

Dynamic ip addresses are assigned either by the computer interface or host software itself. Dynamic in the sense automatically. i.e ip is automatically provided to your host computer by the server. For dynamic ip configuration DHCP server is used.

How dynamic ip is configured on host computer?

For configuring dynamic ip go to *local area connection* as before in case of static configuration and then follow the following steps.

- Properties
- Internet protocol version 4
- Mark obtain an ip address automatically
- Mark obtain DNS server address automatically
- Ok
- Now go to detail

Here you can see that your dynamic ip is configured. You will have a automatically ip address provided by DHCP server. You can see

DHCP Enabled Yes

Public and Private IP addresses

Public

All class full ip addresses as class A, class B and class C are made available to public by IANA. Hence these ip addresses are called public ip address. These ips are necessary if you want to connect with public network or internet. For taking these ips you will have to pay some fee to IANA. Hence for public ip you will have to buy from IANA according to size of your organisation.

Hence public IPs are :

Class A : Begins from 1 to 126

Reserved for governments.

Class B : begins from 128 to 191

Reserved for medium companies