**---------------------------------------**

**Router R1**

**---------------------------------------**

**en**

**config t**

**hostname R1**

**no ip domain-lookup**

**service password-encryption**

**enable secret class**

**banner motd #Unauthorized access is strictly prohibited#**

**int g0/0/0**

**ip address 192.168.0.1 255.255.255.0**

**no shut**

**exit**

**int g0/0/1**

**ip address 192.168.1.1 255.255.255.0**

**no shut**

**exit**

**int s0/1/0**

**ip address 192.168.2.253 255.255.255.252**

**clock rate 64000**

**no shut**

**line con 0**

**password cisco**

**login**

**logging synchronous**

**exit**

**line vty 0 4**

**password cisco**

**login**

**exit**

**router ospf 1**

**network 192.168.0.0 0.0.0.255 area 0**

**network 192.168.1.0 0.0.0.255 area 0**

**network 192.168.2.252 0.0.0.3 area 0**

**passive-interface g0/0/0**

**passive-interface g0/0/1**

**exit**

**int g0/0/0**

**ip helper-address 192.168.2.254**

**exit**

**int g0/0/1**

**ip helper-address 192.168.2.254**

**exit**

**end**

**---------------------------------------**

**Router R2**

**---------------------------------------**

**en**

**config t**

**hostname R2**

**no ip domain-lookup**

**service password-encryption**

**enable secret class**

**banner motd #Unauthorized access is strictly prohibited#**

**int s0/1/0**

**ip address 192.168.2.254 255.255.255.252**

**no shut**

**exit**

**int s0/1/1**

**ip address 209.165.200.226 255.255.255.224**

**clock rate 64000**

**no shut**

**exit**

**line con 0**

**password cisco**

**login**

**logging synchronous**

**exit**

**line vty 0 4**

**password cisco**

**login**

**exit**

**router ospf 2**

**network 192.168.2.252 0.0.0.3 area 0**

**default-information originate**

**exit**

**ip route 0.0.0.0 0.0.0.0 209.165.200.225**

**ip dhcp excluded-address 192.168.1.1 192.168.1.9**

**ip dhcp excluded-address 192.168.0.1 192.168.0.9**

**ip dhcp pool R1G1**

**network 192.168.1.0 255.255.255.0**

**default-router 192.168.1.1**

**dns-server 209.165.200.225**

**domain-name ccna-lab.com**

**!lease 2**

**exit**

**ip dhcp pool R1G0**

**network 192.168.0.0 255.255.255.0**

**default-router 192.168.0.1**

**dns-server 209.165.200.225**

**domain-name ccna-lab.com**

**!lease 2**

**exit**

**end**

**---------------------------------------**

**Router ISP**

**---------------------------------------**

**en**

**config t**

**hostname ISP**

**no ip domain-lookup**

**service password-encryption**

**enable secret class**

**banner motd #Unauthorized access is strictly prohibited#**

**int s0/1/1**

**ip address 209.165.200.225 255.255.255.224**

**no shut**

**exit**

**line con 0**

**password cisco**

**login**

**logging synchronous**

**exit**

**line vty 0 4**

**password cisco**

**login**

**exit**

**ip route 192.168.0.0 255.255.252.0 209.165.200.226**

**end**