

Allied Telesis Release Note Web Based Device GUI Version



Allied Telesis Release Note Web Based Device GUI Version User Guide

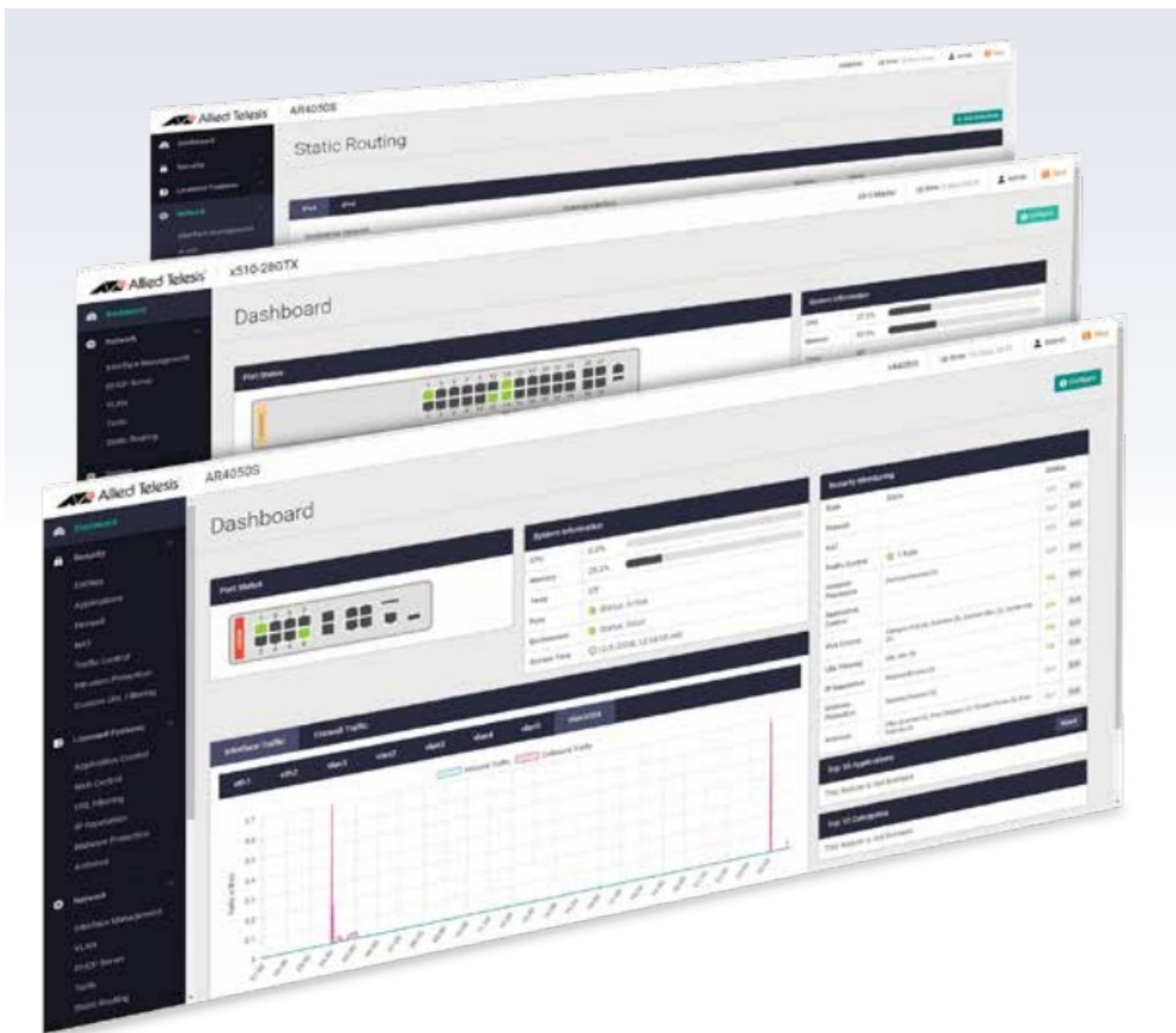
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Allied Telesis Release Note Web Based Device GUI Version



Specifications

- Product Name: Web-based Device GUI
- Version: 2.17.x
- Supported Models: AMF Cloud, SwitchBlade x8100, SwitchBlade x908 Generation 2, x950 Series, x930 Series, x550 Series, x530 Series, x530L Series, x330-10GTX, x320 Series, x230 Series, x240 Series, x220 Series, IE340 Series, IE220 Series, IE210L Series, SE240 Series, XS900MX Series, GS980MX Series, GS980EM Series, GS980M Series, GS970EMX/10, GS970M Series, AR4000S-Cloud 10GbE UTM Firewall, AR4050S, AR4050S-5G, AR3050S, AR2050V, AR2010V, AR1050V, TQ6702 GEN2-R
- Firmware Compatibility: AlliedWare Plus versions 5.5.4-x.x, 5.5.3-x.x, or 5.5.2-x.x

Product Usage Instructions

Accessing the Web-based GUI

To access the Web-based GUI:

1. Ensure your device is powered on and connected to the network.
2. Open a web browser on a computer connected to the same network.
3. Enter the IP address of the device in the browser's addressbar.

4. Log in using your credentials when prompted.

Updating the Device GUI

To update the Device GUI:

1. Download the latest version of the GUI from the official website.
2. Access the device's management interface through a web browser.
3. Navigate to the firmware update section.
4. Upload the downloaded GUI file and follow on-screen instructions to complete the update.

FAQ

- **Q: What firmware versions are compatible with Web-based Device GUI version 2.17.0?**

A: The Web-based Device GUI version 2.17.0 is compatible with AlliedWare Plus firmware versions 5.5.4-x.x, 5.5.3-x.x, or 5.5.2-x.x.

- **Q: How can I access the Web-based GUI of my device?**

A: To access the Web-based GUI, ensure your device is powered on and connected to the network. Open a web browser on a computer connected to the same network, enter the device's IP address in the browser's address bar, and log in using your credentials when prompted.

Release Note for Web-based Device GUI Version 2.17.x

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/

What's New in Version 2.17.0

- AMF Cloud
- SwitchBlade x8100: SBx81CFC960
- SwitchBlade x908 Generation 2
- x950 Series
- x930 Series

- x550 Series
- x530 Series
- x530L Series
- x330-10GTX
- x320 Series
- x230 Series
- x240 Series
- x220 Series
- IE340 Series
- IE220 Series
- IE210L Series
- SE240 Series
- XS900MX Series
- GS980MX Series
- GS980EM Series
- GS980M Series
- GS970EMX/10
- GS970M Series
- AR4000S-Cloud
- 10GbE UTM Firewall
- AR4050S
- AR4050S-5G
- AR3050S
- AR2050V
- AR2010V
- AR1050V
- TQ6702 GEN2-R

Introduction

This release note describes the new features in the Allied Telesis Web-based Device GUI version 2.17.0. You can run 2.17.0 with AlliedWare Plus firmware versions 5.5.4-x.x, 5.5.3-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 8.

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
x950-28XTQm	
x950-52XSQ	
x950-52XTQm	
x930-28GTX	x930
x930-28GPX	
x930-28GSTX	
x930-52GTX	
x930-52GPX	
x550-18SXQ x550-18XTQ x550-18XSPQ m	x550

Models	Family
x530-10GHXm	x530 and x530L
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	
x330-10GTX	x330
x330-20GTX	
x330-28GTX	

x330-52GTX	
x320-10GH x320-11GPT	x320
x240-10GTXm x240-10GHXm	x240
x230-10GP	x230 and x230L
x230-10GT	
x230-18GP	
x230-18GT	
x230-28GP	
x230-28GT	
x230L-17GT	
x230L-26GT	
x220-28GS x220-52GT x220-52GP	x220
IE340-12GT	IE340
IE340-12GP	
IE340-20GP	
IE340L-18GP	
IE220-6GHX IE220-10GHX	IE220
IE210L-10GP IE210L-18GP	IE210L
SE240-10GTXm SE240-10GHXm	SE240
XS916MXT XS916MXS	XS900MX
GS980MX/10HSm	GS980MX
GS980MX/18HSm	
GS980MX/28	
GS980MX/28PSm	
GS980MX/52	
GS980MX/52PSm	
GS980EM/10H GS980EM/11PT	GS980EM
GS980M/52 GS980M/52PS	GS980M
GS970EMX/10	GS970EMX
GS970EMX/20	
GS970EMX/28	
GS970EMX/52	

Models	Family
GS970M/10PS	GS970M
GS970M/10	
GS970M/18PS	
GS970M/18	
GS970M/28PS	
GS970M/28	
10GbE UTM Firewall	
AR4000S Cloud	
AR4050S AR4050S-5G AR3050S	AR-series UTM firewalls
AR1050V	AR-series VPN routers
TQ6702 GEN2-R	Wireless AP Router

New Features and Enhancements

This section summarizes the new features in the Device GUI software version 2.17.0.

Enhancements to Device GUI on TQ6702 GEN2-R

Available on: TQ6702 GEN2-R running AlliedWare Plus 5.5.4-0 onwards

From version 2.17.0 onwards, the TQ6702 GEN2-R (Wireless AP router) supports additional Device GUI features. These newly supported Device GUI features include:

- Entities – support for selecting bond and VAP interfaces in entities
- Bridging
- PPP interface support on Interface Management page
- IPv6 support for WAN interfaces
- Dynamic DNS client support
- IPsec – changing maximum TCP segment size and MTU size on the Interface Management page
- ISAKMP and IPsec profiles
- IPsec tunnels (basic tunnel creation)
- DNS Forwarding

Alongside this, authentication options have been updated on the Security setting of attached clients. You can now select from:

AMF Application Proxy

You can configure the following fields for AMF Application Proxy:

- AMF Application Proxy Server
- Critical Mode

MAC Filter + External RADIUS

You can configure the following fields for MAC Filter + External RADIUS:

- RADIUS Server
- MAC Authentication Username Separator
- MAC Authentication Username Case
- MAC Authentication Password

This feature requires AlliedWare Plus version 5.5.4-0.1 onwards.

Accessing and Updating the Web-based GUI

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

Important Note: Very old browsers may not be able to access the Device GUI. From AlliedWare Plus version 5.5.2-2.1 onwards, to improve the security of the communication for the Device GUI, ciphersuites which use RSA or CBC based algorithms have been disabled, as they are no longer considered secure. Note that the removal of ciphersuites using those algorithms may prevent some old versions of browsers from communicating with the device using HTTPS.

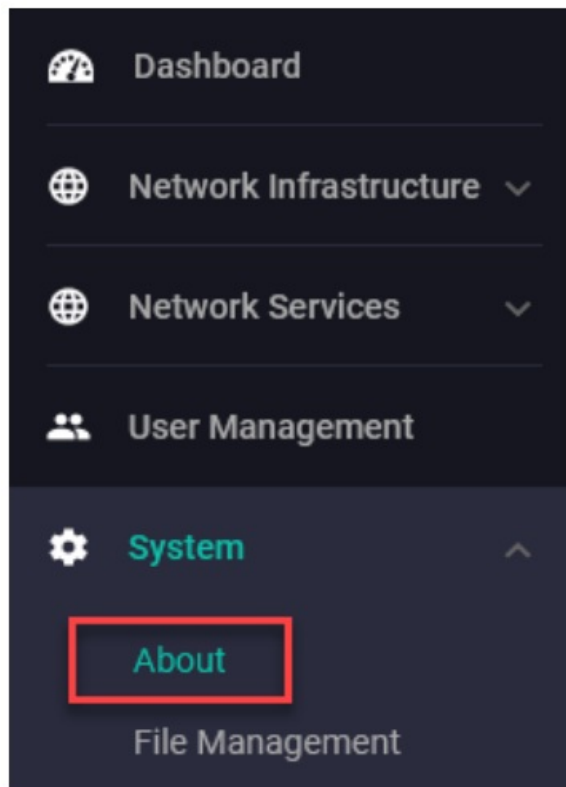
Browse to the GUI

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 2.17.0, update it as described in "Update the GUI on switches" on page 9 or "Update the GUI on AR-Series devices" on page 10.



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 v2.17.0 of the GUI is:

- « awplus-gui_554_32.gui
- « awplus-gui_553_32.gui, or
- « awplus-gui_552_32.gui

Make sure that the version string in the filename (e.g. 554) matches the version of AlliedWare Plus running on the switch. The file is not device-specific; the same file works on all devices.

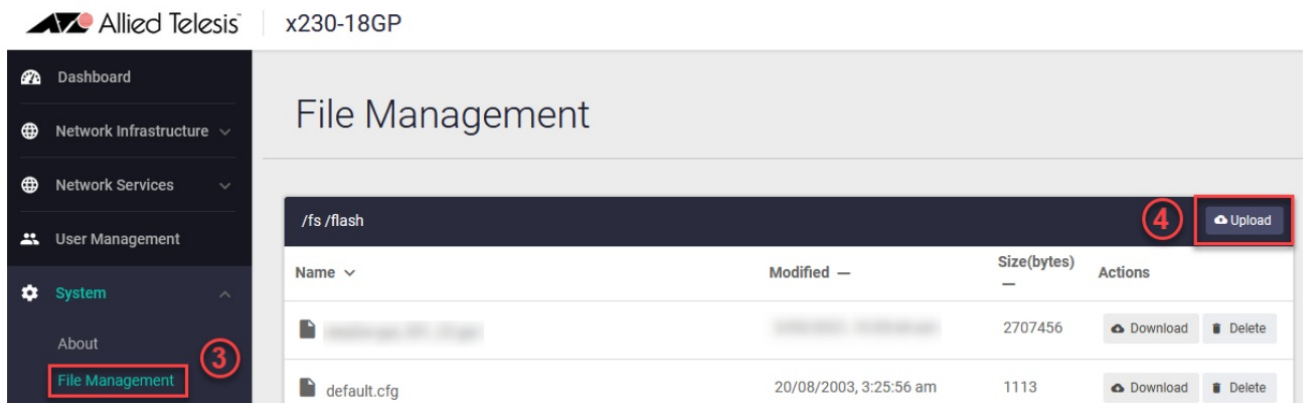
2. Log into the GUI:

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:

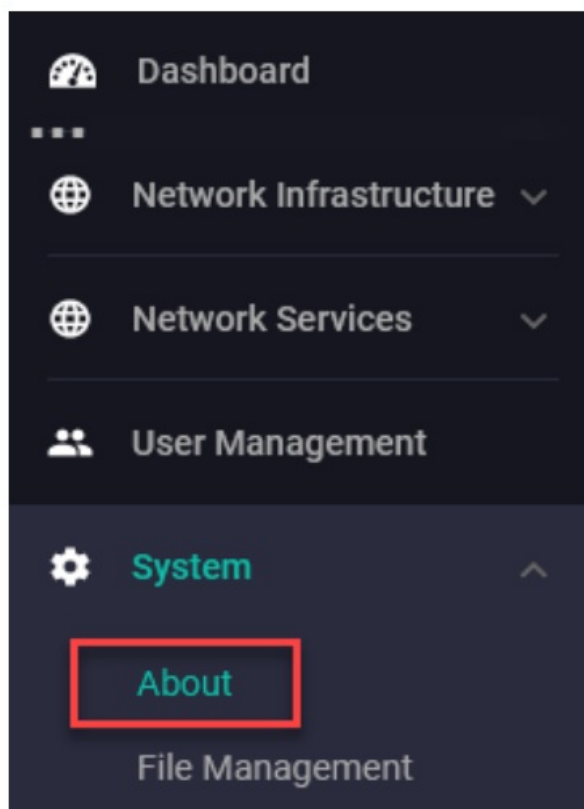
- `awplus> enable`
- `awplus# update webgui now`

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 v2.17.0 or later.



Verifying the GUI File

On devices that support crypto secure mode, to ensure that the GUI file has not been corrupted or interfered with during download, you can verify the GUI file. To do this, enter Global Configuration mode and use the command: `awplus(config)#crypto verify gui <hash-value>`

Where <hash-value> is the known correct hash of the file.

This command compares the SHA256 hash of the release file with the correct hash for the file. The correct hash is listed in the table of Hash values below or in the release's sha256sum file, which is available from the Allied Telesis Download Center.

Caution If the verification fails, the following error message will be generated: “% Verification Failed”
In the case of verification failure, please delete the release file and contact Allied Telesis support.

If you want the device to re-verify the file when it boots up, add the crypto verify command to the boot configuration file.

Table: Hash values

Firmware Version	GUI File	Hash
5.5.4-x.x	awplus-gui_554_32.gui	b3750b7c5ee327d304b5c48e860b6d71803544d8e06fc454c14be25e7a7325f4
5.5.3-x.x	awplus-gui_553_32.gui	b3750b7c5ee327d304b5c48e860b6d71803544d8e06fc454c14be25e7a7325f4
5.5.2-x.x	awplus-gui_552_32.gui	b3750b7c5ee327d304b5c48e860b6d71803544d8e06fc454c14be25e7a7325f4

Documents / Resources

	<p>Allied Telesis Release Note Web Based Device GUI Version [pdf] User Guide Release Note Web Based Device GUI Version, Note Web Based Device GUI Version, Based D evice GUI Version, Device GUI Version</p>
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References

- [🇺🇸 Firewall and Network Address Translation \(NAT\) Feature Overview and Configuration Guide | Allied Telesis](#)
- [🌐 Allied Telesis Download Center : Login](#)
- [User Manual](#)

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