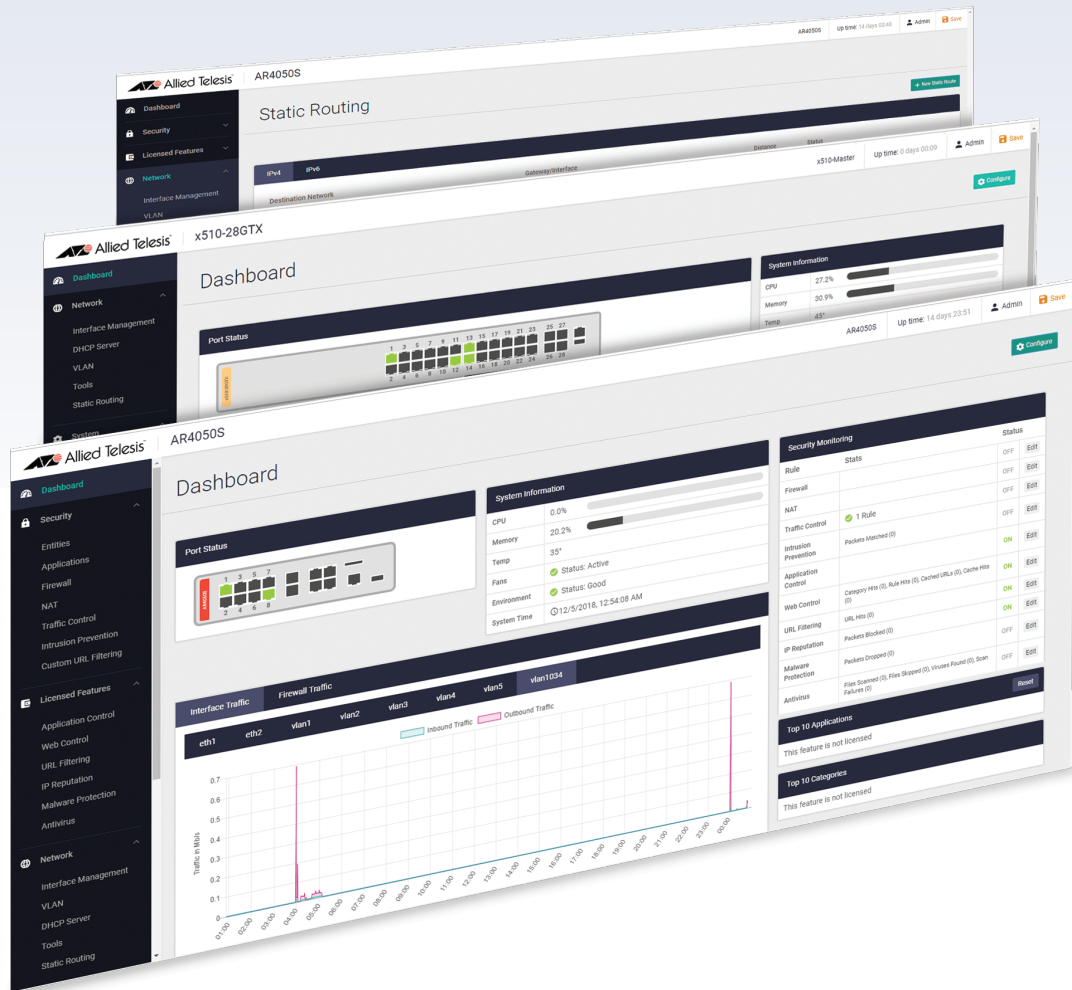


Release Note for Web-based Device GUI Version 2.9.x



» 2.9.0

AlliedWare Plus
OPERATING SYSTEM

Acknowledgments

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What's New in Version 2.9.0

Product families supported by this version:

SwitchBlade x908 GEN2	XS900MX Series
SwitchBlade x8100 Series	GS980MX Series
x950 Series	GS980M Series
x930 Series	GS980EM Series
x550 Series	GS970M Series
x530 Series	GS900MX/MPX Series
x530L Series	FS980M Series
x510 Series	AR4050S
x510L Series	AR3050S
IX5-28GPX	AR2050V
x310 Series	AR2010V
x320 Series	AR1050V
x230 Series	
x230L Series	
x220 Series	
IE510-28GSX-80	
IE340 Series	
IE340L Series	
IE300 Series	
IE210L Series	
IE200 Series	

Introduction

This release note describes the new features in the Allied Telesis Web-based Device GUI version 2.9.0. You can run 2.9.0 with any AlliedWare Plus firmware version on your device, although recent GUI features may only be supported with recent firmware versions.

For information on accessing and updating the Device GUI, see [“Accessing and Updating the Web-based GUI” on page 6](#).

The following table lists model names that support this version:

Table 1: Models

Models	Family
SBx908 GEN2	SBx908 GEN2
SBx81CFC960	SBx8100
x950-28XSQ x950-28XTQm x950-52XSQ	x950
x930-28GTX x930-28GPX x930-52GTX x930-52GPX x930-28GSTX	x930

Table 1: Models (cont.)

Models	Family
x550-18SXQ x550-18XTQ x550-18XSPQm	x550
x530DP-28GHXm x530DP-52GHXm x530-28GTxm x530-28GPxm x530-52GTxm x530-52GPxm x530L-28GTX x530L-28GPX x530L-52GTX x530L-52GPX x530L-10GHXm	x530 and x530L
x510-28GTX x510-52GTX x510-28GPX x510-52GPX x510-28GSX x510-28GSX-80 x510DP-28GTX x510DP-52GTX x510L-28GT x510L-28GP x510L-52GT x510L-52GP	x510 and x510L
IX5-28GPX	IX5
x310-26FT x310-50FT x310-26FP x310-50FP	x310
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
IE510-28GSX	IE510-28GSX
IE340-12GT IE340-12GP IE340-20GP IE340L-18GP	IE340 and IE340L
IE300-12GT IE300-12GP	IE300
IE210L-10GP IE210L-18GP	IE210L

Table 1: Models (cont.)

Models	Family
IE200-6FT IE200-6FP IE200-6GT IE200-6GP	IE200
XS916MXT XS916MXS	XS900MX
GS980MX/10HSm GS980MX/28 GS980MX/28PSm GS980MX/52 GS980MX/52PSm	GS980MX
GS980M/52 GS980M/52PS	GS980M
GS980EM/10H GS980EM/11PT	GS980EM
GS970M/10PS GS970M/10 GS970M/18PS GS970M/18 GS970M/28PS GS970M/28	GS970M
GS924MX GS924MPX GS948MX GS948MPX	GS900MX/MPX
FS980M/9 FS980M/9PS FS980M/18 FS980M/18PS FS980M/28 FS980M/28DP FS980M/28PS FS980M/52 FS980M/52PS	FS980M
AR4050S 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 2.9.0.

From version 2.9.0 onwards, the following new features and enhancements are available:

Enhancements to Passpoint (802.11u)

Applicable to Access Points: TQ5403, TQm5403, TQ5403e running AlliedWare Wireless v6.0.1-5.1 onwards

Passpoint™ is the open standard for public Wi-Fi, introduced by the [Wi-Fi Alliance™](#). It brings seamless, secure Wi-Fi connectivity to any network employing Passpoint enabled Wi-Fi hotspots.

From Device GUI version 2.9.0 onwards, on devices running AlliedWare Plus v5.5.1-1.1 onwards, support for Passpoint (802.11u) has been expanded to include the following features:

- Internet Access
- Additional Step Required for Access
- Emergency services reachable
- Unauthenticated emergency service accessible
- Venue Group
- Venue Type
- Venue Name
- Network Authentication Type
- IP Address Type Availability
- Arbitrary ANQP-element configuration
- GAS Address 3 behavior
- GAS Comeback Delay
- QoS Map Set configuration.
- For details about configuring Passpoint, see the [User Guide: Wireless management \(AWC\) with Vista Manager mini](#).

Displaying NetBIOS name and connected time of wireless clients

Applies to the following access points and firmware versions:

TQ5403, TQm5403, TQ5403e	6.0.1-6.1 or later
TQ1402, TQm1402	6.0.1-7.1 or later
TQ-4600, TQ-4400e	4.3.0 or later

From Device GUI version 2.9.0 onwards, on devices running AlliedWare Plus v5.5.1-1.1 onwards, you can view additional information about clients that are connected to monitored APs:

- the NetBIOS name of each client connected to the AP
- the age of the client's connection to the AP (how much time has elapsed since the client connected to the AP).

Note that if clients are connected to APs in a Channel Blanket, the NetBIOS name will not be displayed.

To see the new information, browse to the Vista manager mini > Wireless > Monitoring > Clients page and click the green View button. The age data updates every time you click the View button.

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:

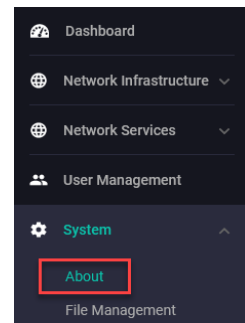
- « on switches: 169.254.42.42
- « on AR-Series: 192.168.1.1

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**. It should be 2.9.0 or later.

If you have an earlier version, update it as described in “[Update the GUI on switches](#)” on page 7 or “[Update the GUI on AR-Series devices](#)” on page 8.



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 v2.9.0 of the GUI is awplus-gui_551_24.gui.

The file is not device-specific; the same file works on all devices.

2. Log into the GUI:

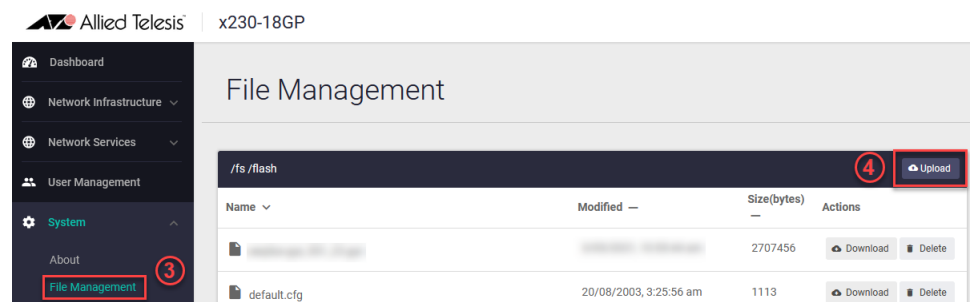
Start a browser and browse to the device's IP address, using HTTPS. You can access the GUI via any reachable IP address on any interface.

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. 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, then 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 v2.9.0 or later.

