

DHCP Commands Cheat sheet

Command	OSI Layer	Description	Example
Show ip dhcp binding	Layer 2	Displays dhcp mappings	show ip dhcp binding
Show dhcp lease		Shows dhcp leases	show dhcp lease

Cisco DHCP Server Configuration

R1#ip dhcp excluded-address 10.10.10.1 10.10.10.10 (excludes 10.10.10.1 – 10.10.10.10)

R1#ip dhcp pool Demo

R1#network 10.10.10.0 255.255.255.0 (specifies IP ranges given out)

R1#default-router 10.10.10.1 (tell clients where Default gateway is)

R1#dns-server 10.10.20.10 (tell clients where DNS server is)

Configuring Cisco Router as DHCP Client

R1#interfacew f0/0

R1#ip address dhcp

R1#no shutdown

External DHCP Server Configuration

R1#interface f0/1

R1#ip helper-address 10.10.20.10