DHCP Stand for Dynamic Host configuration Protocol

In our daily life we are dealing with IP address like our smart phone connect to WI-FI it will get automatically IP address etc.

IP addresses can be configured statically or dynamically. Normally we configure static IP addresses on network devices like routers, switches, firewalls and servers while we dynamically assign IP addresses to computers, tablets, smartphones and laptop etc.

We use DHCP (Dynamic Host Configuration Protocol) to assign IP address dynamically.

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config t

hostname DHCP

int g0/0

ip add 192.168.1.1

255.255.255.0 no sh

ip dhcp pool guest

default-router 192.168.1.1

network 192.168.1.0 255.255.255.0