

The new firmware adds numerous functions to the router. To setup a Linksys router with a DSL connection you need to perform six steps:

1. Downloading the Firmware
2. Backing-Up the Router's Settings
3. Upgrading the Router's Firmware
4. Completing the Firmware Upgrade
5. Restoring the Router's Settings
6. Completing the Firmware Upgrade Process

## Downloading the Firmware

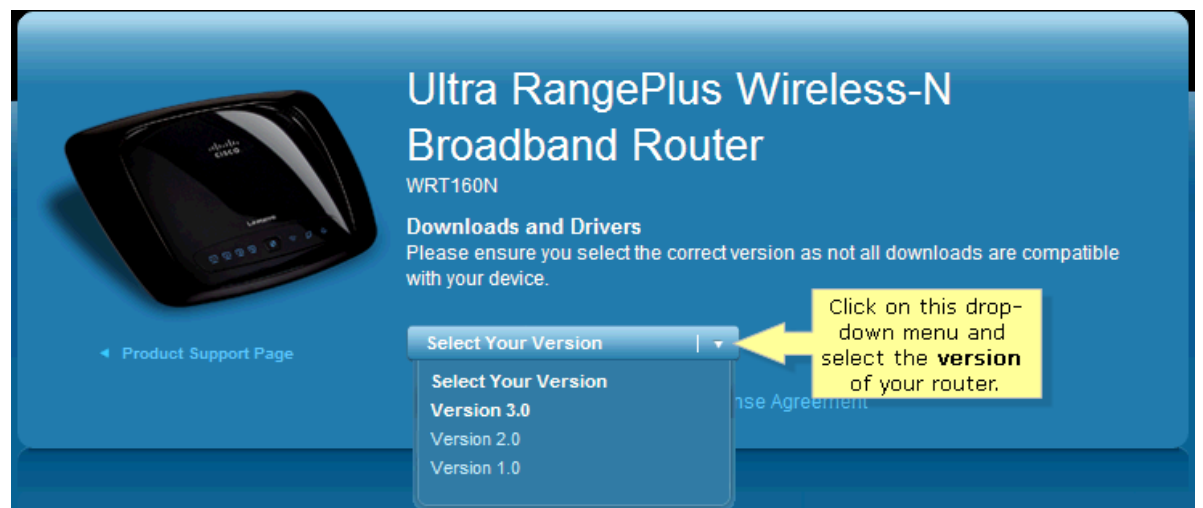
### Step 1:

Before downloading the firmware, make sure your computer has an active Internet connection. If your computer is plugged directly into the router and cannot get online, disconnect your router and plug your computer directly into your cable or DSL modem.

### Step 2:

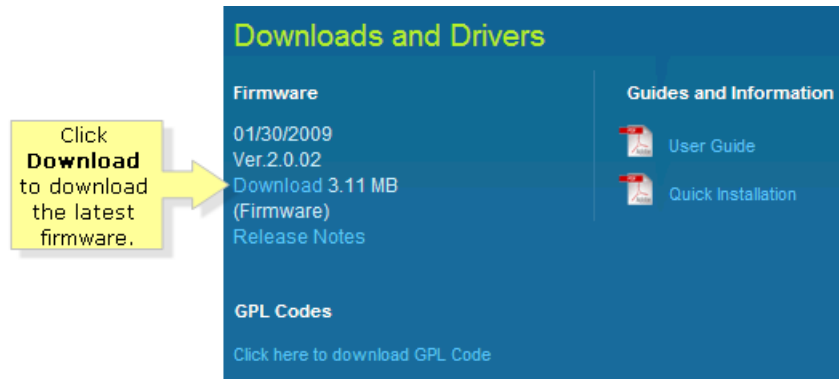
Click on the **Select Your Version** drop-down menu and select the version of your router.

**NOTE:** In this example, we used WRT160N. The image may vary depending on the model number of the Linksys product.



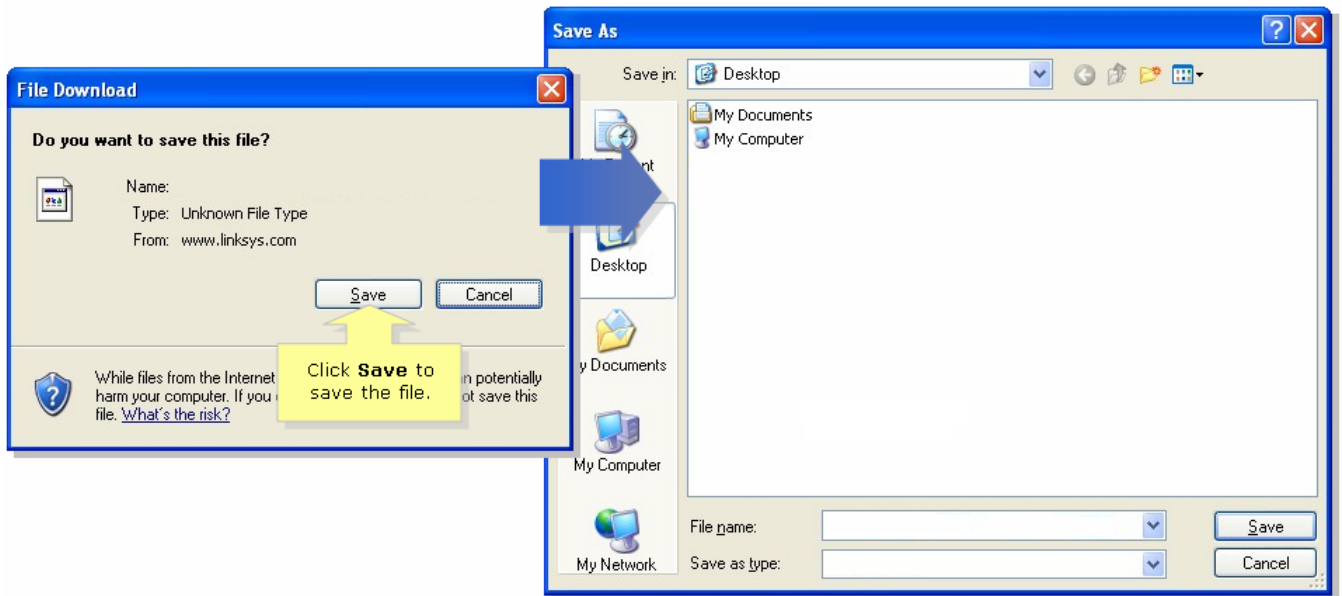
### Step 3:

Click **Download** under **Firmware** to download the latest firmware for your router.

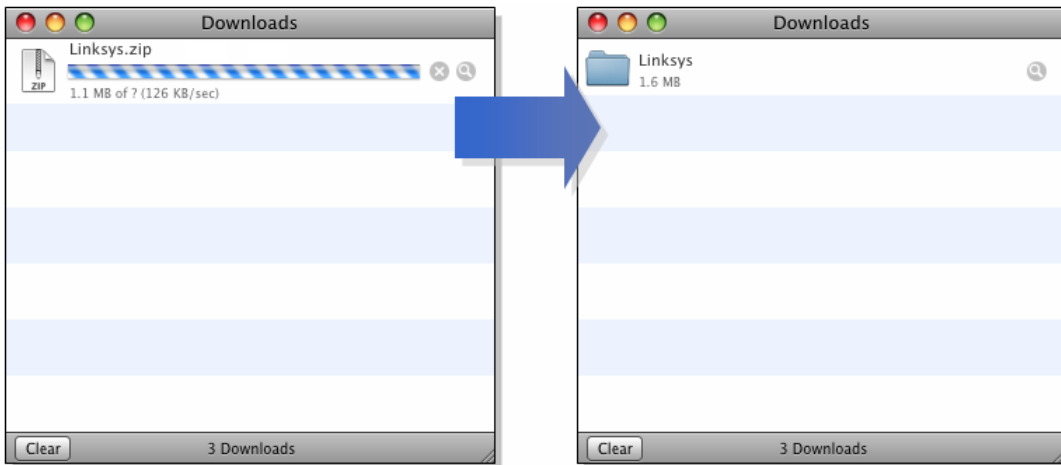


**Step 4:**

Click **Save** in the **File Download** dialog box that appears. Look for the **Save As** dialog box, choose a location for the file like the Desktop and click **Save**. When the download is complete, click **Close**, if prompted.



If you're using Mac, it will automatically download and unzip the file and save it on **Downloads** folder.

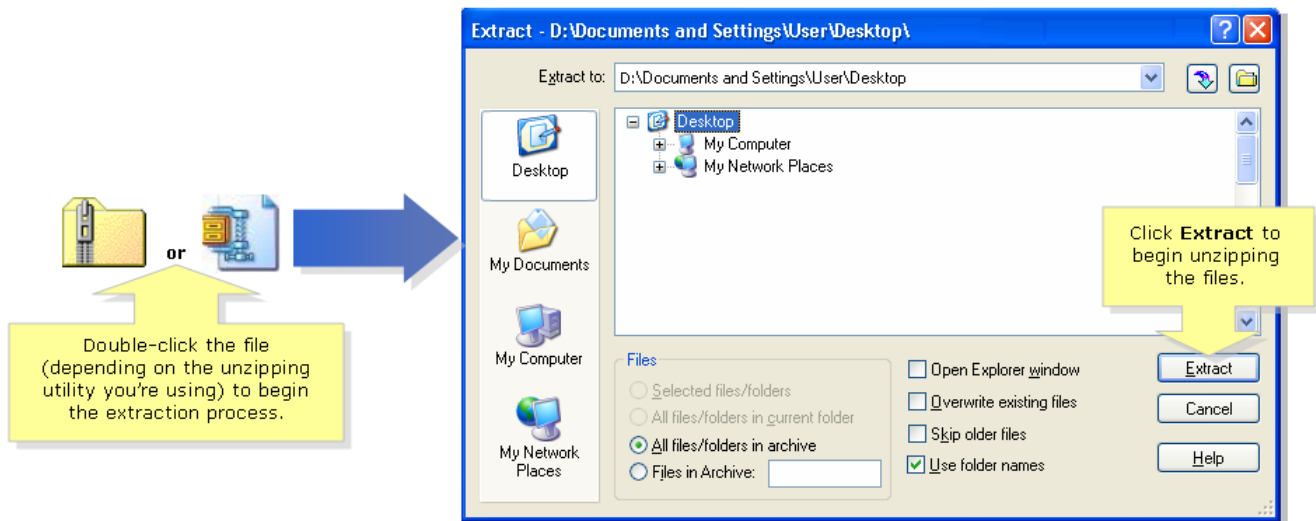


**NOTE:** The name of the file may vary depending on the firmware file of your router.

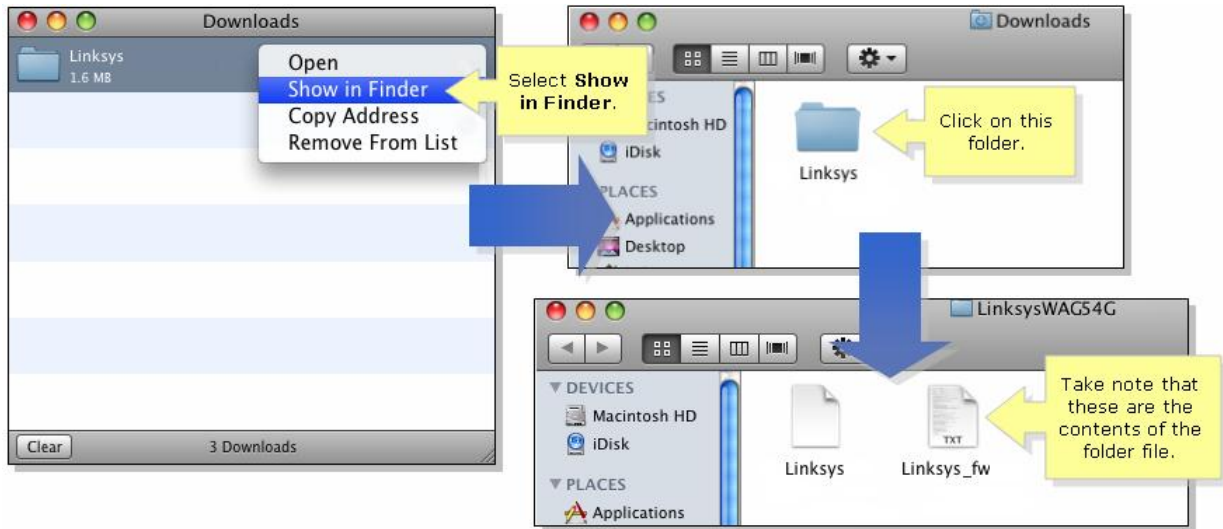
#### Step 5:

If the firmware file you have downloaded is on a zip format, double-click on the zip file and extract its contents to a single folder or to the Desktop.

**NOTE:** You will need to use a utility to open and extract files from the ZIP file archive. Popular software to use is WinZip®. To download WinZip®, visit <http://www.winzip.com>. You can also use the built-in unzipping features of Windows XP to unzip the contents from the archive.



**NOTE:** If you're using Mac, it will automatically unzip the file because Mac has a built-in unzipping utility. To view the file, click **Ctrl + [click the folder]** from the **Downloads** window, and select **Show in Finder**. This will open **Downloads** folder containing the firmware file downloaded.



## Backing-Up the Router's Settings

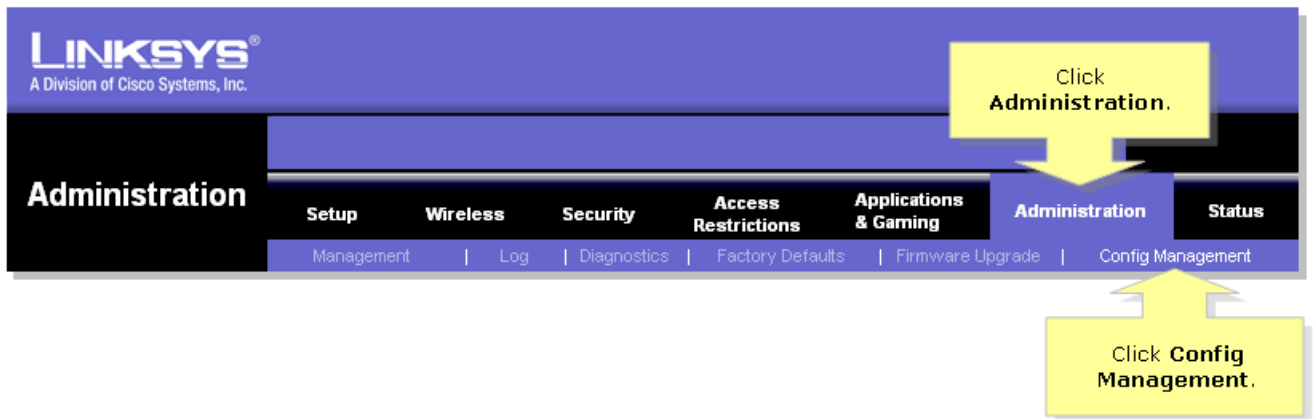
### Step 1:

Access the router's web-based setup page. For instructions, click [here](#).

**NOTE:** If you are using Mac to access the router's web-based setup page, click [here](#).

### Step 2:

When the router's web-based setup page appears, click **Administration** then **Config Management**.



**NOTE:** If your screen does not have the Config Management tab, go directly to **Upgrading the Router's Firmware**.

### Step 3:

When the **Config Management** screen appears, look for **Backup Configuration** then click **Backup**.

**LINKSYS**  
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**Administration**

Setup | Wireless | Security | Access Restrictions | Applications & Gaming | **Administration** | Status

Management | Log | Diagnostics | Factory Defaults | Firmware Upgrade | Config Management

**Backup Configuration**

**Restore Configuration**

Backup ← Click **Backup**.

Please select a file to restore :

You may backup your current configuration in case you need to reset the router back to its factory default settings.

You may click the Back up button to backup your current configuration.

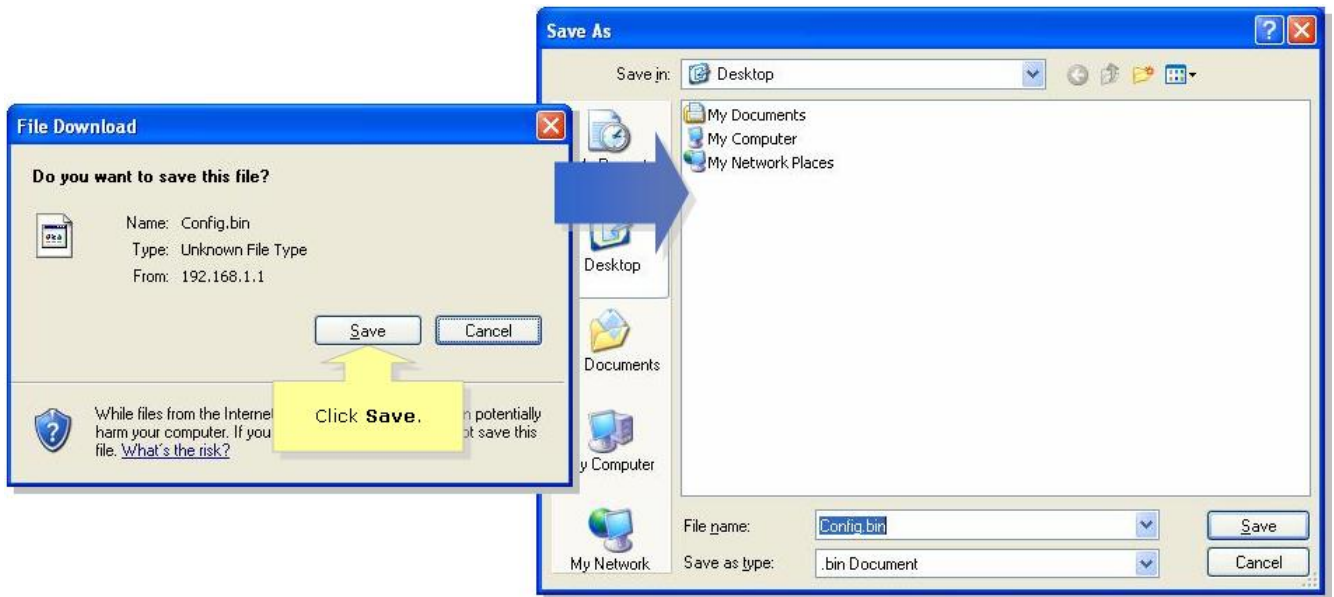
Click the Browse button to browse for a configuration file that is currently saved on your PC.

Click Restore to overwrite all current configurations with the ones in the configuration file.

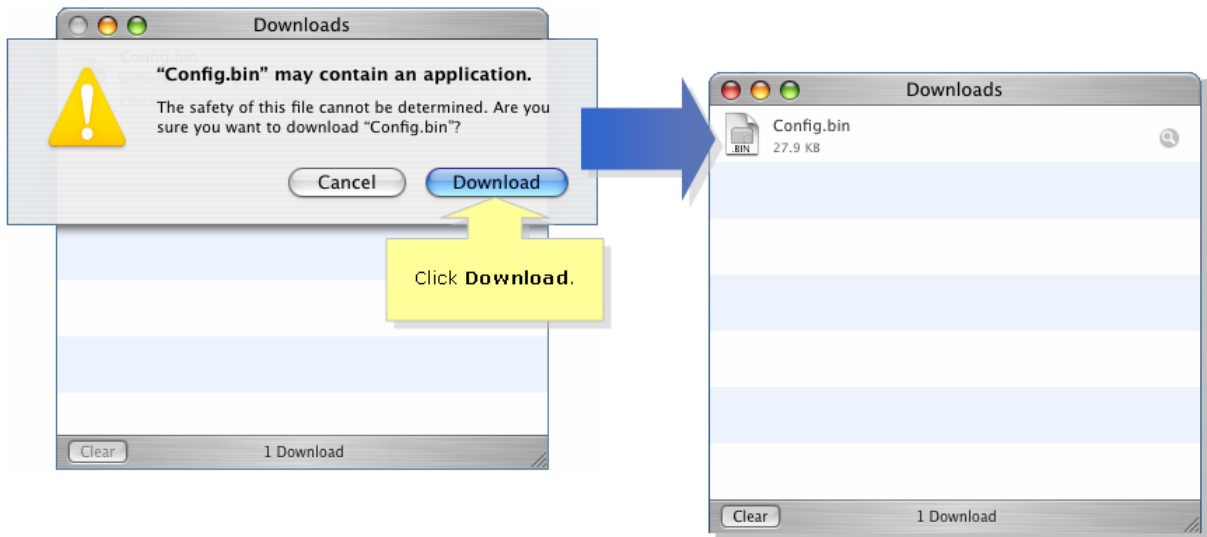
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**Step 4:**

Click **Save** in the **File Download** dialog box that appears. Look for the **Save As** dialog box, choose a location for the file like the Desktop and click **Save**. When the download is complete, click **Close**, if prompted.



If you're using Mac, click **Download**.



**NOTE:** Take note of the location where the configuration file was saved.

### Step 5:

After backing-up the router's settings it is now time to upgrade its firmware. For instructions, please follow the steps below.

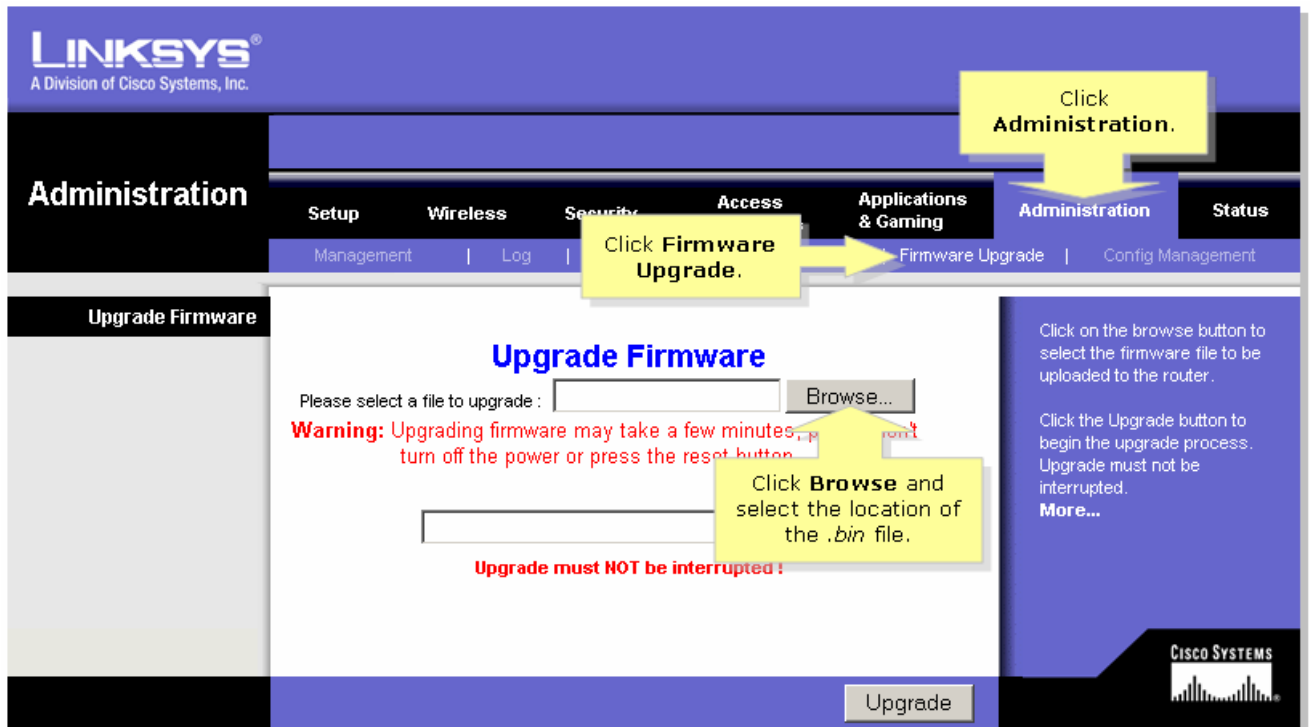
## Upgrading the Router's Firmware

### Step 1:

Go back to the router's **Administration** page and click **Firmware Upgrade**.

**Step 2:**

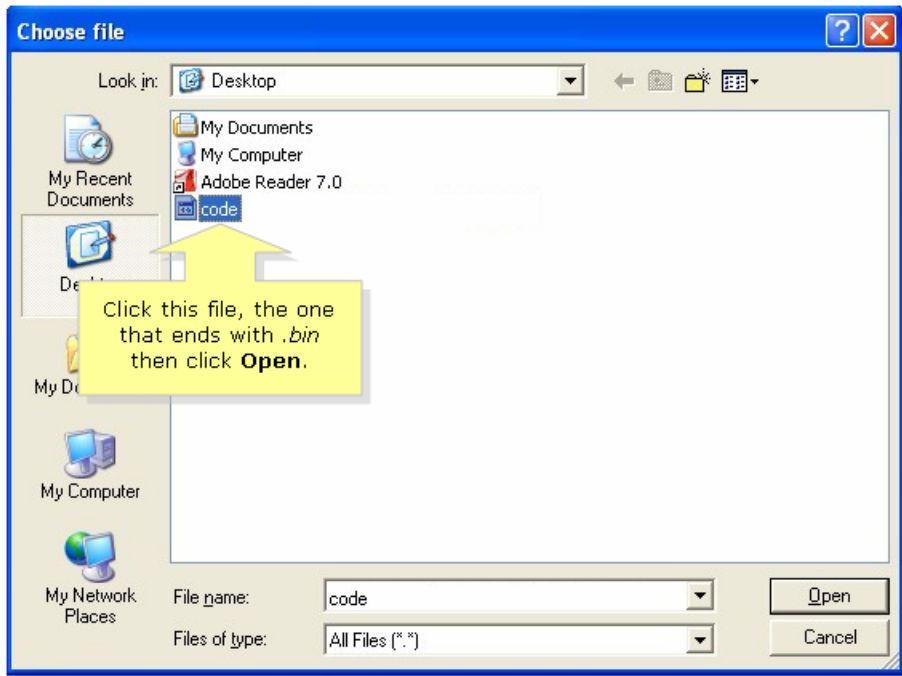
When the **Upgrade Firmware** opens, click **Browse**. Look for the *.bin* file which contains the files necessary to upgrade the router's firmware.



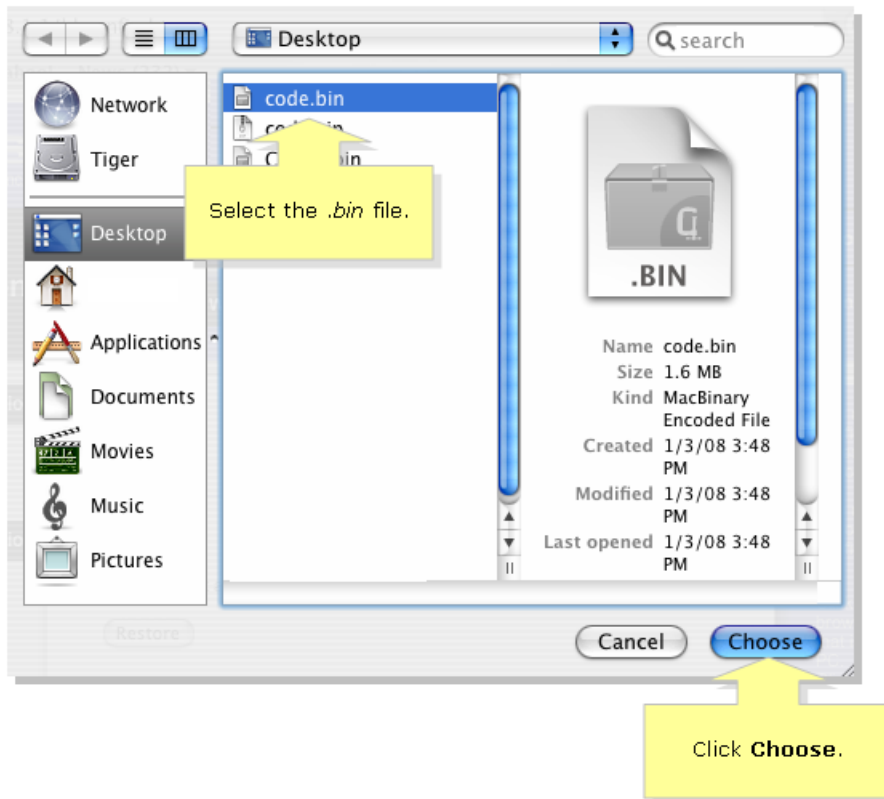
**NOTE:** If the screen on your router's web-based setup page looks different, click [here](#).

**Step 3:**

Browse to the location where the firmware files were extracted and select the *.bin* file. When the file is selected, click **Open**.



If you're using Mac, select the `.bin` file then click **Choose**.





**Step 4:**

Click .

**Step 5:**

When the upgrade is complete, the following message will appear.



**Step 6:**

Click .

**NOTE:** If the upgrading process failed, do the following:

1. Ensure the firmware is appropriate for your device. For instructions, click [here](#).
2. Hard reset the router. For instructions, click [here](#).
3. Upgrade again the router's firmware. For instructions, click [here](#).

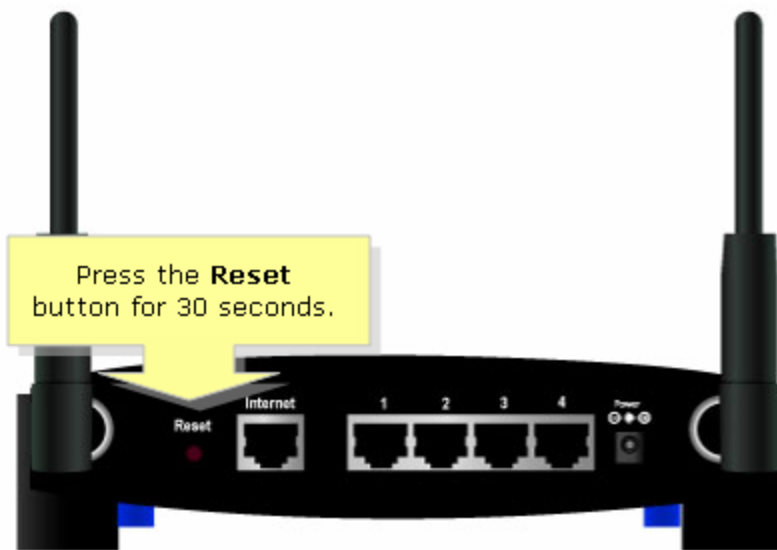
**Completing the Firmware Upgrade**

**Step 1:**

Close **Internet Explorer** or **Safari**.

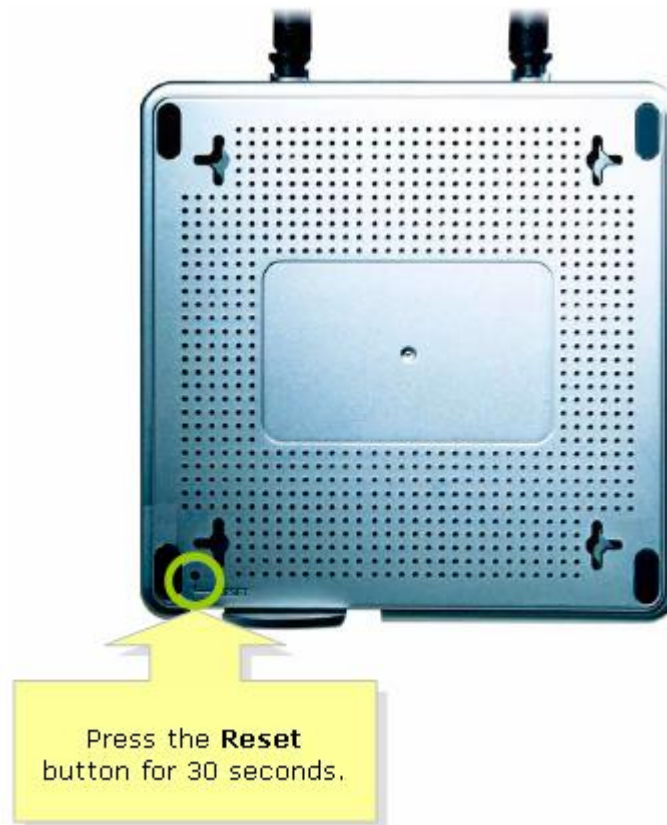
**Step 2:**

Reset the router. For instructions, click [here](#).

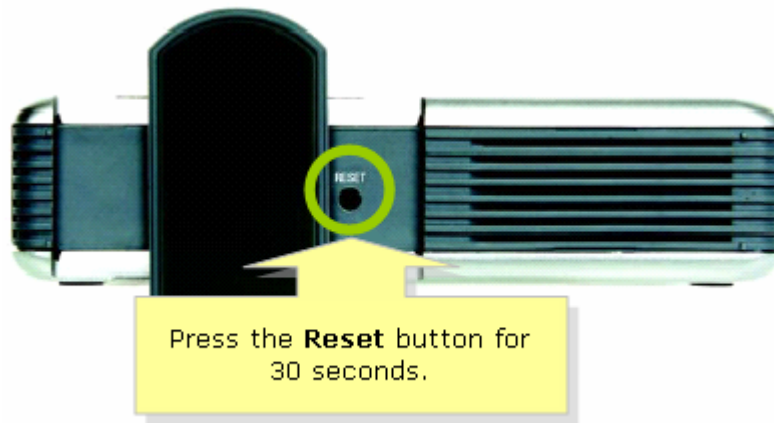


**Figure 1:** Location of the **Reset** button of a Linksys BEFW11S4 router.

**NOTE:** If your router does not look like this, refer to the other images below:



**Figure 2:** Location of the **Reset** button of a Linksys WRT54GX router.



**Figure 3:** Location of the **Reset** button of a Linksys WRT54GC router.

**NOTE:** If the image of your router is different from the ones shown above, please consult your router documentation.

**Step 3:**

After resetting the router, restore the router settings. For instructions, please follow the steps below.

**Restoring the Router's Settings**

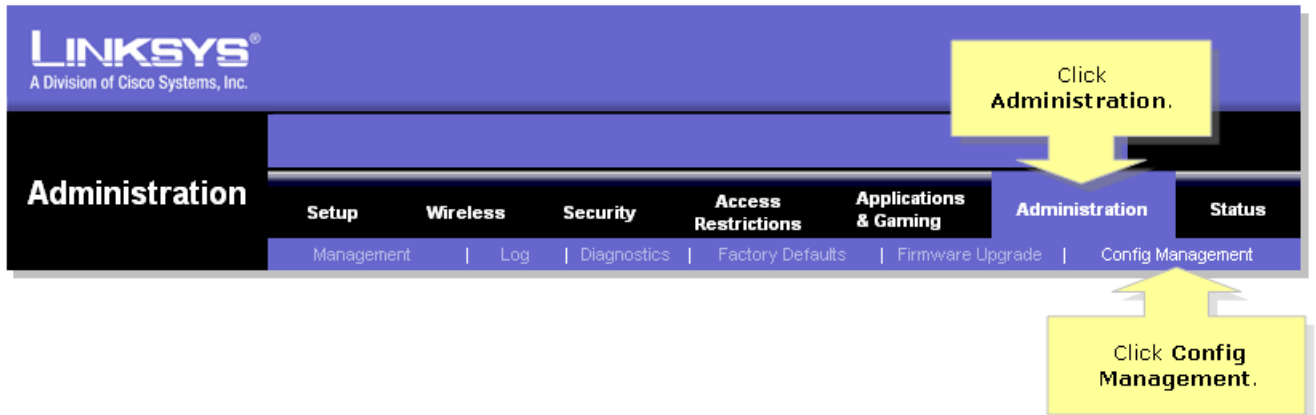
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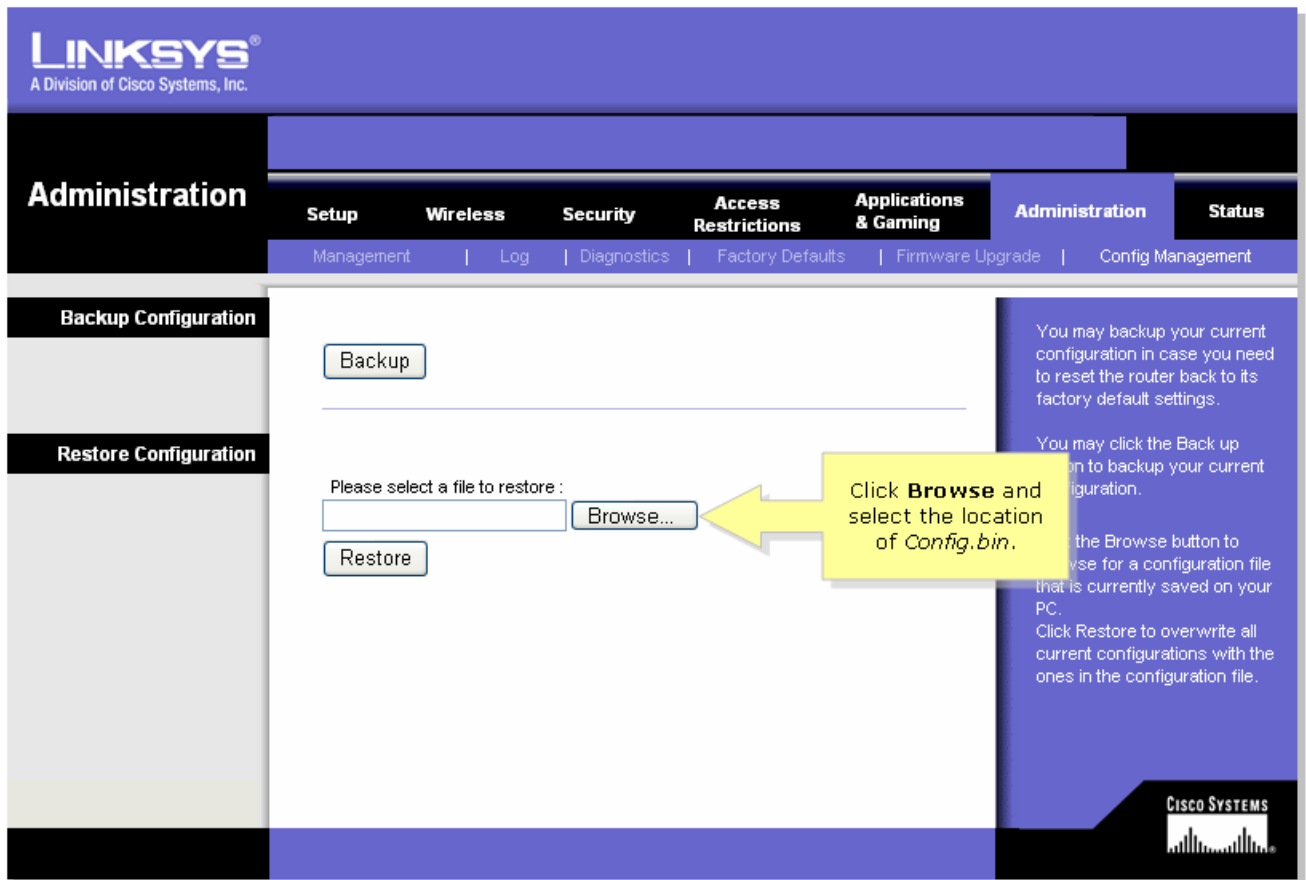
**Step 2:**

When the router's web-based setup page appears, click **Administration** then **Config Management**.



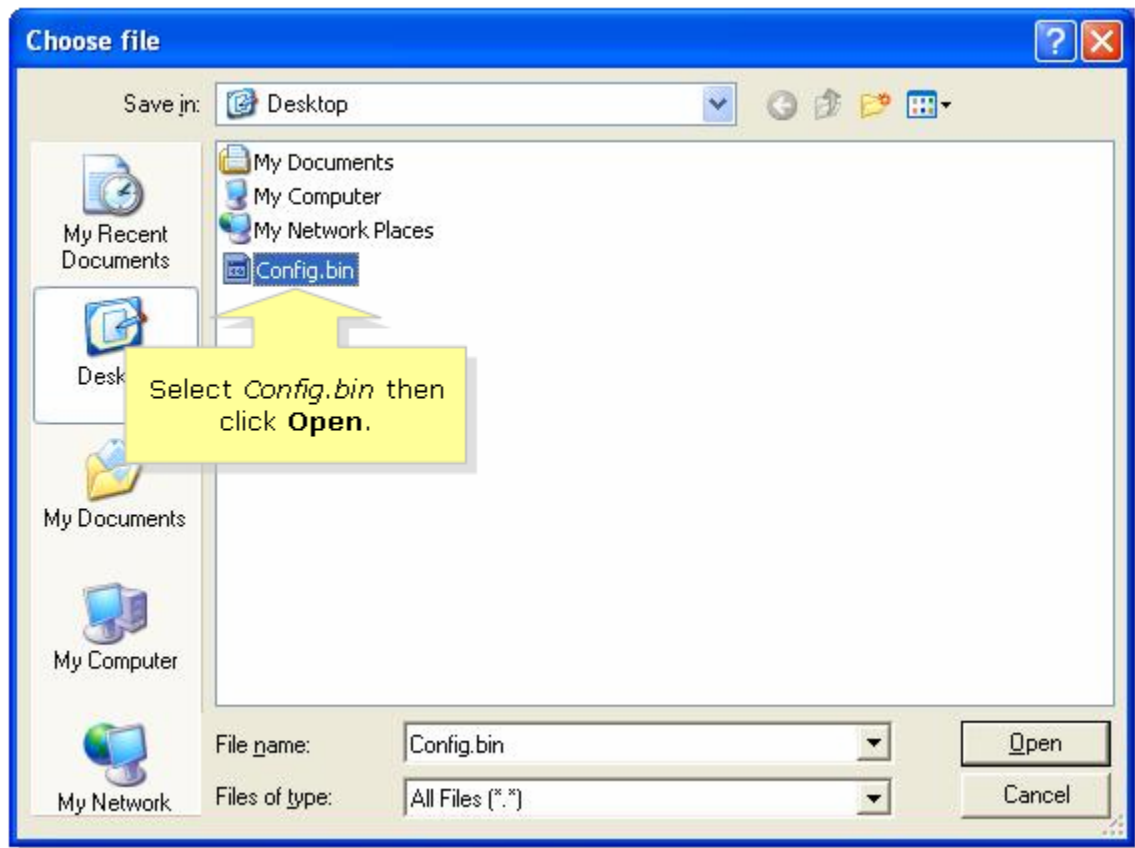
**Step 3:**

When the **Config Management** screen appears, look for **Restore Configuration** then click **Browse**.

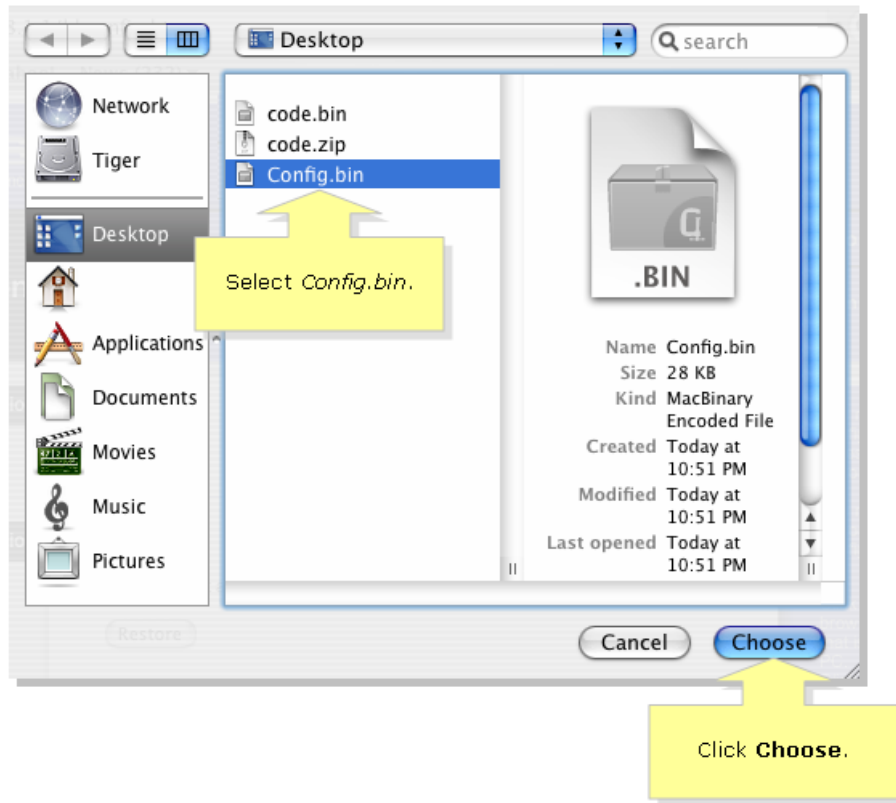


**Step 4:**

Browse to the location where the configuration file was saved and select the *Config.bin* file. When the file is selected, click **Open**.



If you're using Mac, select *Config.bin* then click **Choose**.



**Step 5:**  
Click **Restore**.

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**Backup Configuration**

Backup

**Restore Configuration**

Please select a file to restore :

Browse...

Restore

Click **Restore**.

You may backup your current configuration in case you need to reset the router back to its factory default settings.

You may click the Back up button to backup your current configuration.

Click the Browse button to browse for a configuration file that is currently saved on your PC.

Click Restore to overwrite all current configurations with the ones in the configuration file.

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### Completing the Firmware Upgrade Process

The firmware upgrade is now complete.