

My current home router is setup as a DHCP server, which will assign an IP address, it determines, to a device (computer, printer, etc) when it is turned on. However, sometimes you need to ensure a device keeps the same IP address, like a printer or IP phone device.

Here are the steps to ensure a device will keep the same IP address from a router that uses DHCP. In this case, we are going to use the AZBox as the example and a D-Link DI-624 router.

On your AZBox, get into the Settings. On the left side, select System Information. On the right, you should see the MAC address of the AZBox and the IP address that was assigned by your DHCP router.

FYI: To find out your computer IP address, on a Windows system, select Start / Run and type in cmd. This should display a command line window. Type in: ipconfig. On linux, it's ifconfig.

Log into your router using your browser; for example, if it is set to 192.168.0.1, enter in <http://192.168.0.1>. It should ask for a login name and password. After logging in, select the Home tab at the top of the admin webpage.

Next, select DHCP on the left side of the webpage.

About a third way down the page, you should see "Static DHCP".

DI-624 - Windows Internet Explorer

http://192.168.0.1/h\_dhcp.html

File Edit View Favorites Tools Help

DI-624

Home Advanced Tools Status Help

DHCP Server

The DI-624 can be setup as a DHCP Server to distribute IP addresses to the LAN network.

DHCP Server ☒ Enabled ☐ Disabled

Starting IP Address 192 . 168 . 0 . 100

Ending IP Address 192 . 168 . 0 . 199

Lease Time 1 Week

Static DHCP

Static DHCP is used to allow DHCP server to assign same IP address to specific MAC address.

☒ Enabled ☐ Disabled

Name

IP 192 . 168 . 0 .

MAC Address

DHCP Client Clone

Apply Cancel Help

For Name, enter in AZBox.

For IP address, enter the IP address that the router assigned to the AZBox.

Next enter in the AZBox's MAC address, then press the Apply button and you are done!