Firmware Management on RV320 and RV325 VPN Router Series

Objective

A firmware upgrade is the combination of upgrades in respect to both software and hardware drivers for a device. This allows you to increase the performance of your network and not be required to buy any new hardware. It helps to fix bugs and other intermittent issues on the router. It may take some time to upload a new firmware. While you upgrade a new firmware do not interrupt the device until the firmware is successfully uploaded.

On the RV32x VPN Router Series, you can upload the new firmware through PC or through USB. If you want to upload the firmware through PC, you need to connect your PC to the router on a LAN port, or if you want to upload the firmware through a USB connect the USB to the router.

This article explains how to manage firmware on RV32x VPN Router Series.

Note: You need to download the latest firmware of the router and save it on your PC or your USB before you upload the firmware. If you upload the previous version firmware, your device may be reset to its factory default values. It is recommended to backup your configuration before you upgrade firmware. To know more about how to backup the configuration, refer to *Backup and Restore the Configuration Files on RV320 and RV325 VPN Router Series*.

Applicable Devices

- RV320 Dual WAN VPN Router
- RV325 Gigabit Dual WAN VPN Router

Software Download URL

<u>RV32x VPN Router Series</u>

Firmware Management

Step 1. Log in to the web configuration utility and choose **System Management > Firmware Upgrade**. The *Firmware Upgrade* page opens:

Firmware Upgrade		
Warning	. Uploading a previous version of the firmware might cause the device parameters to be reset to factory default values.	
	. Do not power off, reset, or otherwise interrupt the device during a firmware upload. The upload will require a few minutes to complete.	
	. Do not close this window or disconnect any cables from the device during a firmware upload.	
	. It might suspend network traffic during a firmware upload.	
Firmware U	pgrade from PC	
Firmware Vers	sion: v1.0.1.17 (Nov 22 2012 17:35:55)	
Choose File	No file chosen	
O Firmware U	pgrade from USB	
Firmware Up	grade	

Step 2. Click the appropriate radio button to upgrade the firmware.

- Firmware Upgrade from PC Represents the firmware upgrade through PC.
- Firmware Upgrade from USB Represents the firmware upgrade through USB.

Upload Firmware through PC

Firmware Upgrade			
Warning	. Uploading a previous version of the firmware might cause the device parameters to be reset to factory default values.		
	. Do not power off, reset, or otherwise interrupt the device during a firmware upload. The upload will require a few minutes to complete.		
	. Do not close this window or disconnect any cables from the device during a firmware upload.		
	. It might suspend network traffic during a firmware upload.		
Firmware Upgr	rade from PC		
Firmware Version	: v1.0.1.17 (Nov 22 2012 17:35:55)		
Choose File No	file chosen		
O Firmware Upgrade from USB			
USB Device Status: No Device Attached Refresh			
Firmware Upgra	de		

Step 1. Click **Choose File** to show the path where you have saved the new firmware for the router.

)razniza = Now folder				8==
Desuments	^		-	
Documents	Name	Date modified	Туре	Size
Music	🍌 Intel	10/13/2012 7:58 PM	File folder	
Pictures	🐌 PerfLogs	7/26/2012 2:33 AM	File folder	
Videos	🌗 Program Files	1/31/2013 8:38 PM	File folder	
9	🌗 Program Files (x86)	2/5/2013 8:36 PM	File folder	
8 Homegroup	📕 TOSHIBA	10/13/2012 8:10 PM	File folder	
	퉬 Users	11/26/2012 5:10 PM	File folder	
Computer	퉬 Windows	12/24/2012 6:20 PM	File folder	
TI10648300K (C:)	🛃 Cisco-config-assistant-win-k9-3_2_1-en	8/4/2012 12:40 PM	Application	117,489 KB
New Volume (E:)	Firmware	12/22/2012 11:47	File	1 KB
New Volume (F:)				
👝 New Volume (G:)				
Correction of the local data				

Step 2. Choose the path where you have saved the new firmware that you want to upload to the router.

Step 3. Click the appropriate firmware file to choose it.

		• 0	Search mod	
Organize 👻 New folder				H ·
Documents ^	Name	Date modified	Туре	Size
J Music	Intel	10/13/2012 7:58 PM	File folder	
Pictures	PerfLogs	7/26/2012 2:33 AM	File folder	
Videos	Program Files	1/31/2013 8:38 PM	File folder	
a	Program Files (x86)	2/5/2013 8:36 PM	File folder	
S Homegroup	🐌 TOSHIBA	10/13/2012 8:10 PM	File folder	
	🐌 Users	11/26/2012 5:10 PM	File folder	
Computer	퉬 Windows	12/24/2012 6:20 PM	File folder	
1110048300K (C:)	🛃 Cisco-config-assistant-win-k9-3_2_1-en	8/4/2012 12:40 PM	Application	117,489 KB
New Volume (E:)	Firmware	12/22/2012 11:47	File	1 KB
New Volume (G:)				
🖣 Network 🗸 🗸				

Step 4. Click Open.

Firmware Up	ograde		
Warning	. Uploading a previous version of the firmware might cause the device parameters to be reset to factory default values.		
	. Do not power off, reset, or otherwise interrupt the device during a firmware upload. The upload will require a few minutes to complete		
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Firmware Up	pgrade from PC		
Firmware Vers	ion: v1.0.1.17 (Nov 22 2012 17:35:55)		
Choose File	Firmware		
O Firmware Up	pgrade from USB		
USB Device Status: No Device Attached Refresh			
Firmware Upg	grade		

Step 5. Click **Firmware Upgrade** to upgrade the firmware.

Upload Firmware from USB

Firmware Upgrade					
Warning	. Uploading a previous version of the firmware might cause the device parameters to be reset to factory default values.				
	. Do not power off, reset, or otherwise interrupt the device during a firmware upload. The upload will require a few minutes to complete.				
	. Do not close this window or disconnect any cables from the device during a firmware upload.				
	. It might suspend network traffic during a firmware upload.				
O Firmware Upgrad	Firmware Upgrade from PC				
Firmware Version:	v1.0.1.17 (Nov 22 2012 17:35:55)				
Choose File No fil	e chosen				
Firmware Upgrad	e from USB				
Source USB Device: USB2 V Refresh					
Select File:	elect File: File Images on USB device				
	File Name				
	O 0.0.6.182.bin				
	O 1.0.0.276.bin				
	O command.bt				
	O ee726_hw1_g1.jpg				
	O ee726_hw1_g2.jpg				
	O ee726_hw1_g3.jpg				
	O ee726_hw1_g4.jpg				
	O Firmware				
	○ q3.bt				
Firmware Upgrade					

Step 1. Choose the appropriate USB port from the Source USB Device drop-down list.

Step 2. (Optional) To refresh the USB list, click Refresh.

Firmware Upgrade				
Warning	. Uploading a previous version of the firmware might cause the device parameters to be reset to factory default values. . Do not power off, reset, or otherwise interrupt the device during a firmware upload. The upload will require a few minutes to complete. . Do not close this window or disconnect any cables from the device during a firmware upload. . It might suspend network traffic during a firmware upload.			
O Firmware Upgrad	rade from PC			
Firmware Version:	n: v1.0.1.17 (Nov 22 2012 17:35:55)			
Choose File No fil	e chosen			
Firmware Upgrad	e from USB			
Source USB Device: USB2 V Refresh				
Select File:	File Images on USB device			
	File Name			
	O 0.0.6.182.bin			
	O 1.0.276.bin			
	○ command.txt			
	O ee726_hw1_g1.jpg			
	○ ee726_hw1_g2.jpg			
	O ee726_hw1_g3.jpg			
	<pre>ee726_hw1_g4.jpg</pre>			
	O Firmware			
	○ q3.txt			
Firmware Upgrade				

Step 3. Click the appropriate firmware file that you want to upload to your router from File Images on USB device table.

Firmware Upgrade				
Warning	 Uploading a previous version of the firmware might cause the device parameters to be reset to factory default values. Do not power off, reset, or otherwise interrupt the device during a firmware upload. The upload will require a few minutes to complete. Do not close this window or disconnect any cables from the device during a firmware upload. It might suspend network traffic during a firmware upload. 			
O Firmware Upgrade	ade from PC			
Firmware Version:	v1.0.1.17 (Nov 22 2012 17:35:55)			
Choose File No file	e chosen			
• Firmware Upgrade	e from USB			
Source USB Device: USB2 V Refresh				
Select File:	Select File: File Images on USB device			
	File Name			
	O 0.0.6.182.bin			
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	O command.txt			
	O ee726_hw1_g1.jpg			
	O ee726_hw1_g2.jpg			
	O ee726_hw1_g3.jpg			
	O ee726_hw1_g4.jpg			
	O Firmware			
	O q3.bt			
Firmware Upgrade)			

Step 4. Click **Firmware Upgrade** to upgrade the firmware on the router.