

Router Firmware Upgrade

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Linksys

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Valet

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Firmware updates are regularly posted on the Cisco website. These updates may include bug fixes and functionality enhancements to the router. If you are experiencing problems with your router, you may upgrade or re-flash the firmware to fix them.

IMPORTANT: Before proceeding with the upgrade, your computer must have an active Internet connection. It is strongly recommended that you use a wired computer when upgrading the router's firmware.

It is also important for you to determine the model number of your router to identify which set of instructions will be suitable for your concern. For instructions on getting your router's model number, click [here](#). Below is the list of wired and wireless routers with their corresponding firmware file format:

Model Number	Product Description	Format	Section
BEFSR11	EtherFast® Cable/DSL Router	.bin	Linksys

BEFSR41	EtherFast® Cable/DSL Router with 4-Port Switch	v4.3 - .zip v4.2 - .bin v4.1 - .bin v4.0 - .bin v3.0 - .bin v2.0 - .bin v1.0 - .bin	Dealing with a Zipped File Format Linksys
BEFSR41W	EtherFast® Cable/DSL Wireless Ready Router with 4-port Switch	.zip	Dealing with a Zipped File Format
BEFSR81	EtherFast® Cable/DSL Router with 8-Port Switch	.bin	Linksys
BEFSRU31	EtherFast® Cable/DSL Router with USB and 3-Port Switch	.bin	Linksys
BEFSX41	Instant Broadband EtherFast® Cable/DSL Firewall Router with 4 Port-Switch/VPN EndPoint	.bin	Linksys
BEFVP41	EtherFast® Cable/DSL vPN Router with 4 Port 10/100 Switch	v2.1 - .bin v2.0 - .bin v1.0 - .zip	Linksys Dealing with a Zipped File Format
BEFW11P1	EtherFast ® Wireless AP + Cable/DSL Router w/PrintServer	.zip	Dealing with a Zipped File Format
BEFW11S4	Wireless-B Broadband Router	v4.0 - .bin v3.2 - .bin v3.0 - .bin v2.0 - .bin v1.0 - .zip	Linksys Dealing with a Zipped File Format
E1000	Wireless-N Router	.bin	Linksys
E1200	Wireless-N Router	.bin	Linksys
E1500	Wireless-N Router with SpeedBoost	.bin	Linksys
E2000	Advanced Wireless-N Router	.bin	Linksys
E2100L	Advanced Wireless-N Router	.bin	Linksys
E2500	Advanced Dual-Band N Router	.bin	Linksys
E3000	High Performance Wireless-N Router	.bin	Linksys
E3200	High Performance Dual-Band N Router	.bin	Linksys
E4200	Maximum Performance Wireless-N	.bin	Linksys
EFROU44	EtherFast® 4-Port 10/100 Analog Router	No Firmware download available	
HR200	Home Wireless-G Router	No Firmware download available	
M10	Valet	.bin	Valet
M20	Valet Plus	.bin	Valet
RT042	Broadband Router with QoS	.rmt	Linksys

RT41-BU	Wired Broadband Router	.bin	Linksys
WMR200N	MoCA Router (WMR200N)	.bin	Linksys
WRH54G	Wireless-G Home Router	.zip	Dealing with a Zipped File Format
WRK54G	Wireless-G Broadband Router	.bin	Linksys
WRT100	RangePlus Wireless Router	.bin	Linksys
WRT110	RangePlus Wireless Router	.bin	Linksys
WRT120N	Wireless-N Home Router	.bin	Linksys
WRT150N	Wireless-N Home Router	v1.0 - .bin v1.1 - .zip	Linksys Dealing with a Zipped File Format
WRT160N	Ultra RangePlus Wireless-N Broadband Router	.bin	Linksys
WRT160NL	Wireless-N Broadband Router with Storage Link	.bin	Linksys
WRT300N	Wireless-N Broadband Router	.bin	Linksys
WRT310N	Wireless-N Gigabit Router	.bin	Linksys
WRT320N	Dual-Band Wireless-N Gigabit Router	.bin	Linksys
WRT330N	Wireless-N Gigabit Gaming Router	.bin	Linksys
WRT350N	Wireless-N Gigabit Router with Storage Link	v1 - .bin v2 - .zip	Linksys Dealing with a Zipped File Format
WRT400N	Simultaneous Dual-Band Wireless-N	.bin	Linksys
WRT51AB	Dual-Band Wireless A+B Broadband	No Firmware download available	
WRT54AG	Dual-Band Wireless A/G Broadband Router	.trx	Linksys
WRT54G	Wireless-G Broadband Router	v1.0 - .zip v1.1 - .zip v2.0 - .zip v2.2 - .zip v3.0 - .zip v3.1 - .zip v4.0 - .zip v5.0 - .bin v6.0 - .bin v8.0 - .bin v8.1 - .bin v8.2 - .bin	Dealing with a Zipped File Format Linksys
WRT54G2	Wireless-G Broadband Router	.bin	Linksys
WRT54G3G	Wireless-G Broadband Router	No Firmware download available	
WRT54G3G-AT	Wireless-G Router for 3G/UMTS Broadband	.bin	Linksys
WRT54G3G-ST	Wireless-G Router for 3G/UMTS Broadband	.bin	Linksys

WRT54G3Gv2-ST	Wireless-G Router for 3G/UMTS Broadband	.bin	Linksys
WRT54G3Gv2-vF	Wireless-G Router for Mobile	No Firmware download available	
WRT54G3G-vN	Wireless-G Router for 3G/UMTS Broadband	.bin	Linksys
WRT54GC	Wireless-G Router for 3G/UMTS Broadband	.zip	Dealing with a Zipped File Format
WRT54GH	Wireless-G Broadband Router with SRX400	No Firmware download available	
WRT54GL	Compact Wireless-G Broadband Router	v1.0 - .zip v1.1 - .bin	Dealing with a Zipped File Format Linksys
WRT54GR	Wireless-G Broadband Router with 2 Phone Ports	.bin	Linksys
WRT54GS	Wireless-G Broadband Router with RangeBooster™	.bin	Linksys
WRT54GS2	Wireless-G Broadband Router with SpeedBooster™	.bin	Linksys
WRT54GX	Wireless-G Broadband Router with SpeedBooster™	.bix	Linksys
WRT54GX2	Wireless-G Broadband Router with SRX	.bix	Linksys
WRT54GX4	Wireless-G Broadband Router with SRX200	.bix	Linksys
WRT55AG	Wireless-G Home Router with SpeedBurst	v1.0 - .zip v2.0 - .fim	Dealing with a Zipped File Format Linksys
WRT600N	Dual Band Wireless A+G BroadBand Router	.bin	Linksys
WRT610N	Dual-Band Wireless-N Gigabit Router with Storage Link	.bin	Linksys
WRTSL54GS	Wireless-G Broadband Router with 2 Phone Ports	.bin	Linksys
WRTU54G-TM	Wireless-G Media Storage Link Router with 2 Phone Ports	.bin	Linksys
WTR54GS	Wireless Signal Booster	.zip	Dealing with a Zipped File Format

LINKSYS



Checking the firmware version of your router

Step 1:

Access the router's web-based setup page. To do this, launch a web browser such as **Internet Explorer** or **Safari**. Enter your router's **IP Address** on the address bar, then press **[Enter]**. When the login prompt appears, enter your router's **User name** and **Password**.

NOTE: The default IP Address of Linksys routers is "192.168.1.1". For instructions on how to check the IP address of your router, click [here](#).

IMPORTANT: The default User name and Password is "admin" but if you have used Cisco Connect to set up your router, you may have to open the software to retrieve them. To retrieve your router User name and Password through Cisco Connect, go to **Router Settings > Advanced Settings**.

Step 2:

On the router's **Setup** page, check the upper right corner of the screen for the firmware version.

This is the router's current **Firmware Version**.

Firmware Version: 1.0.00

Linksys E4200 E4200

Wireless Security Storage Access Restrictions Applications & Gaming Administration Status

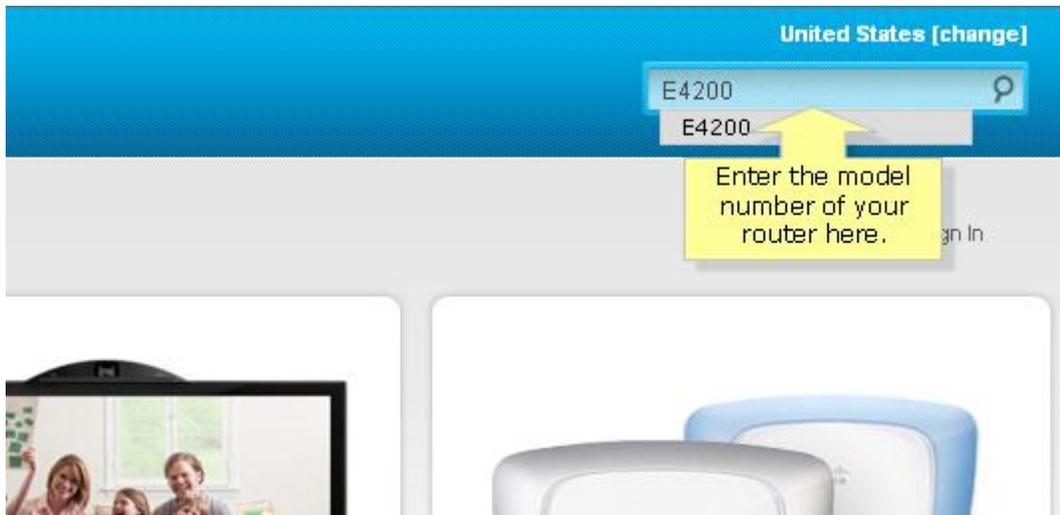
Downloading the firmware

Step 1:

Go to the [Cisco HomeSupport](#) page.

Step 2:

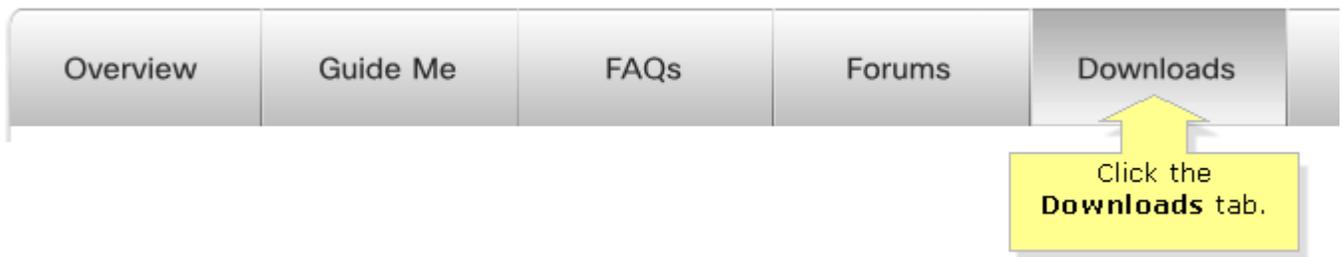
In the **Search Support** box, enter the model number of your router then press **[Enter]**. For instructions on getting your router's model number, click [here](#).



NOTE: In this example, we used the E4200.

Step 3:

Once the page opens, click the **Downloads** tab.



Step 4:

Click the drop-down arrow and select the correct version of your router. To learn how to check the hardware version, click [here](#).

Downloads

Please ensure you select the correct hardware version as not all downloads are compatible with your device.

Free Software notice for certain products, click [here](#).

Version 1.0
Select Hardware Version
Version 1.0
License Agreement

Click the drop-down arrow and select your hardware version.

Step 5:

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

NOTE: If the current firmware version of your router matches the one found online, upgrading is not necessary.

Firmware

03/07/2011

Ver.1.0.01 (Build 10)

[Download](#) 9.11 MB

(Firmware)

[Release Notes](#)

Click **Download.**

Guides and Information



[Data Sheet \(English\)](#)



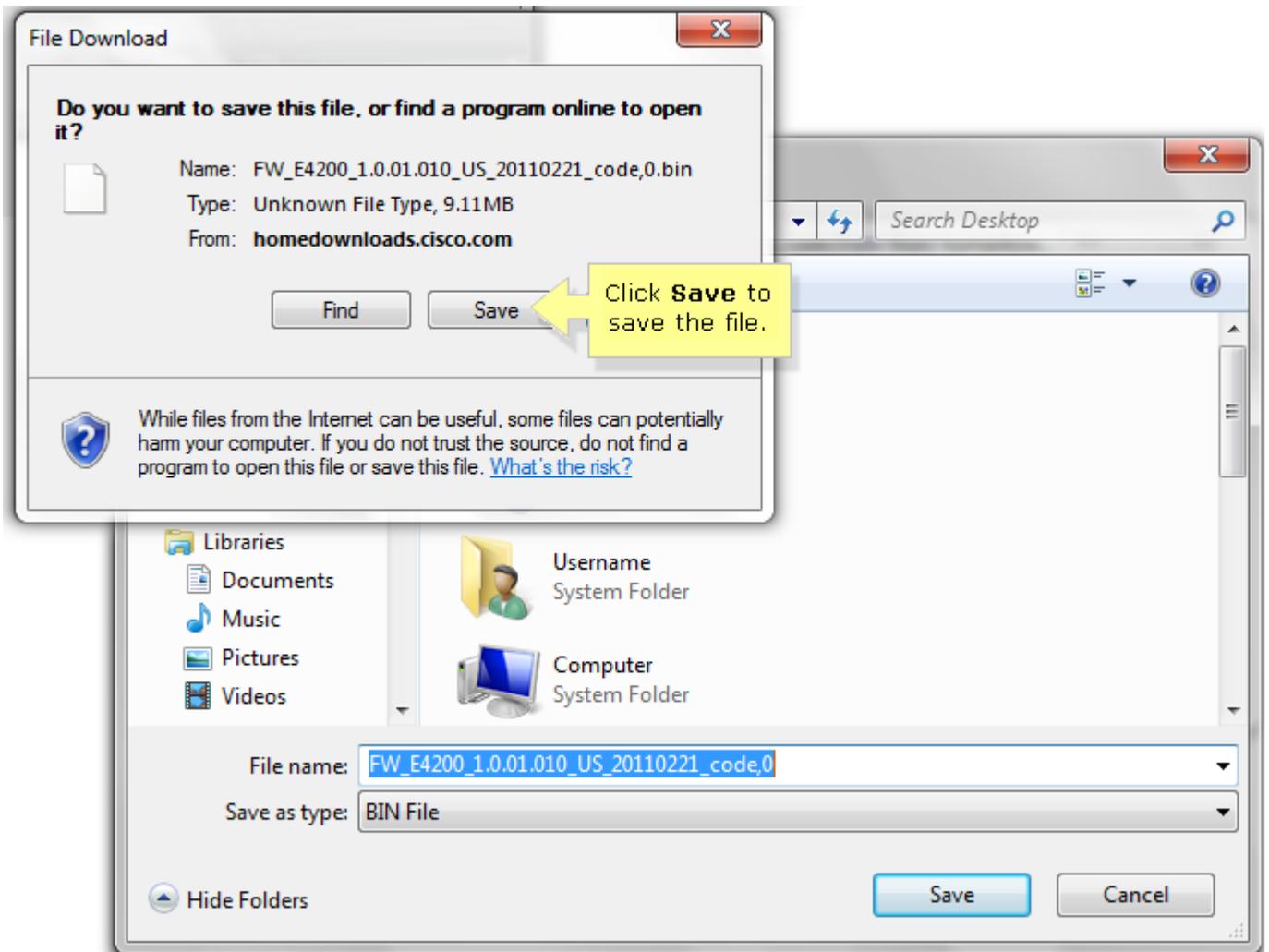
[Cisco Connect User Guide \(English\)](#)



[User Guide \(English\)](#)

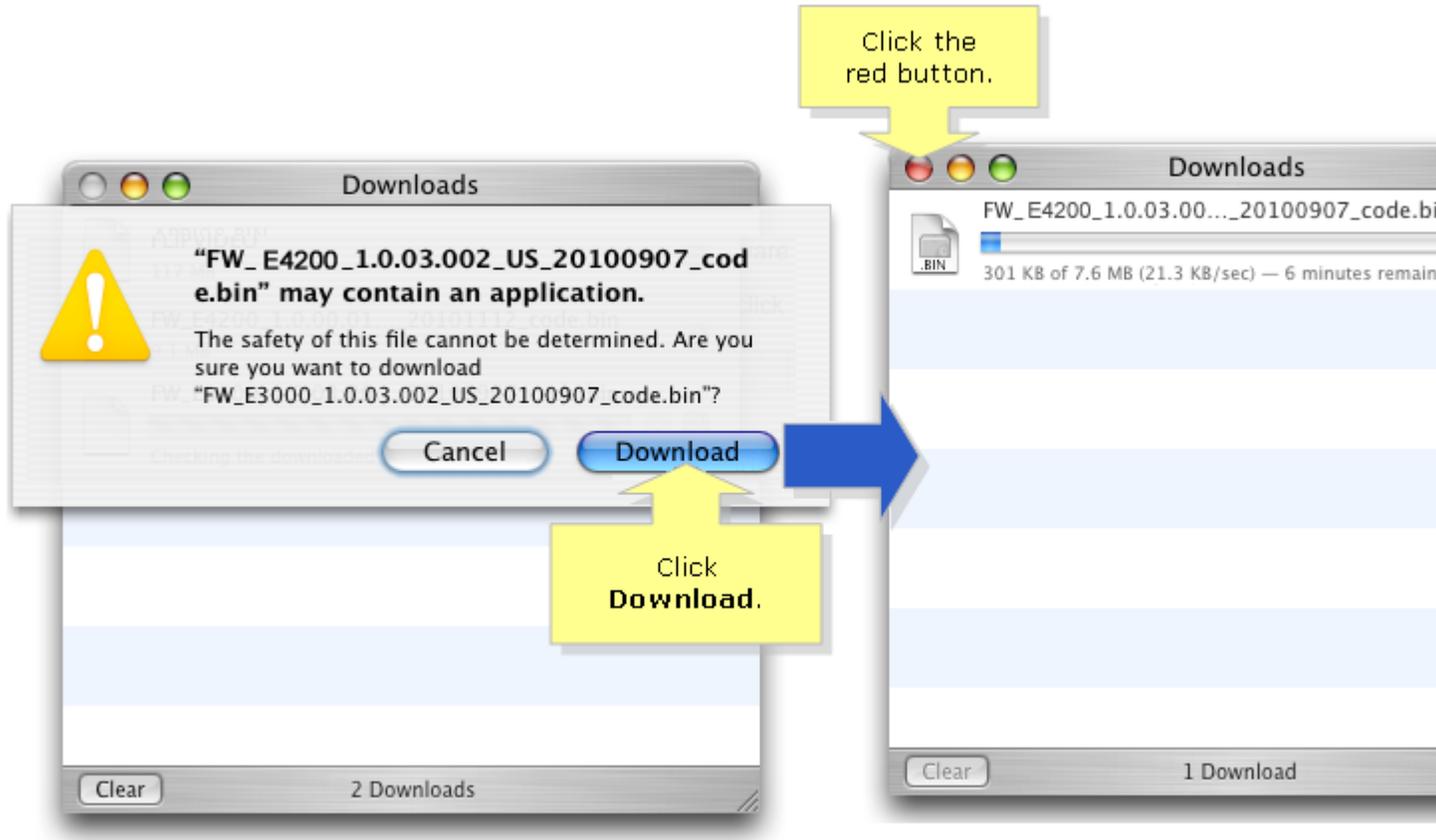
Step 6:

Click **Save** in the **File Download** dialog box that appears, choose an accessible directory such as the **Desktop** and click **Save**. Once the download is complete, click **Close**, if prompted.



NOTE: Image may vary depending on the operating system of your computer.

If you're using a Mac computer, click **Download** in the dialogue box that appears. When the download has been completed, click the **red button** to close the window.



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

Taking note of your current settings

After upgrading the router's firmware, a reset needs to be done which will require you to reconfigure your settings from scratch. Be sure to note down important settings before resetting the router and use it as basis for reconfiguring the router later.

NOTE: You can use the back-up and restore configuration feature of your router before resetting so as not to go through the whole process of reconfiguration. However, firmware upgrades sometimes include added functionalities which might mess up the settings once restored from a backup. In case this happens, you might have to manually reconfigure the router.

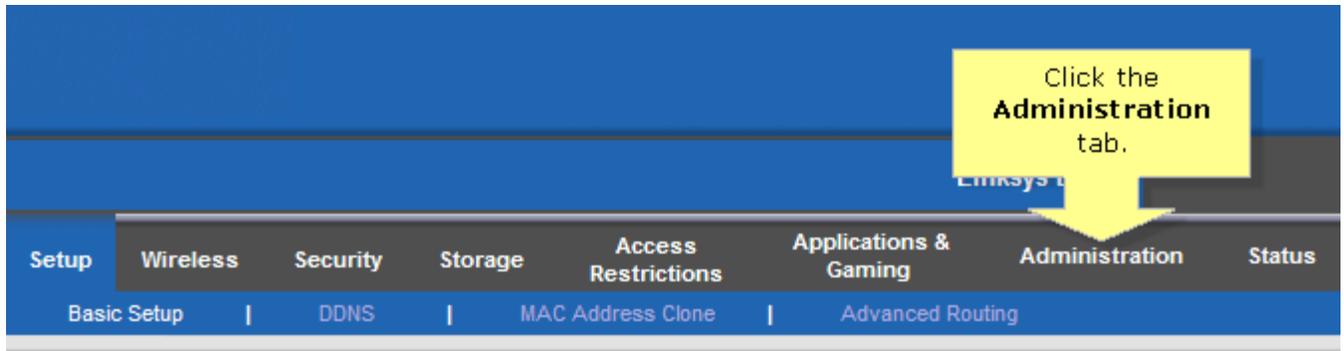
Performing the Upgrade

Step 1:

Access the router's web-based setup page.

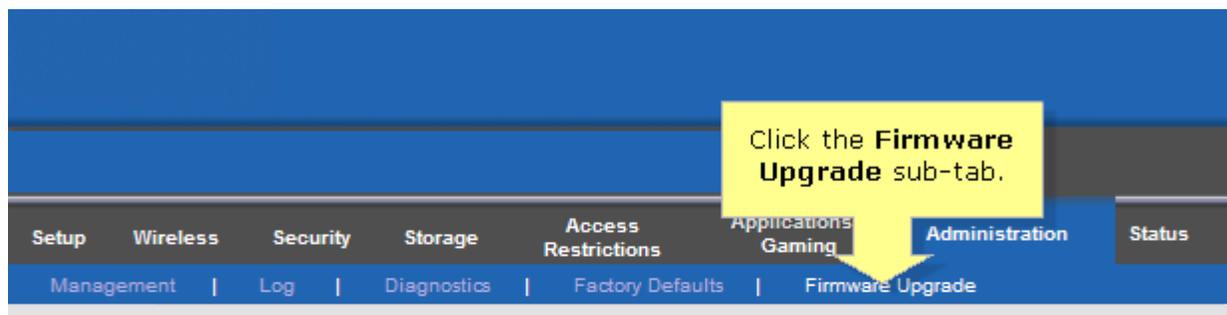
Step 2:

Click the **Administration** tab.



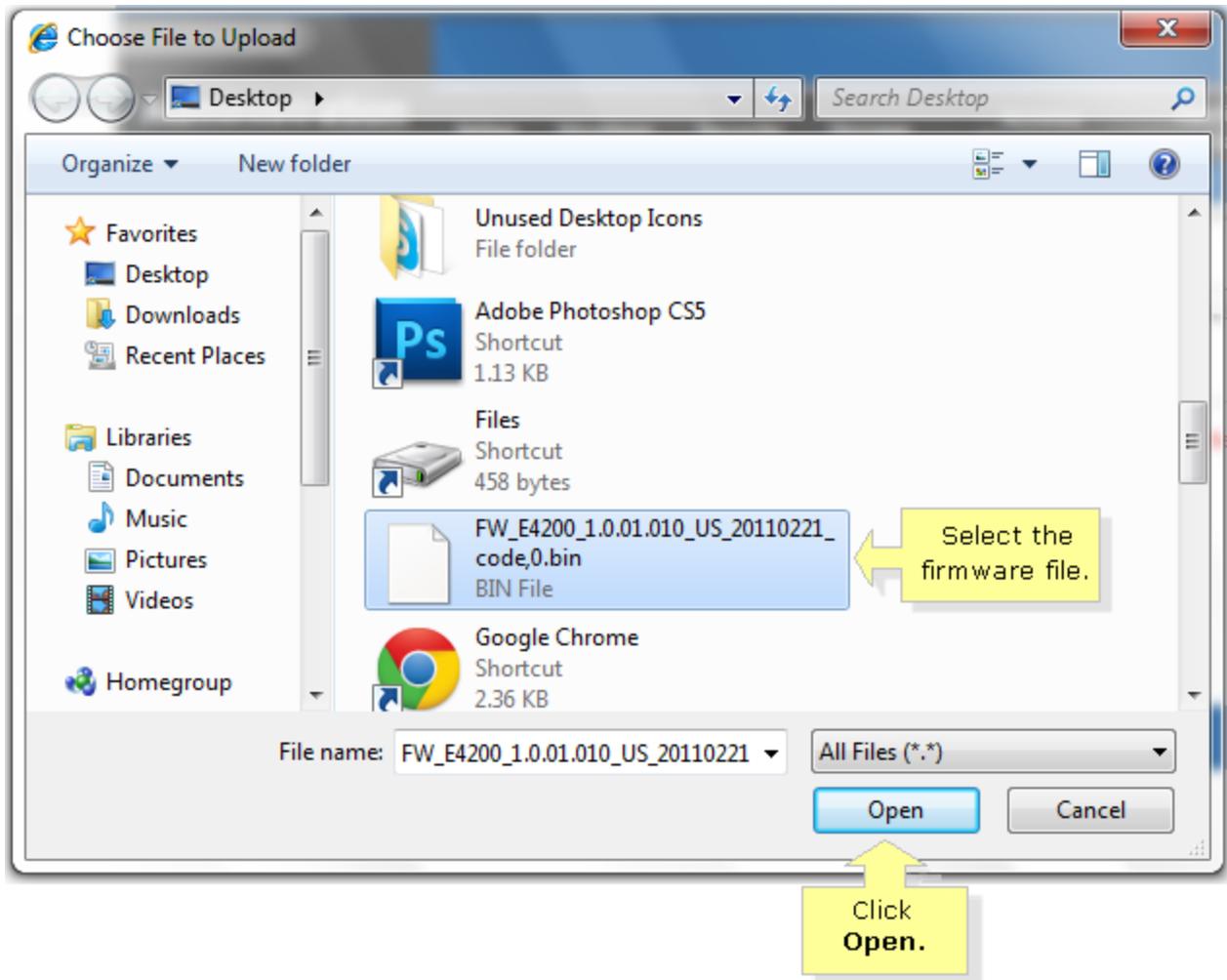
Step 3:

Click the **Firmware Upgrade** sub-tab then click the **Browse** button.

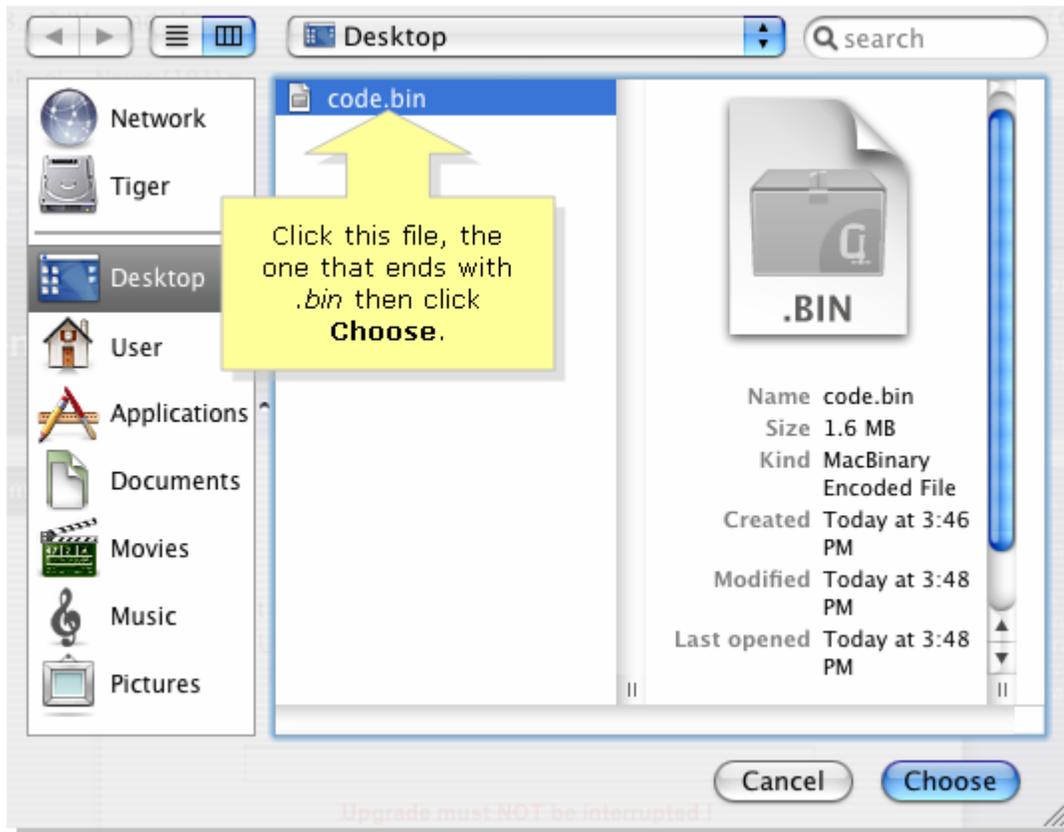


Step 4:

Locate the firmware then click **Open**.

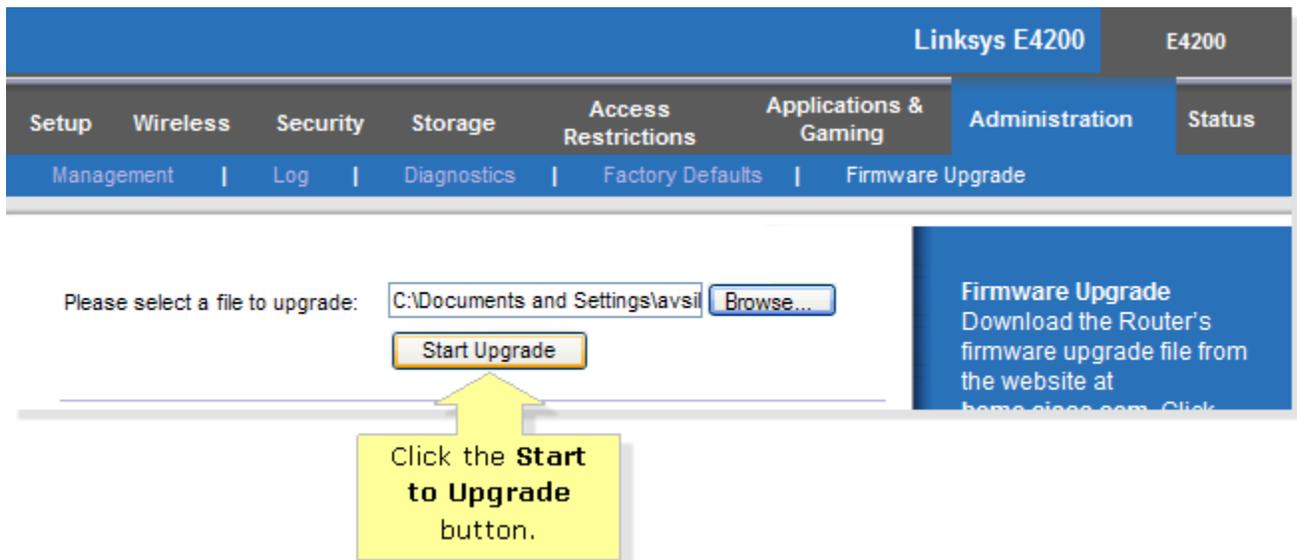


Refer to the following image for Mac OS:



Step 5:

Click the **Start Upgrade** button.



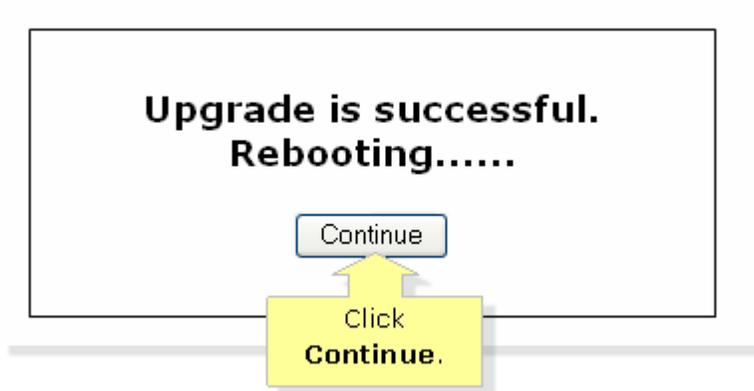
Warning: Upgrading firmware may take a few minutes; please don't turn off the power or press the reset button.



Upgrade must NOT be interrupted!!

Step 6:

Once the upgrade is complete, the following message will appear. Click on **Continue**.



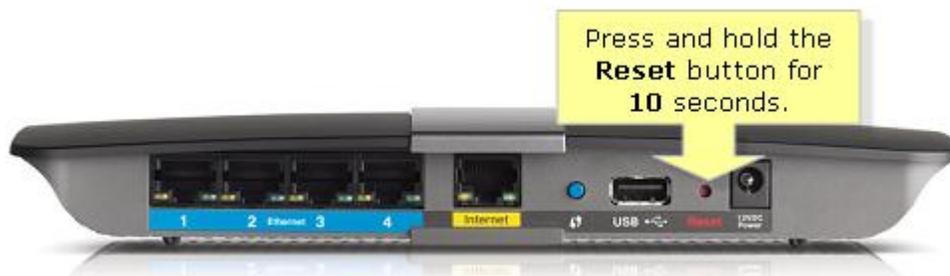
Completing the firmware upgrade

Step 1:

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

Step 2:

Press and hold the **Reset** button of your router for **10** seconds.



NOTE: If the image of your router is different from the one shown above, consult your router documentation for the location of the reset button. For older routers (WRT series), you may need to hold the reset button up to **30** seconds or until the power LED blinks.

Step 3:

Powercycle the router. To do this, unplug the power cord and wait **10** seconds before plugging it back in.

The firmware upgrade process is now complete.

VALET



Checking the firmware version of your router

Step 1:

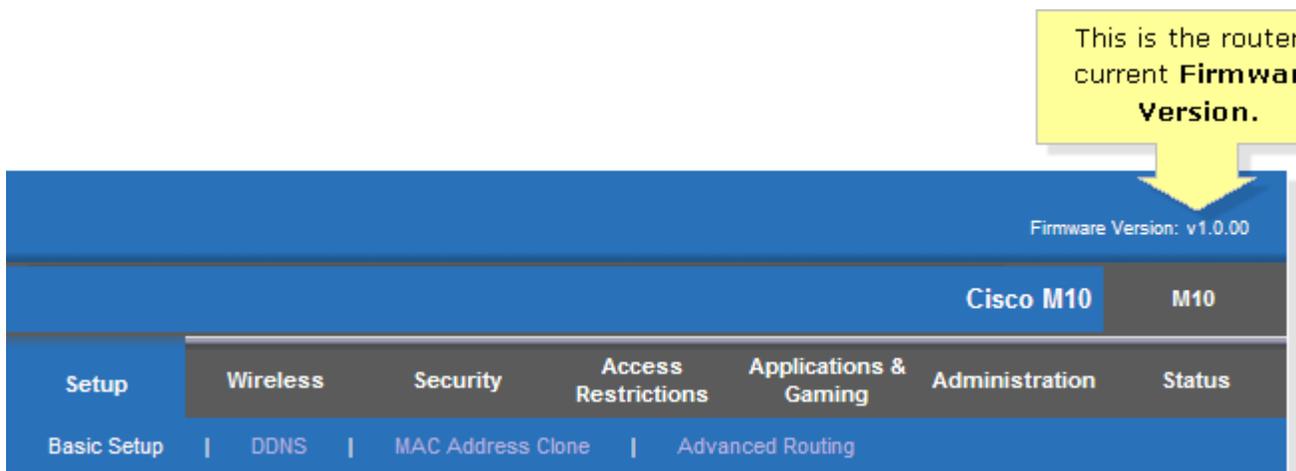
Access the Hotspot's web-based setup page. To do this, launch a web browser such as **Internet Explorer** or **Safari**. Enter your hotspot's **IP Address** on the address bar, then press **[Enter]**. Once the login prompt appears, enter your router's **User name** and **Password**.

NOTE: The default IP Address of Linksys routers is "192.168.1.1". To view instructions on how to check the IP address of your router, click [here](#).

IMPORTANT: The default User name and Password is "admin" but if you have used Cisco Connect to set up your router, you may have to open the software to retrieve them. To retrieve your router User name and Password through Cisco Connect, go to **Valet Settings > Advanced Settings**.

Step 2:

Once you have the setup page open, check the upper right corner of the screen for the firmware version.



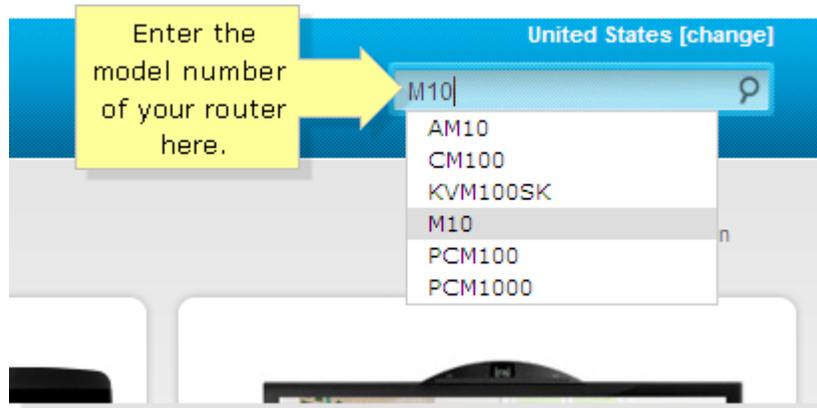
Downloading the firmware

Step 1:

Go to the [Cisco HomeSupport](#) page.

Step 2:

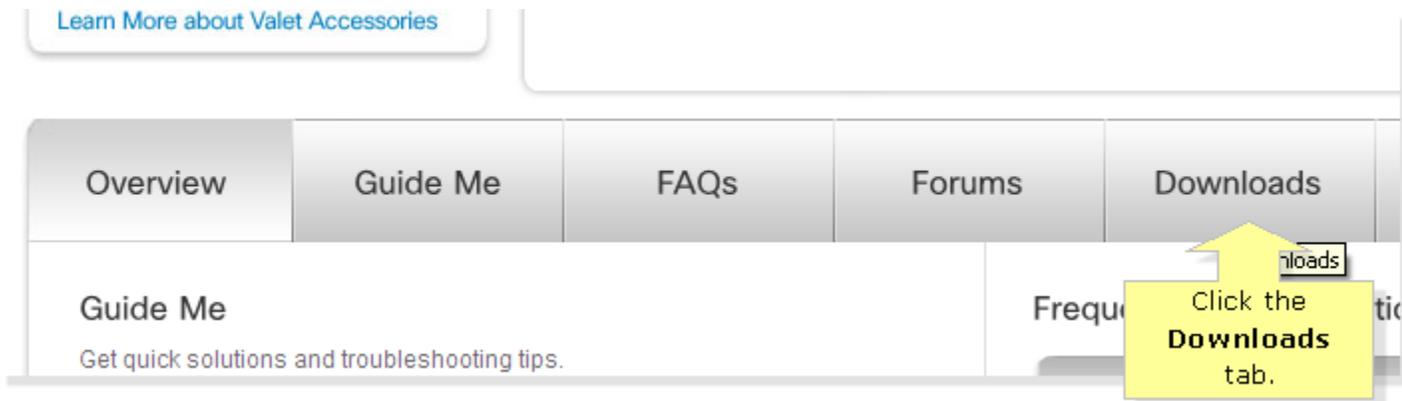
In the **Search Support** box, enter the model number of your hotspot then press **[Enter]**. For instructions on getting your hotspot's model number, click [here](#).



NOTE: In this example, we used the M10 Valet Hotspot.

Step 3:

Once the page opens, click the **Downloads** tab.



Step 4:

Click the drop-down arrow and select the correct version of your hotspot. To learn how to check the hardware version, click [here](#).

Overview Guide Me FAQs Forums Downloads

Downloads

Please ensure you select the correct hardware version as not all downloads are compatible with your device.

Free Software notice for certain products, click [here](#).

Select Hardware Version [Where's my model number](#)

- Select Hardware Version
- Version 2.0
- Version 1.0**

Click the drop-down arrow then select the **Hardware Version**.

Step 5:

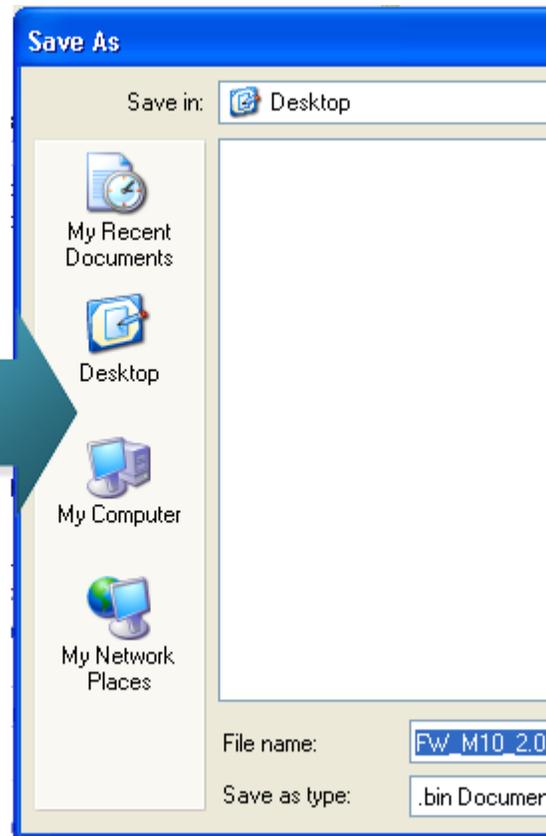
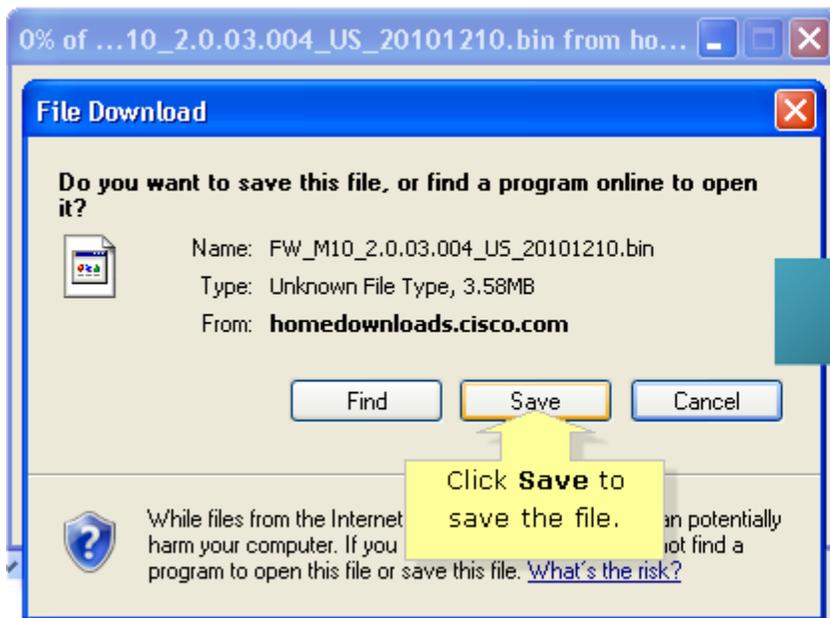
Click **Download** under **Firmware** to download the latest firmware of your hotspot.

Firmware
01/14/2011
Ver.2.0.03 (build 4)
Download **Click Download.**
(Firmware)
[Release Notes](#)

NOTE: If the current firmware version of your hotspot matches the one found online, upgrading is not necessary.

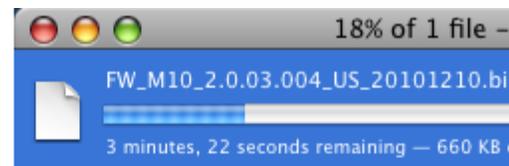
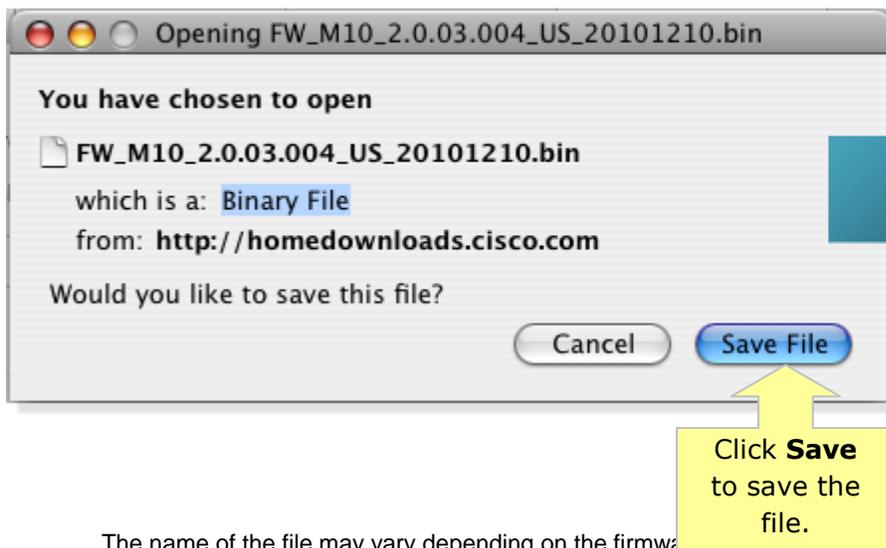
Step 6:

Click **Save** in the **File Download** dialog box that appears, choose an accessible directory such as the **Desktop** and click **Save**. Once the download is complete, click **Close**, if prompted.



NOTE: Image may vary depending on the operating system of your computer.

If you're using a Mac computer, click **Download** in the dialogue box that appears. Once the download has been completed, click the red button to close the window.



The name of the file may vary depending on the firmwa

Taking note of your current settings

After upgrading the hotspot's firmware, a reset needs to be done which will require you to reconfigure your settings from scratch. Be sure to note down important settings before resetting the hotspot and use it as basis for reconfiguring the router later.

NOTE: You can use the back-up and restore configuration feature of your hotspot before resetting so as not to go through the whole process of reconfiguration. However, firmware upgrades sometimes include added functionalities which might mess up the settings once restored from a backup. In case this happens, you might have to manually reconfigure the hotspot.

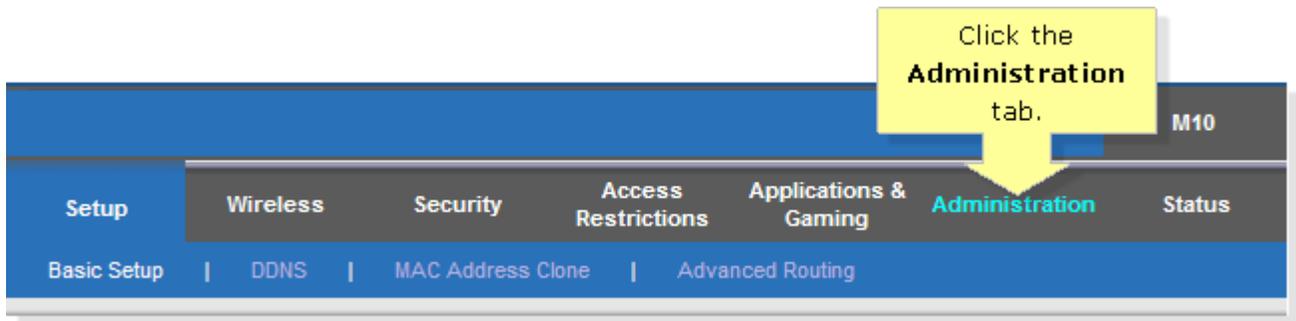
Performing the Upgrade

Step 1:

Access the hotspot's web-based setup page.

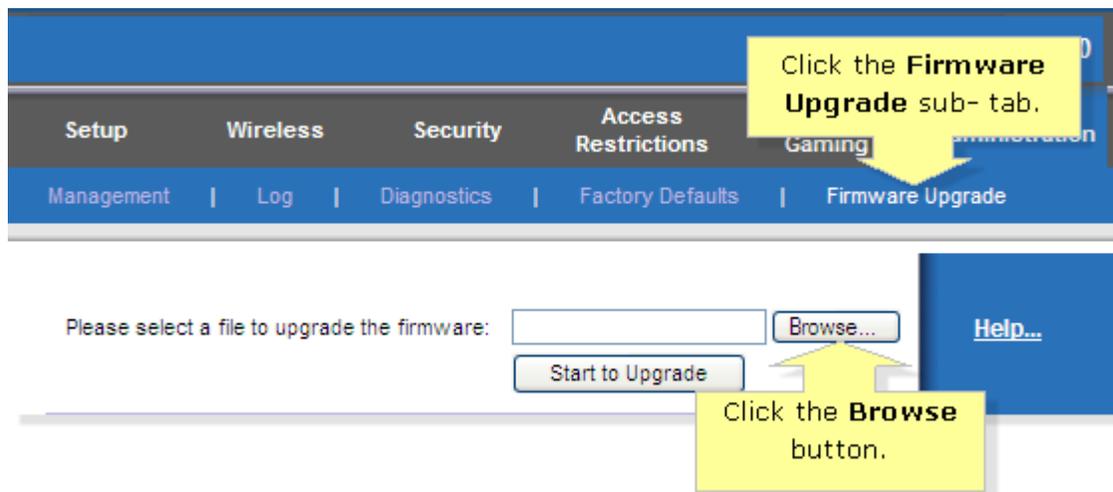
Step 2:

Click the **Administration** tab.



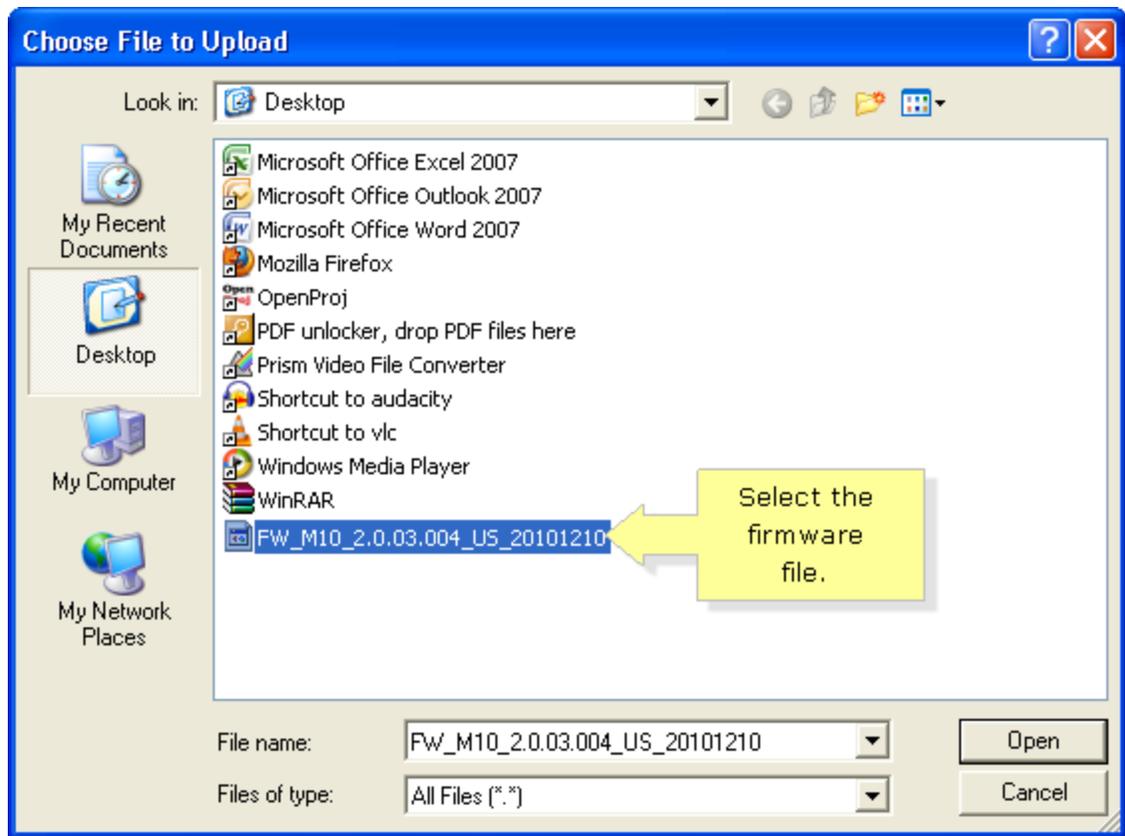
Step 3:

Click the **Firmware Upgrade** sub-tab then click the **Browse** button.

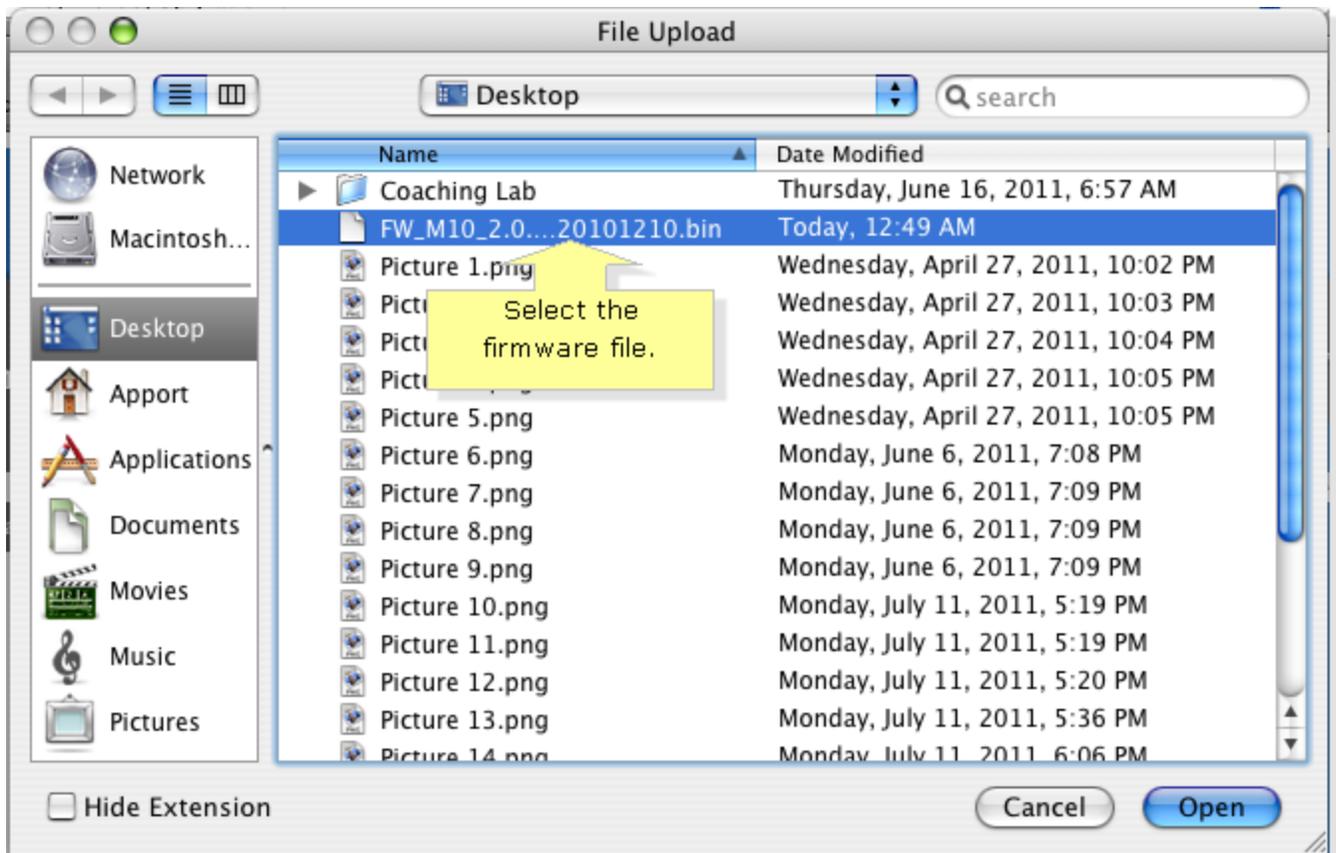


Step 4:

Locate the firmware then click **Open**.

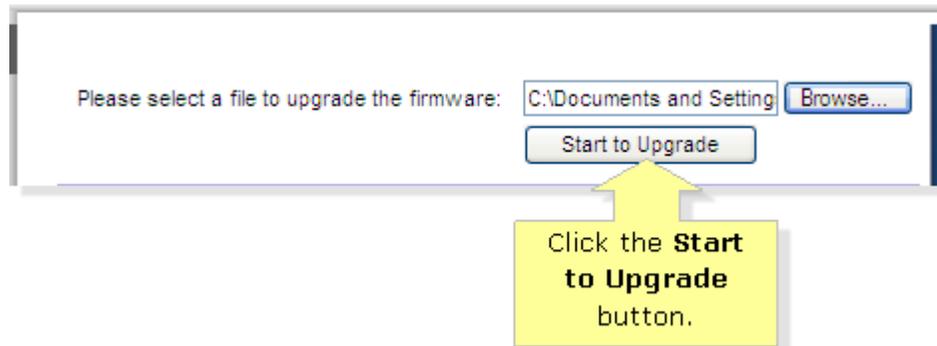


Refer to the following image for Mac OS:



Step 5:

Click the **Start Upgrade** button.



Step 6:

Once the upgrade is complete, the following message will appear. Click on **Continue**.



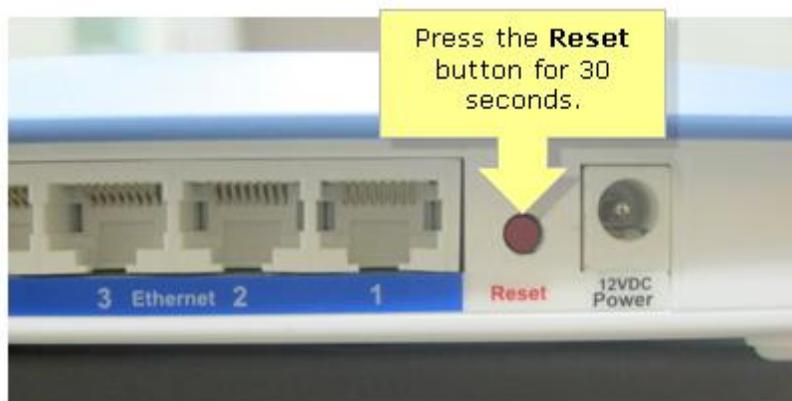
Completing the firmware upgrade

Step 1:

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

Step 2:

Press and hold the **Reset** button of your hotspot for **30** seconds.



Step 3:

Powercycle the hotspot. To do this, unplug the power cord and wait **30** seconds before plugging it back in.

The firmware upgrade process is now complete.

DEALING WITH A ZIPPED FILE FORMAT

For older Linksys routers, the downloadable firmware format is usually in a zipped file form.



Checking the firmware version of your router

Step 1:

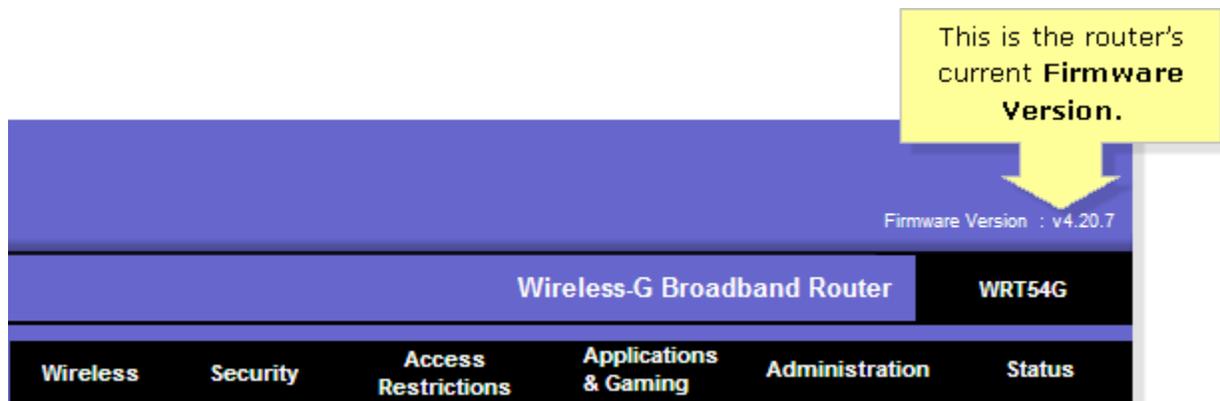
Access the router's web-based setup page. To do this, launch a web browser such as **Internet Explorer** or **Safari**. Enter your router's **IP Address** on the address bar, then press **[Enter]**. When the login prompt appears, enter your router's **User name** and **Password**.

NOTE: The default IP Address of Linksys routers is "192.168.1.1". To view instructions on how to check the IP address of your router, click [here](#).

IMPORTANT: The default User name and Password is "admin".

Step 2:

On the router's web-based setup page, check the upper right corner of the screen for the firmware version.



NOTE: The web-based setup page may look different depending on the model of your router.

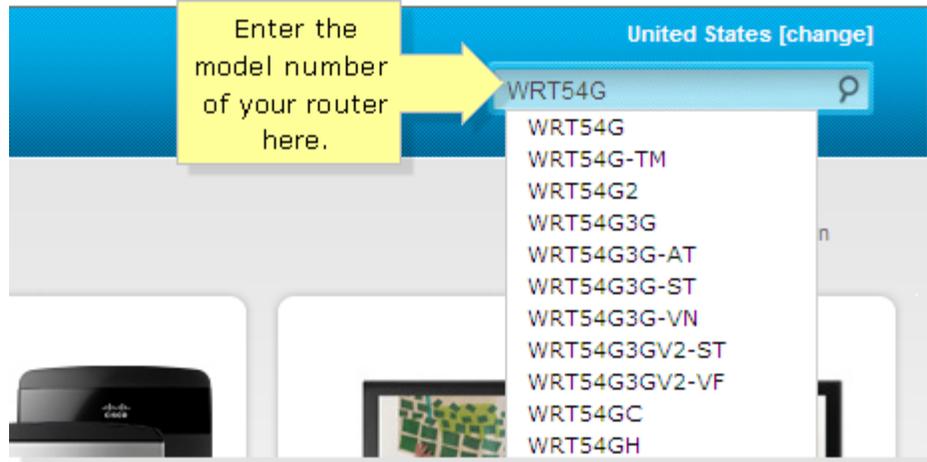
Downloading the firmware

Step 1:

Go to the [Cisco HomeSupport](#) page.

Step 2:

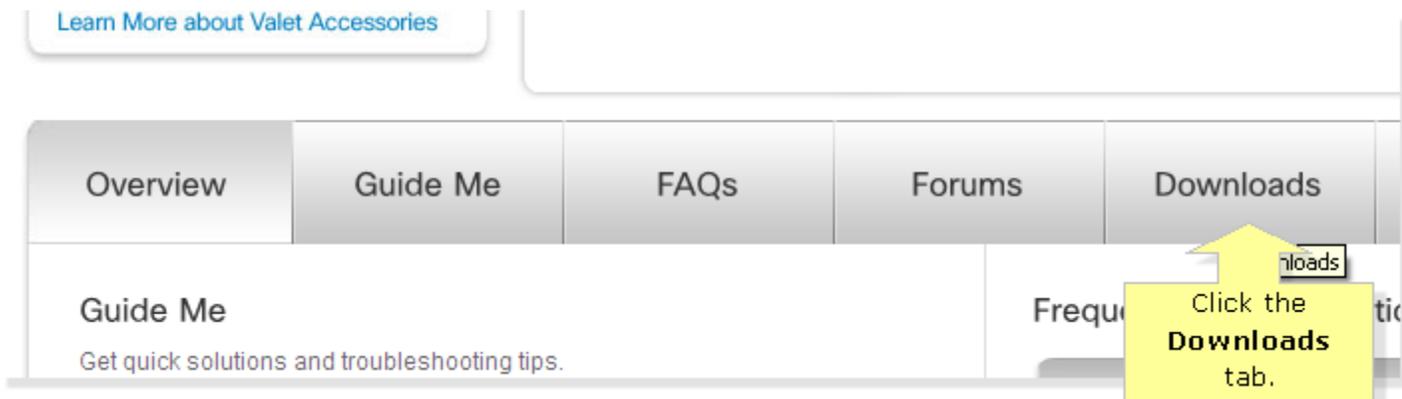
In the **Search Support** box, enter the model number of your router then press **[Enter]**. For instructions on getting your router's model number, click [here](#).



NOTE: In this example, we used the WRT54G.

Step 3:

Once the page opens, click the **Downloads** tab.



Step 4:

Click the drop-down arrow and select the correct version of your router. To learn how to check the hardware version, click [here](#).

Downloads

Please ensure you select the correct hardware version as not all downloads are compatible with your device.

Free Software notice for certain products, click [here](#).

Select Hardware Version [Where's my model number](#)

- Select Hardware Version
- Version 8.2
- Version 8.1
- Version 8.0
- Version 6.0
- Version 5.0
- Version 4.0**
- Version 3.1
- Version 3.0
- Version 2.2
- Version 2.0
- Version 1.1
- Version 1.0

Click the drop-down arrow then select the **Hardware Version**.

Step 5:

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

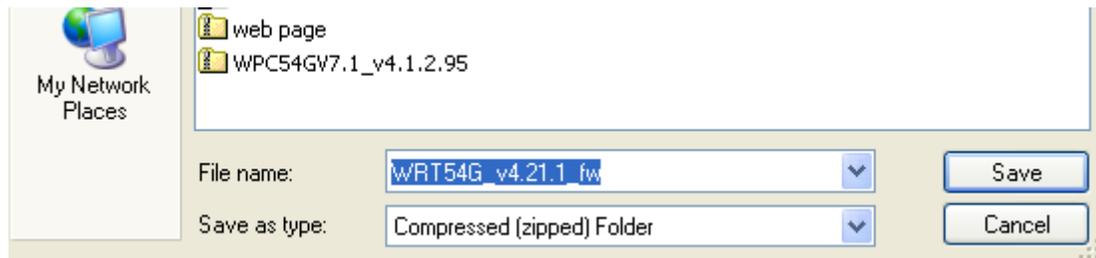
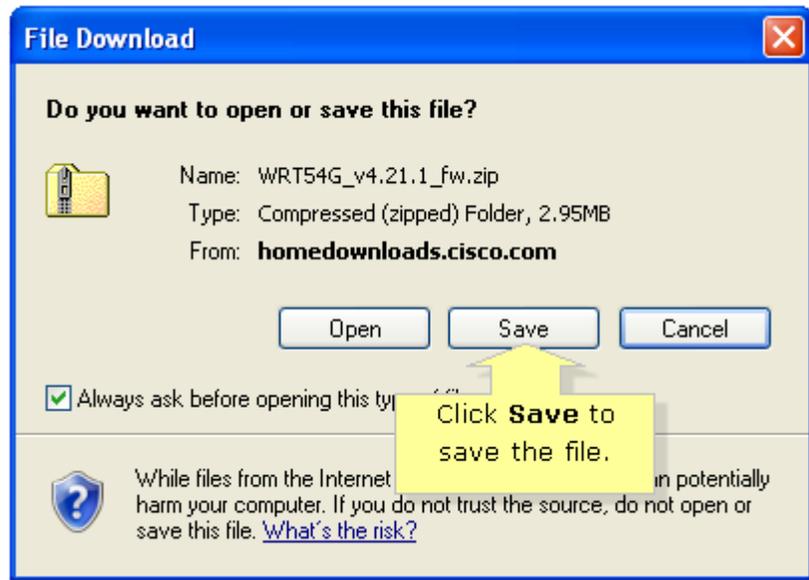
NOTE: If the current firmware version of your router matches the one found online, upgrading is not necessary.

Firmware Upgrade Instructions
03/17/2010
[Download](#)
(Firmware Upgrade Instructions)

Firmware
10/17/2005
Ver.4.21.1
[Download 2.95 MB](#)
(Firmware)
[Release Notes](#)

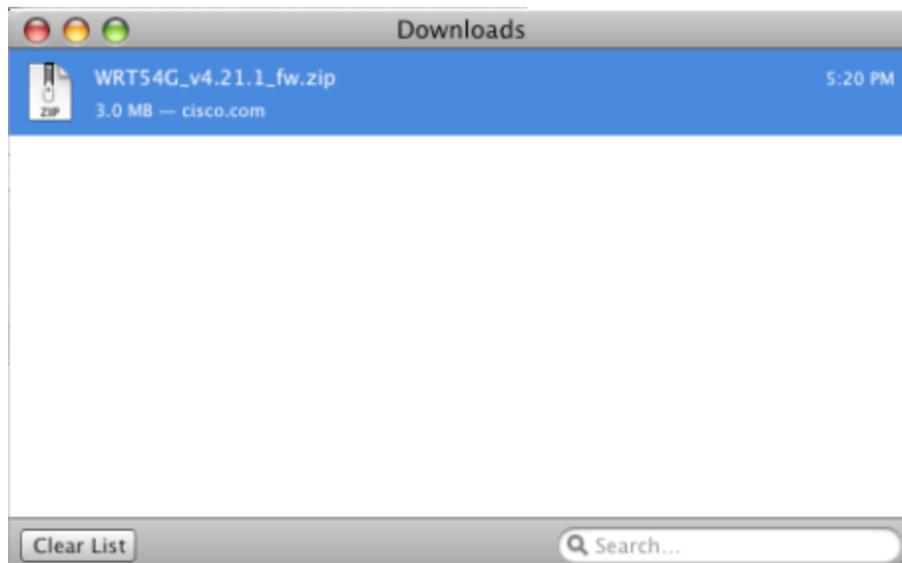
Step 6:

Click **Save** in the **File Download** dialog box that appears, choose an accessible directory such as the **Desktop** and click **Save**. Once the download is complete, click **Close**, if prompted.



NOTE: Image may vary depending on the operating system of your computer.

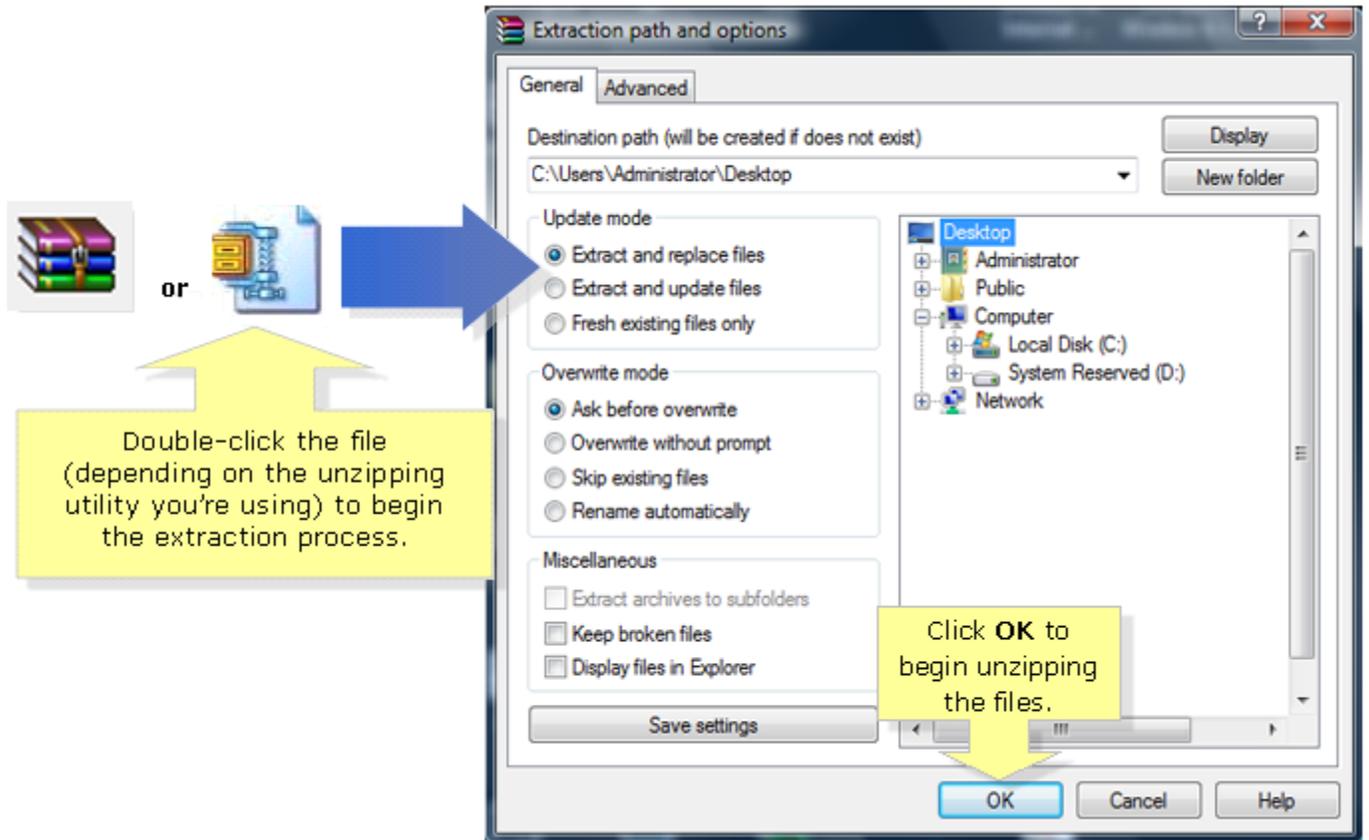
If you're using a Mac computer, click **Download** in the dialogue box that appears. Once the download has been completed, click the **red button** to close the **Downloads** window.



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

Step 7:

Double-click the .zip file and extract its contents to a single folder or to the **Desktop**. If you're using a Mac computer, the file would be extracted automatically.



Taking note of your current settings

After upgrading the router's firmware, a reset needs to be done which will require you to reconfigure your settings from scratch. Be sure to note down important settings before resetting the router and use it as basis for reconfiguring the router later.

NOTE: You can use the back-up and restore configuration feature of your router before resetting so as not to go through the whole process of reconfiguration. However, firmware upgrades sometimes include added functionalities which might mess up the settings once restored from a backup. In case this happens, you might have to manually reconfigure the router.

Performing the Upgrade

Step 1:

Access the router's web-based setup page.

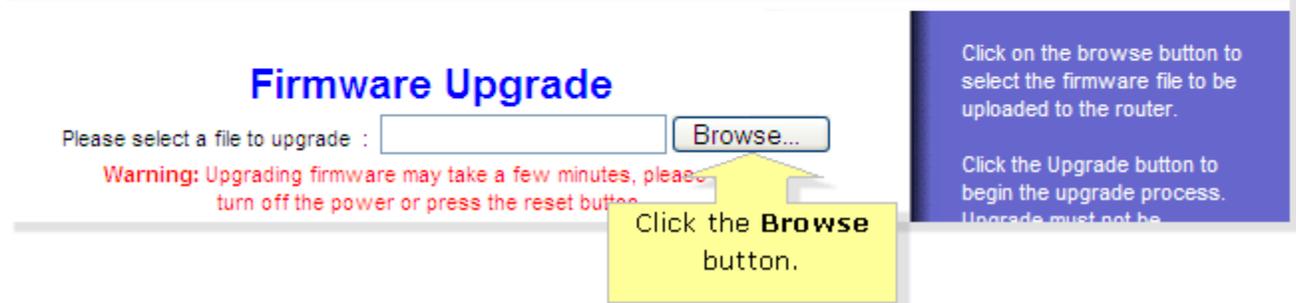
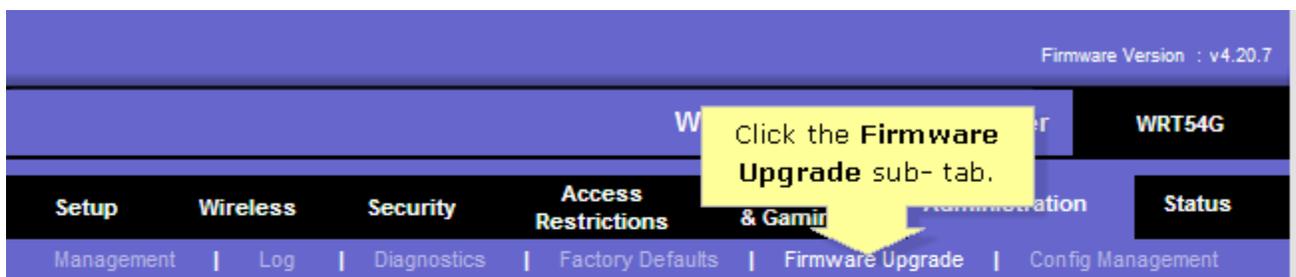
Step 2:

Click the **Administration** tab.



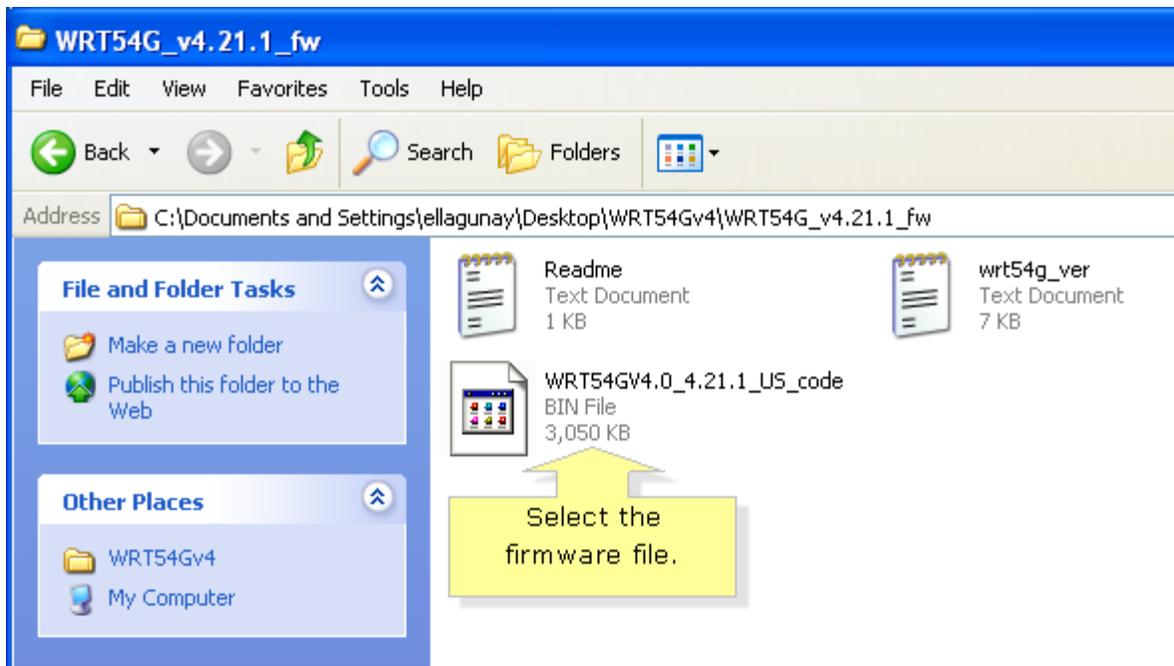
Step 3:

Click the **Firmware Upgrade** sub-tab then click the **Browse** button.

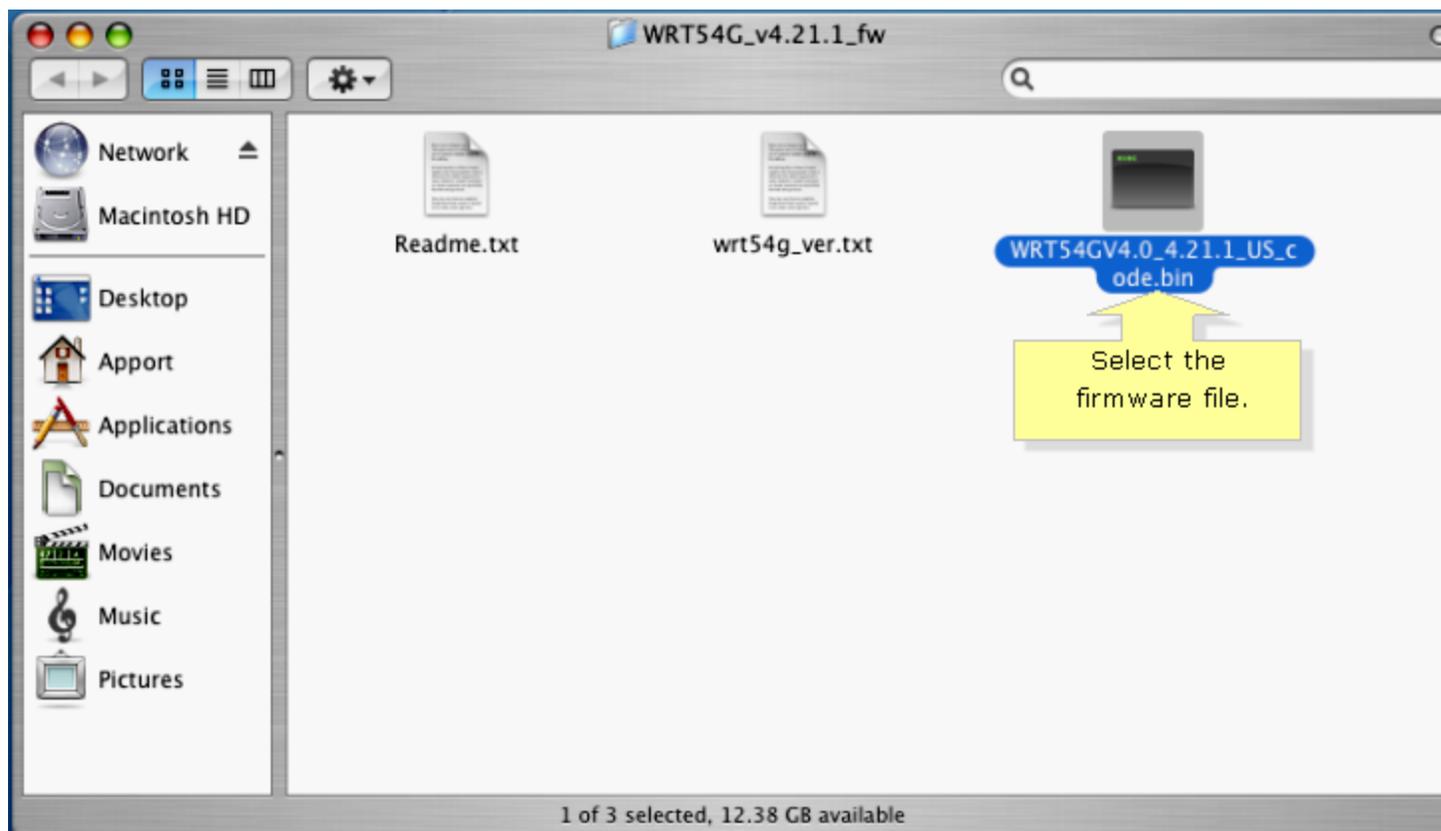


Step 4:

Locate the firmware then click **Open**.



Refer to the following image for Mac OS:



Step 5:

Click the **Upgrade** button.

Wireless-G Broadb

Setup | Wireless | Security | Access Restrictions | Applications & Gaming

Management | Log | Diagnostics | Factory Defaults | Firmware Up

Firmware Upgrade

Please select a file to upgrade :

Warning: Upgrading firmware may take a few minutes, please don't turn off the power or press the reset button.

Upgrade must NOT be interrupted !

Click the **Upgrade** button.

Firmware Upgrade

Please select a file to upgrade :

Warning: Upgrading firmware may take a few minutes, please don't turn off the power or press the reset button.

Upgrade must NOT be interrupted !

Step 6:

When the upgrade is complete, the following message will appear. Click on **Continue**.

**Upgrade is successful.
Rebooting.....**

Completing the firmware upgrade

Step 1:

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

Step 2:

Press and hold the **Reset** button of your router for **10** seconds.



NOTE: If the image of your router is different from the one shown above, consult your router documentation for the location of the reset button.

Step 3:

Powercycle the router. To do this, unplug the power cord and wait **30** seconds before plugging it back in.

The firmware upgrade process is now complete.