

Workaround for Inaccessibility of GUI after Firmware Version 1.0.1.17 Upgrade on RV320 VPN Routers

Objective

The RV320 Router is inaccessible after the firmware upgrade version 1.1.0.09. This article shows the recovery process that needs to be followed in order for the router to be upgraded to the latest firmware and work normally.

Applicable Devices

- RV320 Dual WAN VPN Router

Software Version

[RV320](#)

Firmware Upgrade

Step 1. Download the latest firmware version to your PC.

Step 2. Download and install the Tftpd32 or any other TFTP client that supports files bigger than 32MB. To download [click here](#).

RV320 Device

Step 3. Power off the RV320.

Step 4. Hold in the "RESET" button and then turn on the RV320.

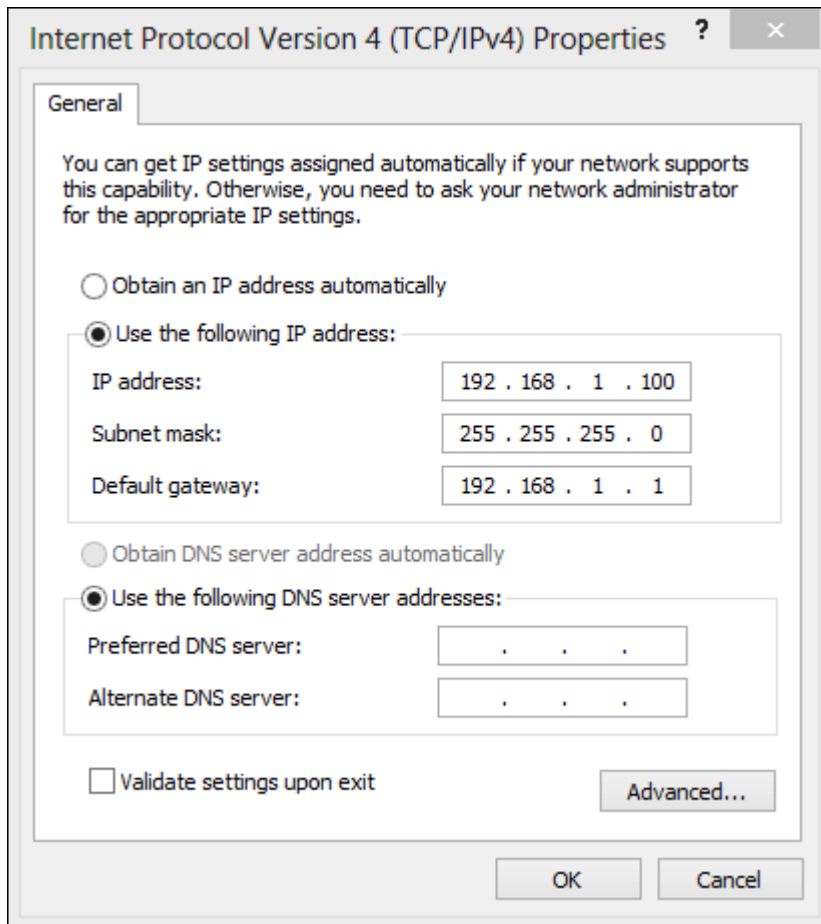
Step 5. Wait for 10 seconds until the POWER LED flashes and the DIAG LED is solid RED.

Step 6. Release the reset button.

Network Settings on PC

Step 7. Click **Control Panel > Network and Internet > Network and Sharing Center**. The *Network and Sharing* page opens:

Step 8. Click **Local Area Connection > Properties > Internet Protocol Version 4 (TCP/IPv4) > Properties**. The *Internet Protocol Version 4 (TCP/IPv4) Properties* window appears:



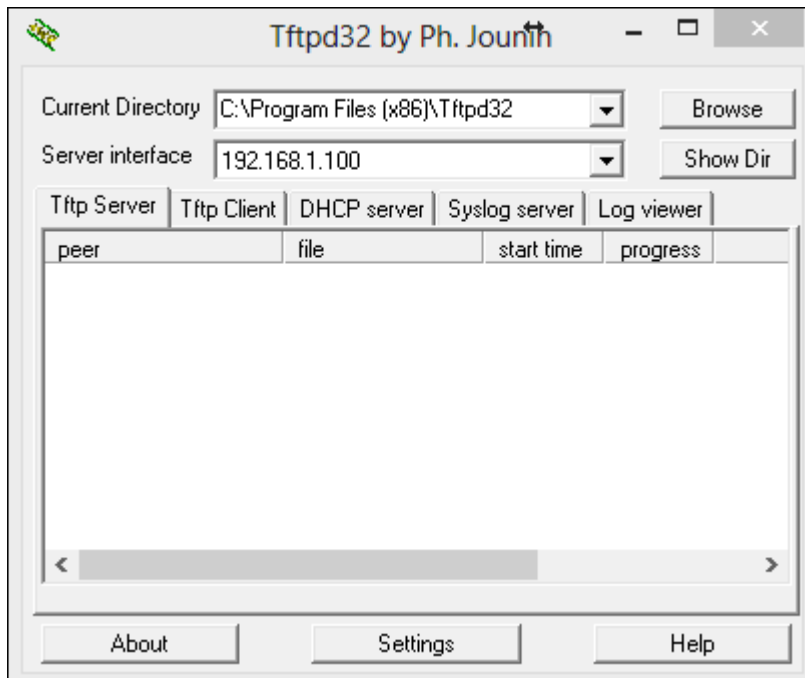
Step 9. Assign a static IP address for the PC within a range of 192.168.1.2 to 192.168.1.254 in the IP Address field.

Step 10. Enter the subnet mask in the Subnet Mask field.

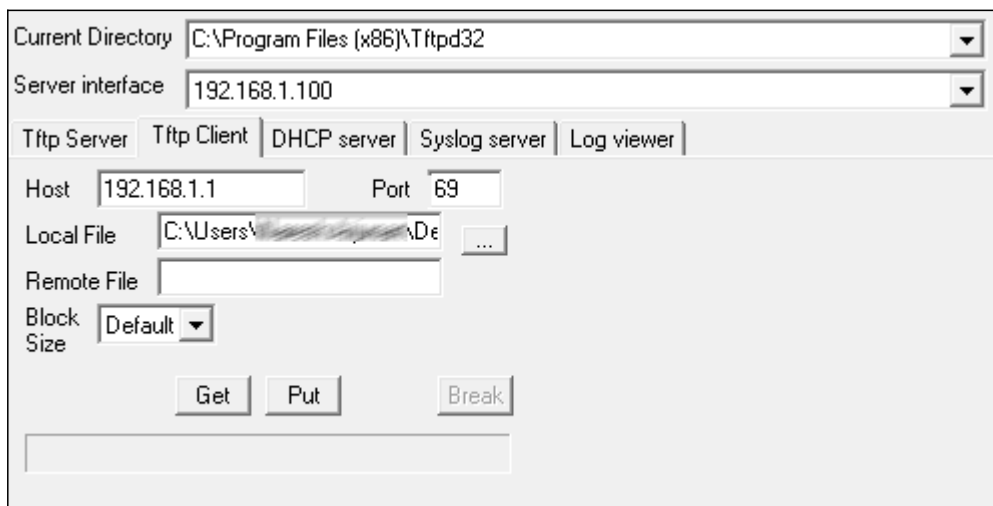
Step 11. Enter the default gateway in the Default Gateway field. The default gateway is the IP address of the RV320 router.

TFTP Application

Step 12. Launch the TFTP application.



Step 13. Choose the TFTP Client tab.



Step 14. Enter the IP address 192.168.1.1 in the Host field and value 69 in the Port field.

Step 15. In the Local File field, choose the downloaded firmware from the PC to be loaded in to the router.

Step 16. Verify all the values and then press **PUT** on the TFTP Client.

Step 17. Wait for 5 minutes and then try to access the router GUI. The RV320 should work normally.

System Summary			
System Information			
Serial Number:	NKS16451794	Firmware Version:	v1.1.0.09 (2013-07-04, 13:28:17)
PID VID:	RV320 V01	Firmware MD5 Checksum:	5b8aed4473cae9f07fdd72daf11ece4b
LAN		<u>Working Mode:</u>	Gateway
<u>IPv4/ Subnet Mask:</u>	192.168.1.1/255.255.255.0		
<u>IPv6/ Prefix:</u>	--		
System Uptime:	0 days 0 hours 0 min 54 sec (Now: 2013-09-19, 12:14:16)		

Note: The Upgraded firmware is shown in the Firmware Version field.