setting** panel, scroll down to the **System Maintenance** panel and in that, to the **Restore** panel.



4. Select the file to restore from and click the **Restore** button. This restores the data from the back-up for the SNMP plugin application.

## Remove obsolete files from memory

You can make more space available in the device's persistent memory by removing obsolete files. We recommend removing the .iso file for the previous version of the operating system and the bundle file for the previous bundle of applications. Keep the current versions of all files.

1. From the VST-APL dashboard, navigate to the **System > File Management** page.
2. Click the **Delete** button to the right of the obsolete files you want to remove.