

Set up static routing between the router and another network

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This article will show you how to configure Static Routing on a Linksys router to communicate with other routers.

Set up static routing on Linksys router

Step 1 : Visit the router's web-based setup page.

Step 2 : On the **Setup** page , click the **Advanced Routing** sub-tab .



Step 3 : On the **NAT** section , select **Disabled**.

Note : This step does not apply to the main router, if you want to share the Internet connection with the remaining devices on the network.

If this router is hosting your network connection to the Internet, select the router.

Step 4 : Select **Disabled** for **Dynamic Routing**.

Note : This option is not available if **NAT** is set to **Enabled** or if **Operating Mode** is **Gateway**.

Step 5 : In **Static Routing** , enter the correct values ??according to the network device information.

Be sure to enter correct information in the fields below based on the function of each item, otherwise you will receive an *"Invalid Static Route"* error message .

1. **Route Entries:** Select the number of static routes. You can set up up to 20 static routes.
2. **Enter Route Name :** Using up to 25 alphanumeric characters, enter the route name you want.
3. **Destination LAN IP :** Enter the Network ID of the remote network or host to which you want to assign a static route. (Example: Enter '192.168.1.0').
4. **Subnet Mask :** Enter the Subnet Mask of the remote network. (Example: Enter '255.255.255.0').
5. **Gateway :** Enter the WAN IP address of the remote network.

Note : You should set a static IP on the WAN side of the router for easy access.

1. **Interface:** Specify whether the destination IP address is on **LAN & Wireless** or **WAN (Internet)** .

Note : If you select **LAN & Wireless** , the static IP address you are setting will go to the router's LAN or local network. If you select WAN, the static IP address will be routed to the WAN or Internet portion of the router. However, most IP addresses come from the WAN or Internet part of the router depending on the configuration set by the Internet service provider (ISP).

Step 6 : Click the **Show Routing Table** button to see the static routes you have set up.

Step 7 : Click **Save Settings**.

You have now set up static routing. You can ping the IP addresses of computers in a remote network to check if the static route is working.

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