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1. What is the difference between static IP address and dynamic IP address.?

Static I/P Address	Dynamic I/P Address
A static IP address is an address that is permanently assigned to you by your ISP.	A dynamic IP address is an IP address dynamically assigned to your computer by your ISP.
Address does not change - good for web servers, email servers and other Internet servers.	Address Changes frequently.
Expensive than dynamic IP address - ISPs generally charge additional fee for static IP addresses.	Cheaper than static IP address.

2. What do you mean by lease time of dynamically assigned IP address? How its value is governed?

Ans.: Lease time of dynamically assigned IP address mean time period assigned by the DHCP protocols for assigned IP address. However, if that IP address lease expires, you'll be assigned a new IP address using the same DHCP protocols.

3. How can one bind an IP address to a MAC address?

Ans.:

Step 1 Open the web browser and type the IP address of the router (default is 192.168.0.1) into the address bar and then Press Enter.

Step 2 Type the username and password in the login page, the default username and password both are admin.

Step 3 Click on Firewall->Anti ARP Spoofing->IP-MAC Binding on the left side.

Step 4 Enter the IP address and MAC address of your PC.

Step 5 Click on Add.

Step 6 It is recommended to check all options.

Step 7 Click on Save.