

INFORMATION

Question

How do I setup a Guest Wi-Fi Network in my DG2460/70 A Gateway?

Answer

The DG2460A allows for a guest Wi-Fi network (in addition to the primary Wi-Fi network). The guest Wi-Fi network provides access to the Internet, but prevents devices from communicating with the primary Wi-Fi and wired connected client devices.

The DG2460A broadcasts two different guest Wi-Fi networks independently over the 2.4 GHz and 5 GHz radio bands. 2.4 GHz devices can only connect to the 2.4 GHz Wi-Fi network, and newer devices that support 5 GHz can connect to either the 2.4 GHz or 5 GHz Wi-Fi network. The Guest Wi-Fi networks are limited to 32 users and disabled by default. This document describes how to setup the Guest Wi-Fi network.

Guest Wi-Fi Network Setup

1. Launch a web browser, such as Internet Explorer, Firefox, or Safari. Enter <http://192.168.0.1> into the address box, and press the Enter key. The **Login** page will appear.

NOTE: A security or private risk alert may appear on the web browser advising users to proceed with caution when accessing the Web Manager. There is no risk in proceeding to the Web Manager.

2. On the **Login** page, enter admin in the **User Name** field.
 3. Enter password or a customized password in the **Password** field.
 4. Click the Apply button. The **System Basic Setup** page will appear.
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The screenshot shows a web interface with a dark header containing the word "Login". On the left, there is a sidebar with a "LOGIN" button. The main content area is titled "Login" and includes a note: "The default user name is 'admin'. Valid characters are the numbers 0 to 9, the letters a through z, and printable special characters (such as \$, !, ?, &, #, @, and others.)". Below this, there is a "Login" section with two input fields: "User Name" (containing "admin") and "Password" (containing masked characters). There are help icons (question marks) next to both fields. At the bottom, there are two buttons: "Apply" and "Device Status".

5. On the **System Basic Setup** page, click the [Wireless 2.4 GHz](#) link on the top menu. The **System Basic Setup** page will appear.
6. On the left-hand menu, click the [2.4GHz Guest SSID](#) link. The **2.4GHz Guest Setup** page will appear.
7. Check the [EnableGuestWireless](#) box to enable the 2.4 GHz Guest Wi-Fi network.
8. Enter a new wireless network name in the **Wireless Network Name (SSID)** field.
9. Enter a new wireless password in the **Pre-Shared Key** field.
10. Click the **Security Mode** drop-down menu to select the encryption type to use.
 - **Open (None Secure)** - Network security is not set for the Wi-Fi network. This allows access to the Wi-Fi network without a Wi-Fi Security key.
 - **WEP (64/128) (Poor Security)** - Wired Equivalent Privacy, older network security standards (not recommended).
 - **WPA/WPA2-PSK (TKIP/AES) (Most Compatible)** - Combination of Wi-Fi Protected Access version 2 with Pre-Shared Key and Wi-Fi Protected Access with Pre-Shared Key.
 - **WPA2-PSK (AES) (Recommended)** - Wi-Fi Protected Access version 2 with Pre-Shared Key.

11. Click the Apply button.

NOTE: To enable the 5 GHz Guest Wi-Fi, click the Wireless 5 GHz link on the top menu, then click the 5GHZ Guest SSID link on the left-hand menu, and repeat steps 7 - 11.

The screenshot shows the '2.4GHz Guest Setup' page in a network configuration interface. The top navigation bar includes 'Basic Setup', 'WAN Setup', 'LAN Setup', 'Wireless 2.4 GHz', 'Wireless 5 GHz', 'Firewall', 'USB', 'Utilities', and 'Extender'. The left sidebar has a 'WIRELESS 2.4 GHz' section with sub-items: 'BASIC', 'ADVANCED', 'MAC ADDRESS CONTROL', 'WIRELESS CLIENT LIST', 'ACTIVE ACCESS POINTS', and '2.4GHZ GUEST SSID'. The main content area is titled '2.4GHz Guest Setup' and contains a list of configuration options, each with a checkbox and a help icon. The 'Apply' button is at the bottom left.

Option	Value
EnableGuestWireless	<input checked="" type="checkbox"/>
Wireless Network Name (SSID)	ARRIS-9AC1-Guest
Broadcast Network Name (SSID)	<input checked="" type="checkbox"/>
Pre-Shared Key	331334326043
Security Mode	WPA2-PSK (AES) (Recommended)
AP Isolation	<input checked="" type="checkbox"/>
Enable WMM	<input checked="" type="checkbox"/>
Firewall	<input checked="" type="checkbox"/>
UPnP	<input checked="" type="checkbox"/>

***Tip

***If this is a modem swap, it is suggested that you change the guest SSID and password to match the previous setup, then the guests will not need to change their settings on any of their devices. They will connect with no setup needed for new gateway.

This can be done for main Wi-Fi setup also.

