How to set up PPTP VPN on DD-WRT Routers

In order to set up PPTP VPN on DD-WRT routers you have to flash your router with DD-WRT firmware and set router local IP address as 192.168.1.1. Also please, check if you can connect to Internet via Wi-Fi from DD-WRT router. We also recommend checking VPN on your PC/Mac to ensure that your network configuration and ISP allow PPTP VPN connections.

Connect to your router. For that you have to put in your browser the following address: http://192.168.1.1. Also you have to set your network connection to obtain IP address automatically if you connect to your router via Ethernet.

There are two different ways to set up PPTP VPN on a DD-WRT router. Please choose if you want to set up PPTP using a script or without using a script.

No script   Using script

1. Go to "Setup" tab and then select "Basic Setup" (1).

    Select PPTP (2) from the "Connection Type" drop down menu.

    In the "Gateway (PPTP server)" (3) type IP address of the VPN

    In the "Username" (4) and "Passwords" (5) fields enter your VPN username and password.

    Select "Yes" (6) next to "Use DHCP".

    Set "MPPE Encryption" (7) and "Packet Reordering" (8) to "Enabled". On some versions of DD-WRT there is also "PPTP encryption", set it as well to "Enabled".

   Set "Dual-Access mode" (9) and "Receive IPTV" (10) to "No".

    In the "Optional Settings" zone change MTU to "Manual" (11) and type the value 1460 (12) in the field and set "STP" as "Disabled" (13).

    In the "Network setup" enter the IP address for the DD-WRT access point (14). Important, if this is the second router then you must set a different Local IP address then your main router.

    Select "DHCP Server" (15) next to "DHCP Type".

    "Enable" DHCP server (16).

    Click on "Apply settings" (17).
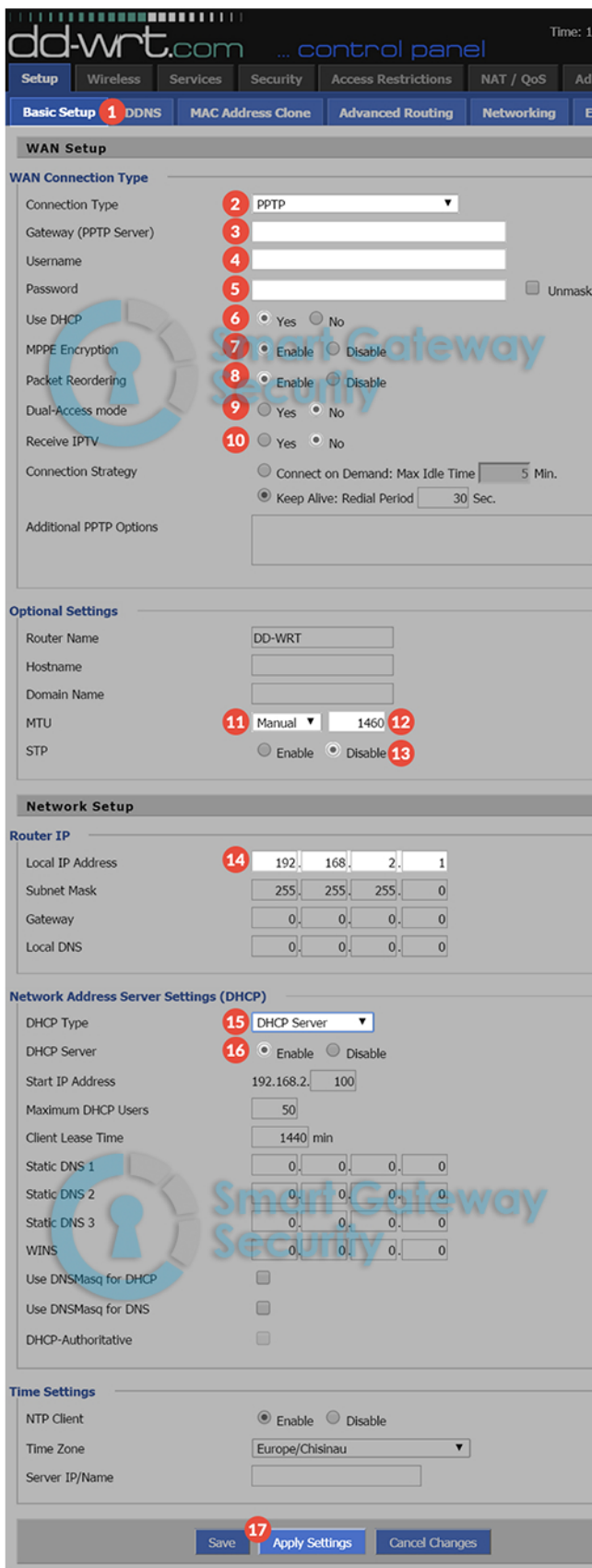
2. Now go to the "Security" tab (17) and select "Firewall" (18). Here, set "SPI Firewall" to "Disable" (19).

3. Go to "VPN Passthrough" (20) and select "Enabled" (21) next to "PPTP Passthrough". Click on "Apply settings" (22).

4. Go to "Administration" tab (23). Scroll down and click on "Reboot router" button (24). This will reboot your router.

After the reboot the PPTP VPN on DD-WRT router is set up. You can check the connection going to "Status" tab and select "WAN" from there. Login status should be "Connected". If it says "Disconnected" click on "Connect" button and wait for about 1 minute. After that the connection should be established. You can check if you are connected to a VPN server by going to www.whatismyip.com and see if your IP is changed.