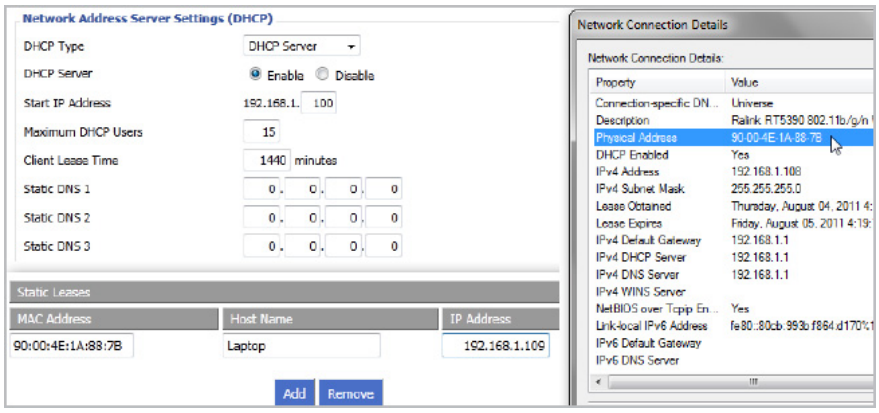
Configuration, static DHCP settings on DD-WRT router

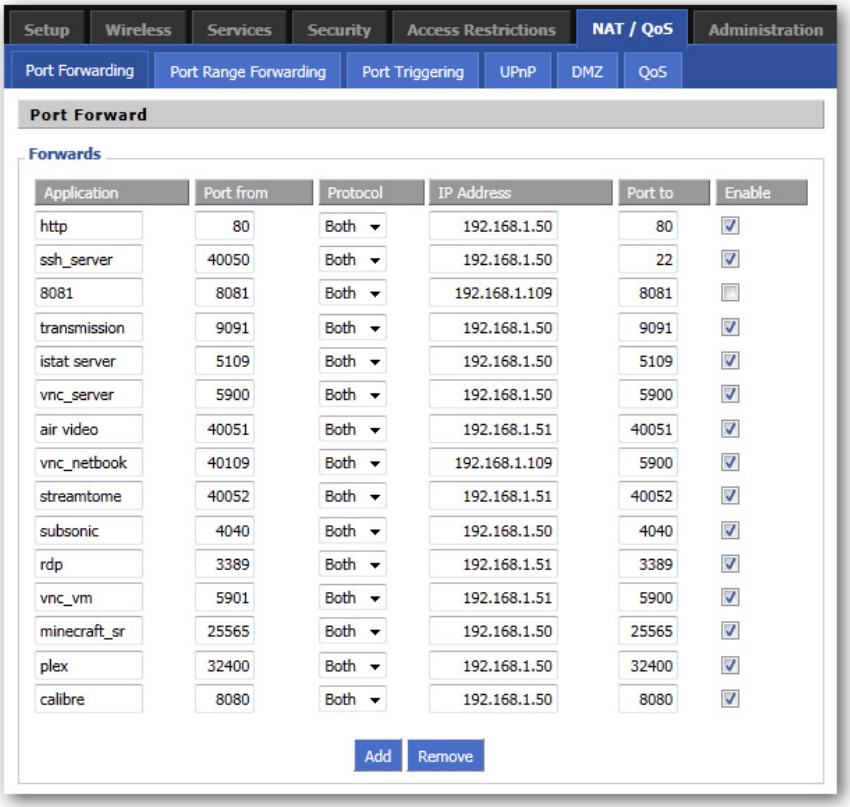
DHCP will help us easily set up access via network in the office, home, port - Port forwarding ... In the following article, we will guide you how to implement the process. Configure DHCP Static on the DD-WRT router device, and combine and take advantage of the advantages ...

TipsMake.com - DHCP will help us easily set up access via network in the office, home, port switch - Port forwarding . In the article below, we will guide you how Do DHCP Static configuration on the DD-WRT router device, and combine and take advantage of these advantages.



Some problems with DHCP and Port Forward:

Technically, we can configure the router to manually assign IP addresses to all computers in the system, switching the port to access the router device from the external environment. However, the only problem many people encounter is that the **internal IP address** does not change. If the router changes the IP address assigned to a computer by **DHCP** , then we will have to reconfigure the **Port Forwarding** function. Many programs can skip this step by requesting **port Plug and Play Universal Plug and Play (UPnP)** , but in fact it is difficult to meet this:

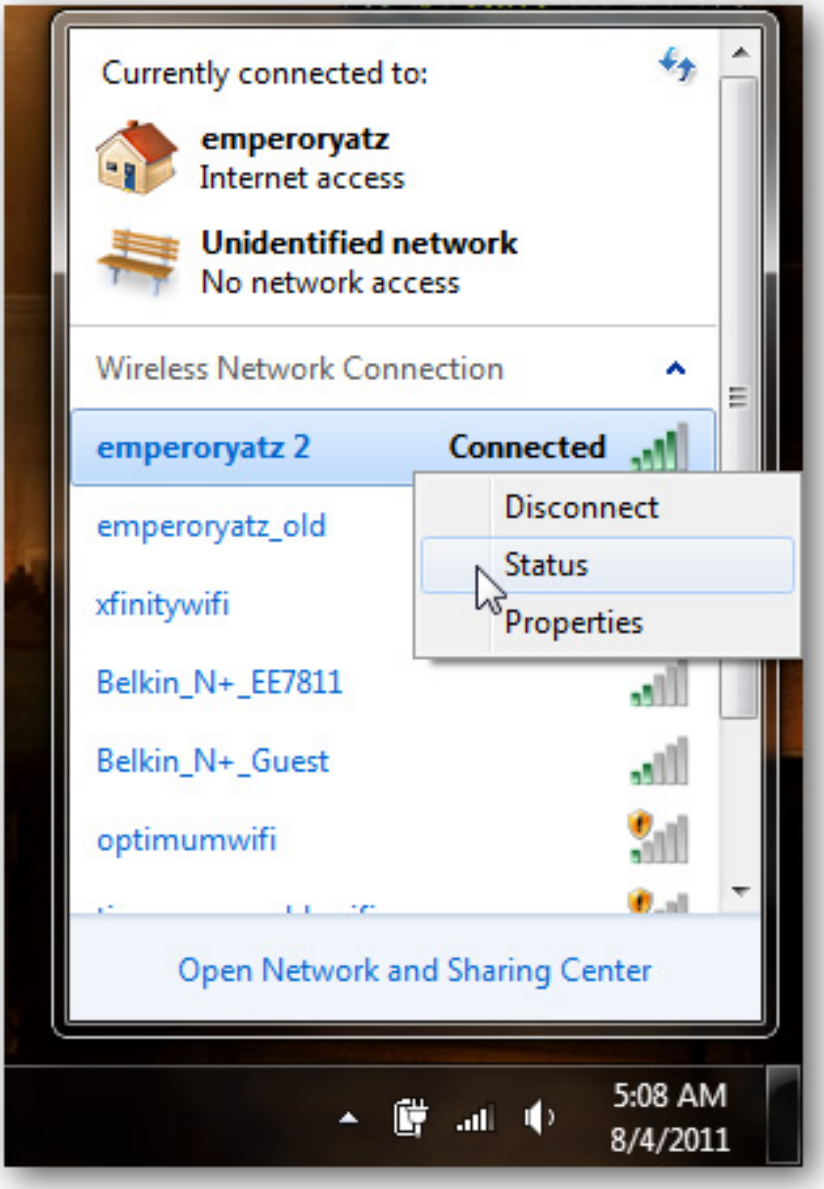


Currently, there are many router models that can remember which IP address parameters have been assigned to a specific computer, so if there is a case of disconnection, the system will still maintain the address. That IP. Normally, the router reset process erases the entire cache - cache, and starts assigning IP addresses to the system first. Many routers currently do not have this feature built-in, and immediately assign a new IP address. And every time the IP address changes, we have to reconfigure the router from the beginning, so it will affect the general model during use.

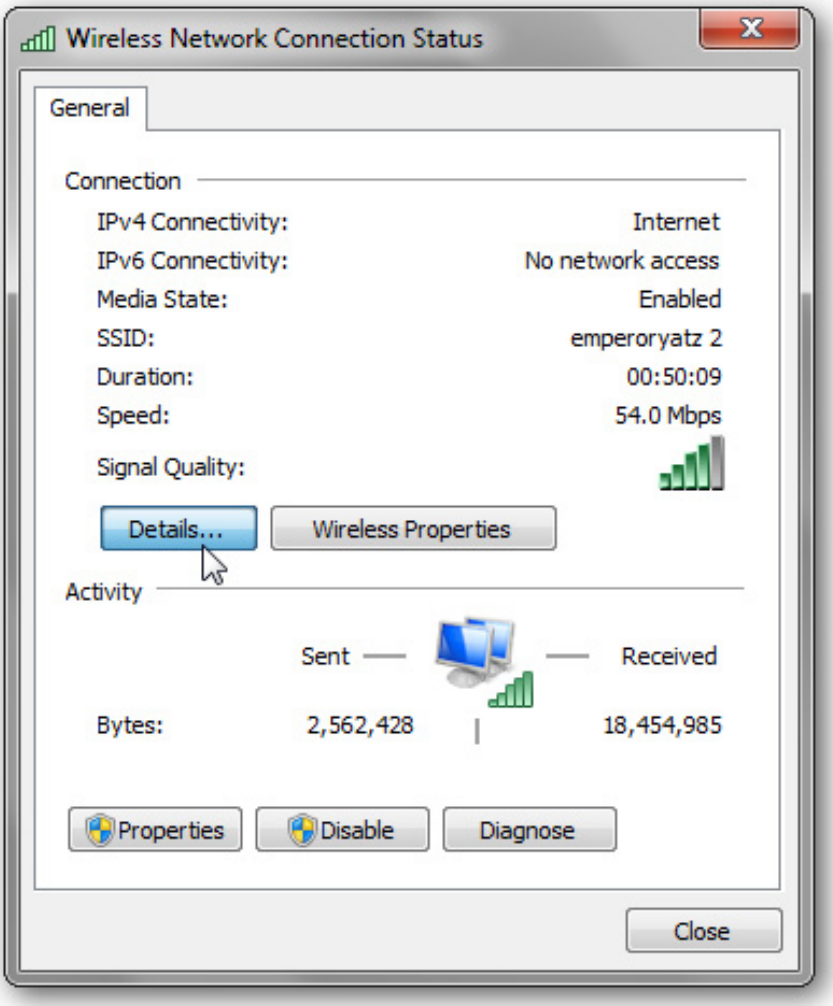
We have already introduced some outstanding features and features of DD-WRT in the previous articles, and this time we will continue to talk about static DHCP, also known as DHCP restrictions. During the configuration of the router with DHCP, the user can enter the MAC address of the network card on the computer, then enter the assigned IP address. And DD-WRT will automatically take care of the rest of the process.

Find MAC address:

The real thing to do in this step is to find the MAC address on the computer's network card. Specifically, you click the network card icon under the system tray and select the **Status** section as the example below:



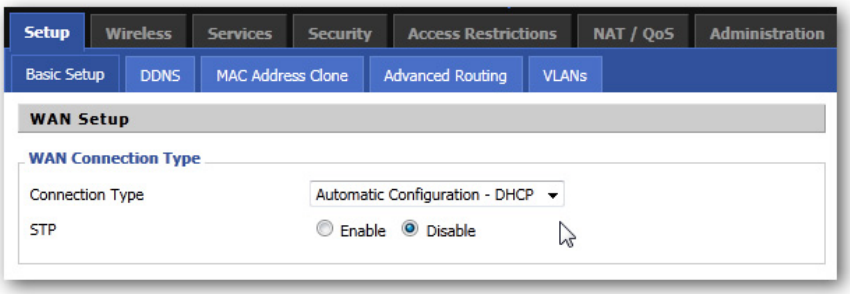
Click the **Details .** button::



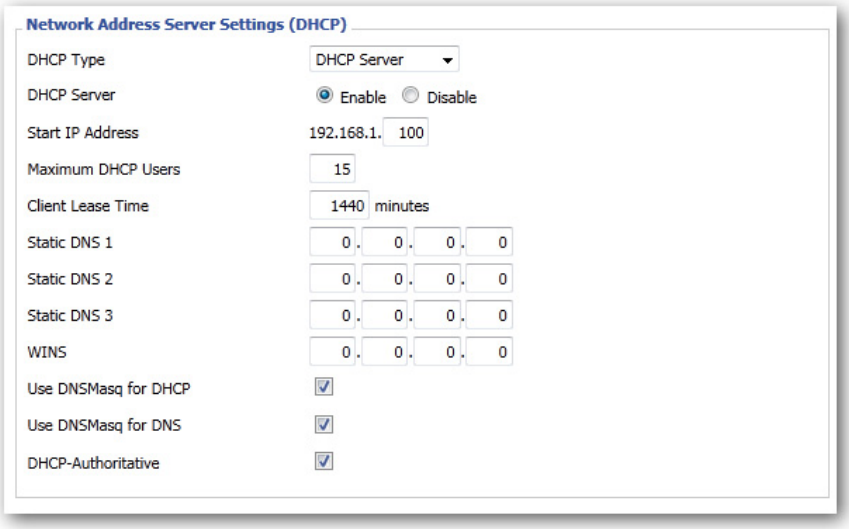
The actual MAC address will be listed as **Physical Address** , specifically here **90-00-4E-1A-88-7B** . In **Mac OS X** , users can check in **System Settings** and **Network** , and if they choose in different tabs, there will be parameters related to **Physical ID, Ethernet ID, MAC Address.** . For **Ubuntu** users, they can type the **ifconfig** command in **Terminal** .

DD-WRT and Static DHCP:

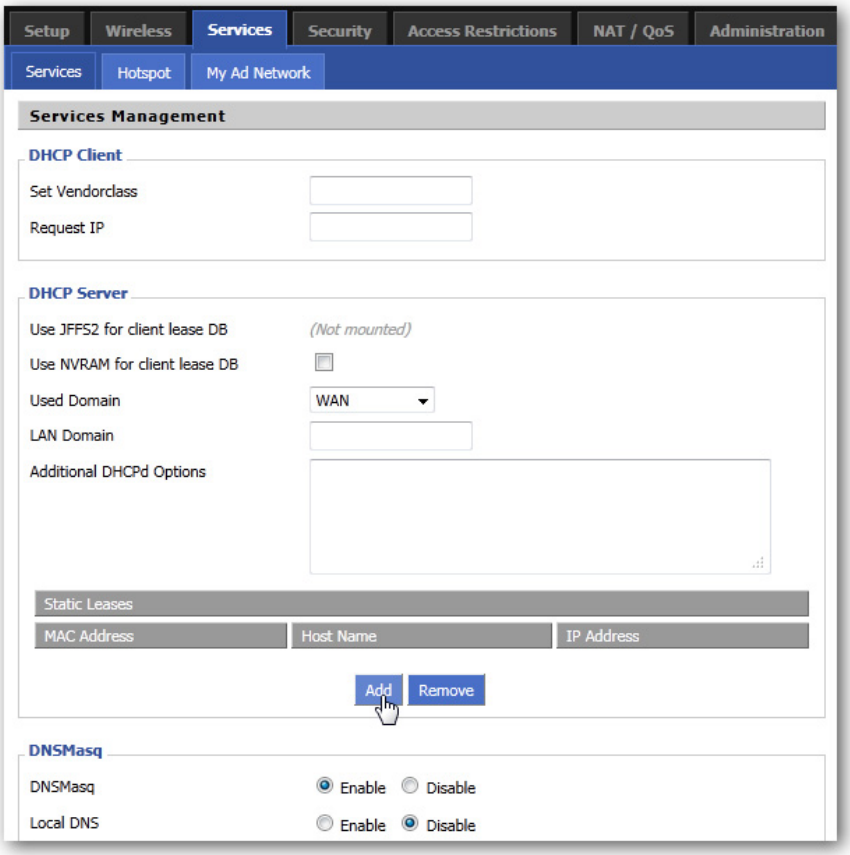
Now, when we have a list of MAC addresses of each computer, open the browser, access the main control part of the router DD-WRT. Click the **Setup** button, and under **Basic Setup** make sure that DHCP is enabled:



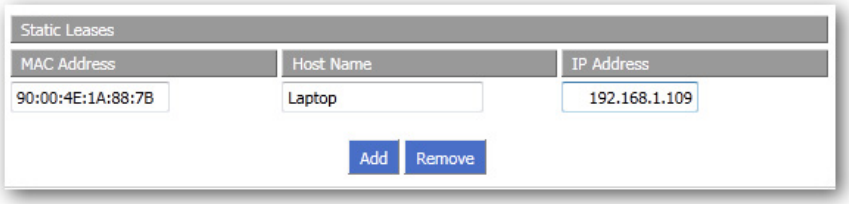
Scroll down to the bottom, **Network Address Server Settings (DHCP)** and start marking the first IP address, the maximum number of users. And the configuration user address will be in this range, as the example here is **192.168.1.100 - 192.168.1.114:**



Select the Services tab at the top:



And under the **DHCP Server** section, we will see the **Static Leases** list as shown below. Click the **Add** button to add a new record:



Then, enter the MAC address of each computer, name each computer to make it easy to distinguish and assign the corresponding new IP address to the system. In essence, we cannot assign the same IP address to two different MAC addresses. If your DD-WRT version adds **Client Lease Time** , fill in **24 hours** , or **1440 minutes** . Then, click the **Save** and **Apply Settings** button to apply these changes. Good luck!

You finished reading the article "**Configuration, static DHCP settings on DD-WRT router**" edited by the **TipsMake** team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.