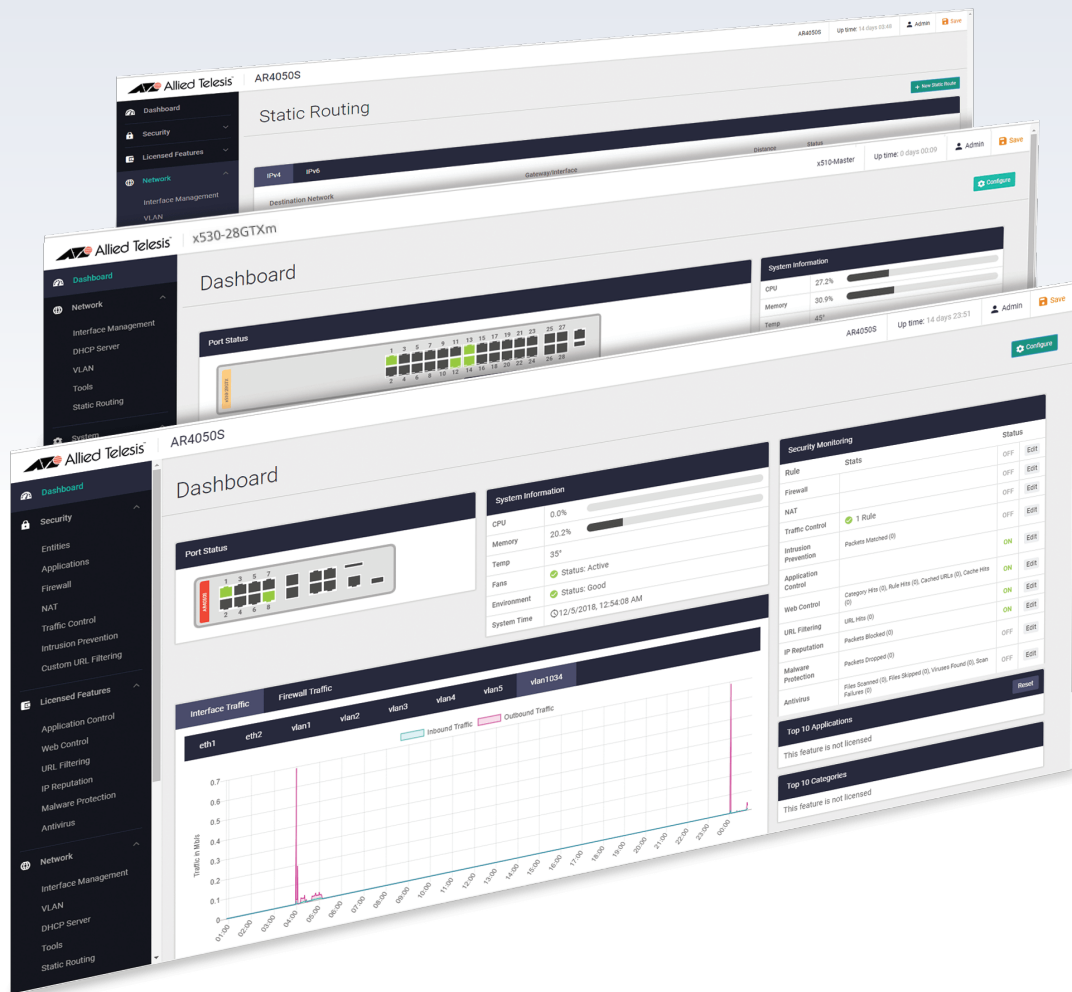


Release Note for Web-based Device GUI Version 2.12.x



» 2.12.0

AlliedWare Plus
OPERATING SYSTEM

Acknowledgments

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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/

Contents

What's New in Version 2.12.0	1
Introduction	1
New Features and Enhancements	4
Creating Access Control Lists (ACLs).....	4
Simplified Passpoint setup	5
Increase to number of wireless Channel Blanket VAPs	5
Use a USB stick to turn on wireless Emergency Mode	6
Accessing and Updating the Web-based GUI.....	7

What's New in Version 2.12.0

Product families supported by this version:

AMF Cloud	XS900MX Series
SwitchBlade x8100: SBx81CFC960	GS980MX Series
SwitchBlade x908 Generation 2	GS980EM Series
x950 Series	GS980M Series
x930 Series	GS970EMX/10
x550 Series	GS970M Series
x530 Series	10 GbE Virtual UTM Firewall
x530L Series	AR4050S
x330-10GTX	AR4050S-5G
x320 Series	AR3050S
x230 Series	AR2050V
x220 Series	AR2010V
IE340 Series	AR1050V
IE210L Series	

Introduction

This release note describes the new features in the Allied Telesis Web-based Device GUI version 2.12.0. You can run 2.12.0 with AlliedWare Plus firmware versions 5.5.0-x.x, 5.5.1-x.x, or 5.5.2-x.x, on your device, although the latest GUI features may only be supported with the latest firmware version.

For information on accessing and updating the Device GUI, see [“Accessing and Updating the Web-based GUI” on page 7](#).

The following table lists model names that support this version:

Table 1: Models and software file names

Models	Family
AMF Cloud	
SBx81CFC960	SBx8100
SBx908 GEN2	SBx908 GEN2
x950-28XSQ x950-28XTQm x950-52XSQ x950-52XTQm	x950
x930-28GTX x930-28GPX x930-28GSTX x930-52GTX x930-52GPX	x930
x550-18SXQ x550-18XTQ x550-18XSPQm	x550

Table 1: Models and software file names (cont.)

Models	Family
x530-10GHXm x530-18GHXm x530-28GTXm x530-28GPXm x530-52GTXm x530-52GPXm x530DP-28GHXm x530DP-52GHXm x530L-10GHXm x530L-18GHXm x530L-28GTX x530L-28GPX x530L-52GTX x530L-52GPX	x530 and x530L
x330-10GTX x330-20GTX x330-28GTX	x330
x320-10GH x320-11GPT	x320
x230-10GP x230-10GT x230-18GP x230-18GT x230-28GP x230-28GT x230L-17GT x230L-26GT	x230 and x230L
x220-28GS x220-52GT x220-52GP	x220
IE340-12GT IE340-12GP IE340-20GP IE340L-18GP	IE340
IE210L-10GP IE210L-18GP	IE210L
XS916MXT XS916MXS	XS900MX
GS980MX/10HSm GS980MX/18HSm GS980MX/28 GS980MX/28PSm GS980MX/52 GS980MX/52PSm	GS980MX
GS980EM/10H GS980EM/11PT	GS980EM
GS980M/52 GS980M/52PS	GS980M
GS970EMX/10 GS970EMX/20 GS970EMX/28	GS970EMX

Table 1: Models and software file names (cont.)

Models	Family
GS970M/10PS GS970M/10 GS970M/18PS GS970M/18 GS970M/28PS GS970M/28	GS970M
10 GbE Virtual UTM Firewall	vFW
AR4050S AR4050S-5G AR3050S	AR-series UTM firewalls
AR2050V AR2010V AR1050V	AR-series VPN routers

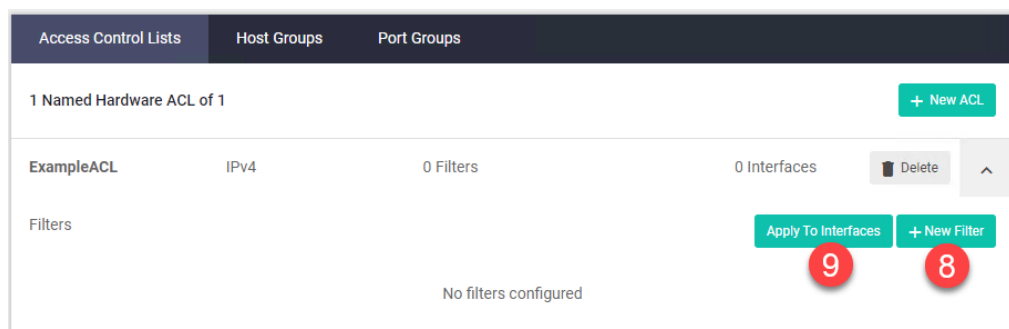
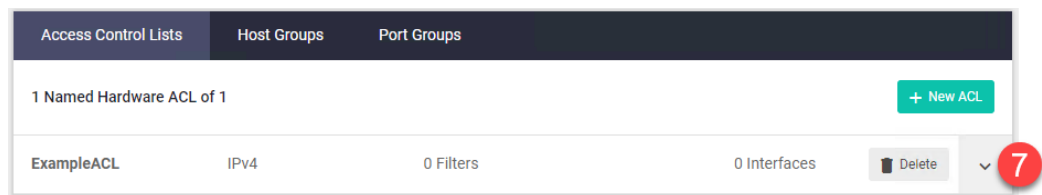
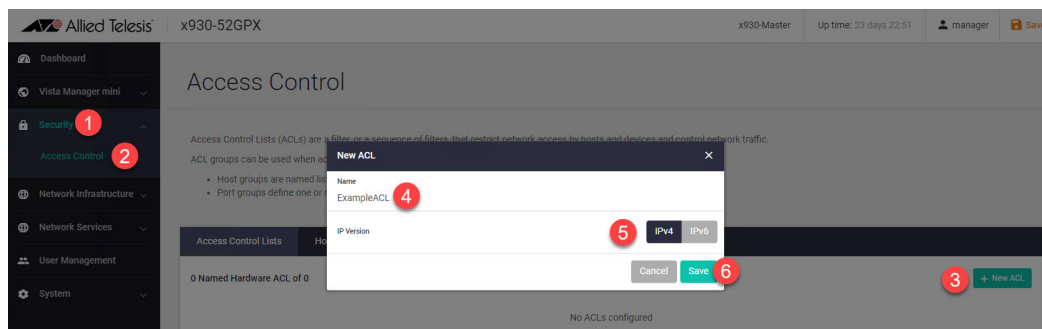
New Features and Enhancements

This section summarizes the new features in the Device GUI software version 2.12.0.

Creating Access Control Lists (ACLs)

Applies to switches running AlliedWare Plus 5.5.2-1.1 onwards.

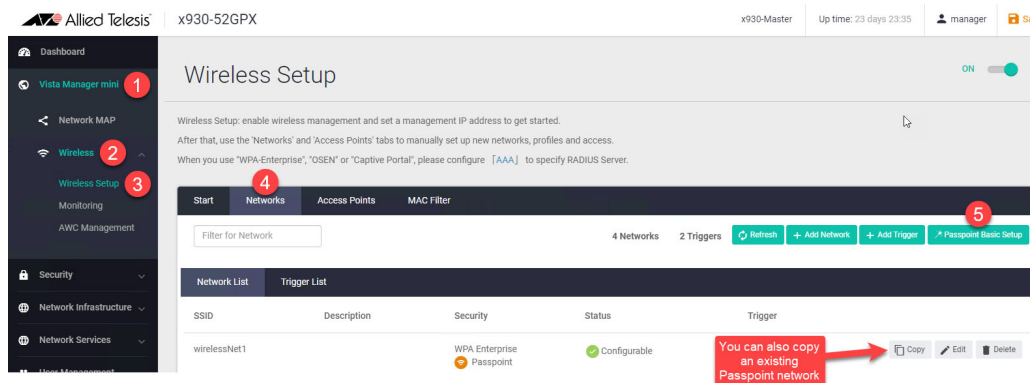
The Device GUI now lets you create IPv4 and IPv6 hardware ACLs and apply them to interfaces, to allow or block traffic. To do this, use the Access Control page under the Security menu, as shown in the following screenshots:



Simplified Passpoint setup

Applies to devices running AlliedWare Plus 5.5.2-1.1 onwards.

On an AlliedWare Plus device acting as a wireless controller, it is now easy to set up a new Passpoint network. To do this, use the Network page, as shown in the following screenshot. You can use the Passpoint Basic Setup button to create a new Passpoint network or you can copy an existing one.



This feature requires firmware version 6.0.1-5.1 or later on the AT-TQ5403, AT-TQm5403, and AT-TQ5403e APs.

For more information about Passpoint and Vista Manager mini, see the [Wireless Management \(AWC\) with Vista Manager mini User Guide](#).

Increase to number of wireless Channel Blanket VAPs

Applies to devices running AlliedWare Plus 5.5.2-1.1 onwards.

When an AlliedWare Plus device is acting as a wireless controller, it now supports more Virtual Access Points (VAPs) for channel blanket installations on TQ5403, TQ5403e and TQ6602 access points. The new limits are:

	TQ5403 and TQ5403e	TQ6602
Maximum CB VAPs on each AP	6	20
Maximum CB VAPs on each radio	3	10

This new limit requires the following firmware version on the AP:

- AT-TQ6602: 7.0.1-1.1 or later
- AT-TQ5403 and AT-TQ5403e: 6.0.1-1.1 or later.

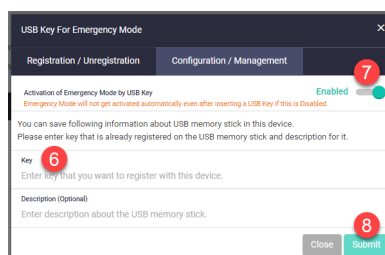
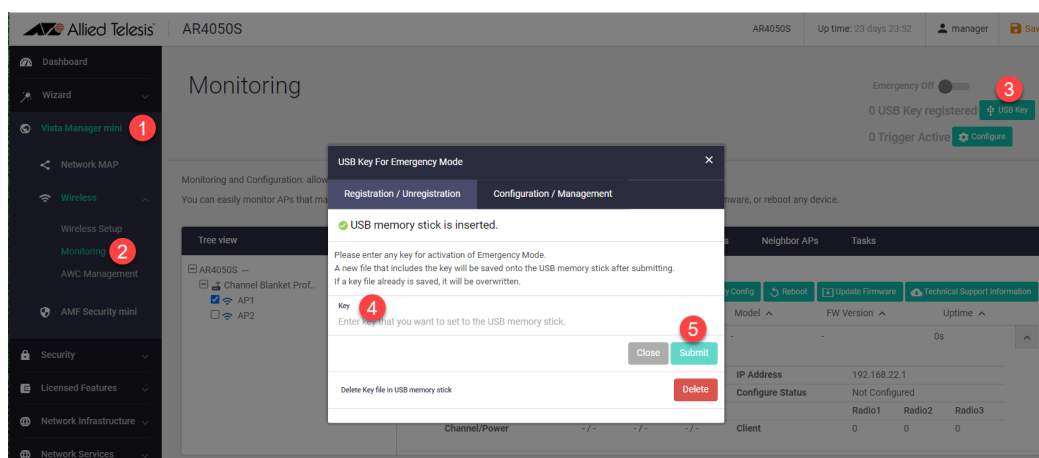
Use a USB stick to turn on wireless Emergency Mode

Applies to devices running AlliedWare Plus 5.5.2-1.1 onwards.

AlliedWare Plus wireless controllers support Emergency Mode for wireless networks. Emergency Mode makes your wireless network available to the public in an emergency, such as a natural disaster.

The Device GUI now lets you put your wireless network into Emergency Mode by simply inserting a pre-prepared USB stick into the AlliedWare Plus device that is the wireless controller. This enhancement makes it easier to start Emergency Mode, because you don't have to log into the AlliedWare Plus device to do so.

You first need to insert an empty USB stick into the AlliedWare Plus device, enter a key, and turn the feature on, as shown in the following screenshots.



Remove the USB stick and keep it somewhere convenient.

To put the network into Emergency Mode, just insert the USB stick. As long as the keys on the device and the stick match, emergency mode will automatically activate. The device's port LEDs will blink to indicate it is in emergency mode.

For more information about configuring Emergency Mode, see the [Wireless Management \(AWC\) with Vista Manager mini User Guide](#).

Accessing and Updating the Web-based GUI

This section describes how to access the GUI, check the version, and update it.

Browse to the GUI

Perform the following steps to browse to the GUI.

1. If you haven't already, add an IP address to an interface. For example:

```
awplus> enable
awplus# configure terminal
awplus(config)# interface vlan1
awplus(config-if)# ip address 192.168.1.1/24
```

Alternatively, on unconfigured devices you can use the default address, which is:

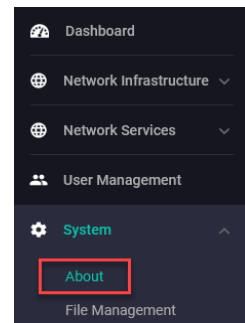
- « on switches: 169.254.42.42
- « on AR-Series: 192.168.1.1

2. Open a web browser and browse to the IP address from step 1.
3. The GUI starts up and displays a login screen. Log in with your username and password. The default username is *manager* and the default password is *friend*.

Check the GUI version

To see which version you have, open the System > About page in the GUI and check the field called **GUI version**.

If you have an earlier version than 2.12.0, update it as described in [“Update the GUI on switches” on page 8](#) or [“Update the GUI on AR-Series devices” on page 9](#).



Update the GUI on switches

Perform the following steps through the Device GUI and command-line interface if you have been running an earlier version of the GUI and need to update it.

1. Obtain the GUI file from our Software Download center. The filename for v2.12.0 of the GUI is awplus-gui_552_27.gui.

Make sure that the version string in the filename (e.g. 552) matches the version of AlliedWare Plus running on the switch. The file is not device-specific; the same file works on all devices.

2. Log into the GUI:

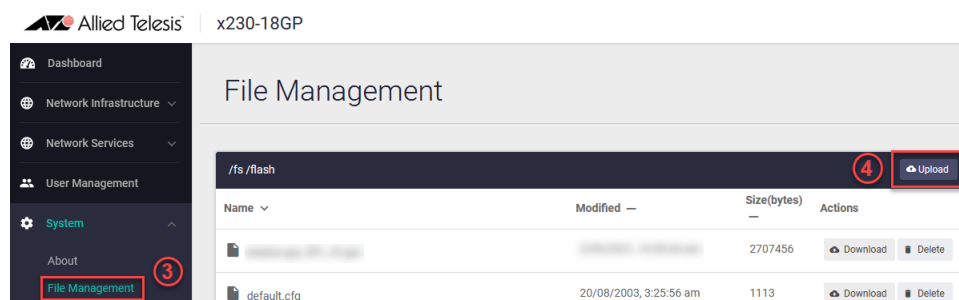
Start a browser and browse to the device's IP address, using HTTPS. You can access the GUI via any reachable IP address on any interface.

The GUI starts up and displays a login screen. Log in with your username and password.

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

3. Go to **System > File Management**

4. Click **Upload**.



5. Locate and select the GUI file you downloaded from our Software Download center. The new GUI file is added to the **File Management** window.

You can delete older GUI files, but you do not have to.

6. Reboot the switch. Or alternatively, use a Serial console connection or SSH to access the CLI, then use the following commands to stop and restart the HTTP service:

```
awplus> enable
awplus# configure terminal
awplus(config)# no service http
awplus(config)# service http
```

To confirm that the correct file is now in use, use the commands:

```
awplus(config)# exit
awplus# show http
```

Update the GUI on AR-Series devices

Prerequisite: On AR-Series devices, if the firewall is enabled, you need to create a firewall rule to permit traffic generated by the device that is destined for external services. See the “Configuring a Firewall Rule for Required External Services” section in the [Firewall and Network Address Translation \(NAT\) Feature Overview and Configuration Guide](#).

Perform the following steps through the command-line interface if you have been running an earlier version of the GUI and need to update it.

1. Use a Serial console connection or SSH to access the CLI, then use the following commands to download the new GUI:

```
awplus> enable
awplus# update webgui now
```

Perform the following steps if you have been running an earlier version of the GUI and need to update it.

1. Use a Serial console connection or SSH to access the CLI, then use the following commands to download the new GUI:

```
awplus> enable
awplus# update webgui now
```

2. Browse to the GUI and check that you have the latest version now, on the System > About page. You should have v2.10.0 or later.

