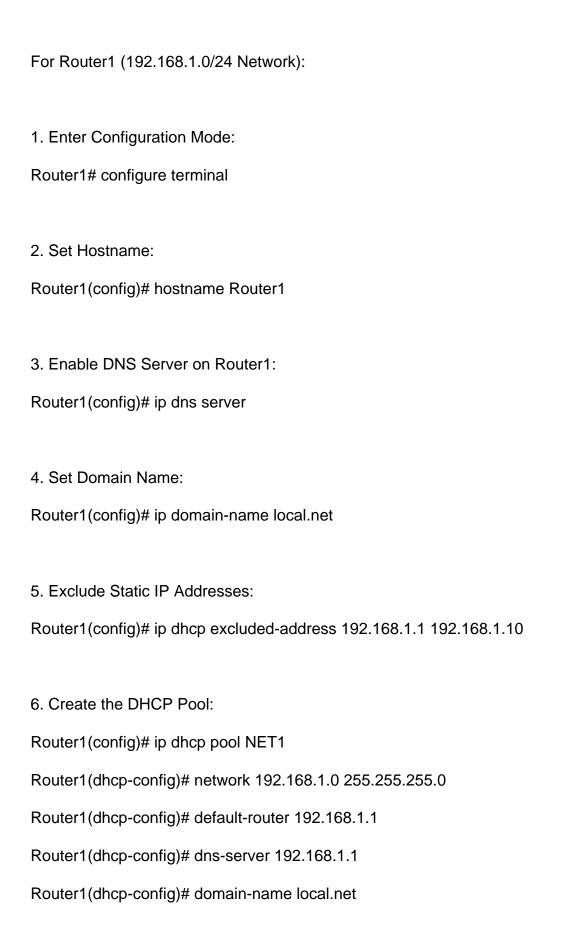
## **Cisco Router DHCP Configuration Guide**



| Router1(dhcp-config)# lease 7                                      |
|--|
| Router1(dhcp-config)# exit   |
|  |
| 7. Exit Configuration Mode:  |
| Router1(config)# exit  |
|  |
|  |
|  |
| For Router2 (192.168.2.0/24 Network):                              |
|  |
| Enter Configuration Mode:  |
| Router2# configure terminal  |
| 2. Cat Haata area:   |
| 2. Set Hostname:   |
| Router2(config)# hostname Router2                                  |
| 3. Enable DNS Server on Router2:                                   |
| Router2(config)# ip dns server                                     |
|  |
| 4. Set Domain Name:  |
| Router2(config)# ip domain-name local.net                          |
|  |
| 5. Exclude Static IP Addresses:                                    |
| Router2(config)# ip dhcp excluded-address 192.168.2.1 192.168.2.10 |
|  |
| 6. Create the DHCP Pool:   |

| Router2(config)# ip dhcp pool NET2                      |
|---|
| Router2(dhcp-config)# network 192.168.2.0 255.255.255.0 |
| Router2(dhcp-config)# default-router 192.168.2.1        |
| Router2(dhcp-config)# dns-server 192.168.1.1            |
| Router2(dhcp-config)# domain-name local.net             |
| Router2(dhcp-config)# lease 7                           |
| Router2(dhcp-config)# exit                              |
|   |
| 7. Exit Configuration Mode:                             |
| Router2(config)# exit                                   |
|   |
|   |
|   |
| Verifying the Configuration on Both Routers:            |
|   |
| 1. Check DHCP Bindings:                                 |
| Router# show ip dhcp binding                            |
|   |
| 2. Check DHCP Pool Information:                         |
| Router# show ip dhcp pool                               |
|   |
| 3. Check DHCP Server Statistics:                        |
| Router# show ip dhcp server statistics                  |
|   |
|   |

| 1. Change the IP Configuration to DHCP:  |
|--|
| On each PC, change the network settings to use DHCP to automatically receive an IP address.  |
|  |
| 2. Renew IP Address:   |
| In the Command Prompt (Windows), use the ipconfig /renew command to request a new IP address |
| from the DHCP server:  |
| ipconfig /renew  |
|  |
|  |
|  |
|  |

On the PCs: