Configure a router with advanced MAC settings to work with your extender

If you enabled a WiFi MAC filter, WiFi access control, or access control list (ACL) on your router, when a WiFi device connects through the extender to your router, the MAC address of the WiFi device shown on the router is translated to another MAC address.

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To add a translated MAC address to your router and reserve an IP address for your extender:

1. Log in to your router and disable the MAC filter, WiFi access control, or ACL.
2. Power on the extender and connect all of your WiFi devices to the extender.
4. Log in to your router.
5. Enter the One WiFi Name feature, enter one of the following URLs:
   - Windows-based computer: http://mywifiext.local/ or http://<extender's IP address>/
   - Mac computers and iOS devices: http://mywifiext.local/
   - Android devices: http://extender's IP address/ (For example, http://192.168.1.3/)
   - A login page displays.
6. Enter your admin user name and password and click the LOG IN button.
7. Enable the router’s MAC filter, WiFi access control, or ACL.
8. Log in to your extender:
   - If you did not enable the One WiFi Name feature, enter the One WiFi Name feature, enter one of the following URLs:
     - Windows-based computer: http://mywifiext.local/
     - Mac computers and iOS devices: http://mywifiext.local/
     - Android devices: http://extender's IP address/
   - A login page displays.
   - Enter your admin user name and password and click the LOG IN button.
9. Log in to your router:
   - If you did not enable the One WiFi Name feature, enter one of the following URLs:
     - Windows-based computer: http://mywifiext.local/
     - Mac computers and iOS devices: http://mywifiext.local/
     - Android devices: http://extender's IP address/ (For example, http://192.168.1.3/)
   - A login page displays.
Getting started

1. For initial setup, place your extender in the same room as your router.

2. Plug the extender into an electrical outlet.

3. Wait for Power LED to light solid green.

4. If the Power LED does not light, press the On/Off button.

5. Connect your extender to your existing WiFi network using one of these methods:
   - Connect with the Nighthawk app. The Nighthawk app guides you through the installation. For more information, see Connect with the Nighthawk app.
   - Connect with WPS. Wi-Fi Protected Setup (WPS) lets you join a secure WiFi network without typing the network name and password. Your router must support WPS to use this method. For more information, see Connect with WPS.

Connect with the Nighthawk app

1. Download the Nighthawk app on your mobile device.

2. Use your mobile device, open the WiFi connection manager, then locate and connect to the extender network called NETGEAR_EXT.

3. Launch the Nighthawk app.

4. Follow the prompts to connect your extender to your router WiFi network.

5. After the setup is complete, move your extender to a new location.

For more information, see Connect with the Nighthawk app.

For more information about the Nighthawk app, visit nighthawk-app.com.

Connect with WPS

1. Press the WPS button on the extender for less than five seconds.
   - The WPS LED lights.

2. On your mobile device, open the WiFi connection manager, then locate and connect to the extender network called NETGEAR_EXT. When the extender connects to the router, the Router Link LED lights.

3. If the Router Link LED lights green, the connection between the router and extender is good. If the Router Link LED lights amber or red, move the extender closer to the router and try again.

4. Move your extender to a new location.

For more information, see Find a good spot for your extender.

5. Connect your WiFi-enabled devices to the extended network.

Find a good spot for your extender

1. Unplug your extender and move it to a new location.

2. Connect with the Nighthawk app to connect your extender to your router WiFi network. For more information, see Connect with the Nighthawk app.

3. Power on your extender.

4. Use the Router Link LED, to find a spot where the connection between the router and extender is optimal.

For more information about the Router Link LED, see LED descriptions on the other side of this quick start guide.

Connect your device to the extended network

After the setup, the One WiFi Name feature is enabled, which allows your extender to use the same WiFi network settings as your router.

If you used the Nighthawk app to connect your extender, the following table lists examples of what your extended WiFi names might look like:

<table>
<thead>
<tr>
<th>Dual-band router WiFi names</th>
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<tbody>
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If you used WPS to connect your extender, the extended WiFi network name is based on the first WiFi network that it connected to—2.4 or 5 GHz. The following table lists examples of what your extended WiFi name might look like:

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WPS does not support WEP network security or a hidden WiFi network. If your router WiFi network uses WEP security or uses a hidden WiFi network, follow the instructions in Connect with the Nighthawk app.

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