

CCNA ICND2 Lab 3 - CDP Command Operations

Lab Topology:



Lab Requirements: 1. Router name: P4S1, P4S2, P4S3 2. Set **password** to **cisco**, **secret** to **cisco1**, and **vty** to **cisco**. All the passwords are required to be encrypted. 3. Configure all these routers. **Lab Process:** Configure Router 1. Router>enable
Router#configure terminal Router(config)#hostname P4S1
P4S1(config)#enable password cisco
P4S1(config)#enable secret cisco1
P4S1(config)#line vty 0 4
P4S1(config-line)#login
P4S1(config-line)#password cisco
P4S1(config-line)#exit
P4S1(config)#service password-encryption
P4S1(config)#interface serial 1/1
P4S1(config-if)#ip add 202.119.249.1 255.255.255.0
P4S1(config-if)#clock rate 64000
P4S1(config-if)#no shutdown
Configure Router 2 and Router 3 the similar way that Router 1 is configured. The IP addresses of these interfaces are different. Set the clock rate of the DCE end on every MAN link. After all these routers are configured, you can view information by using the following commands on Router 2. P4S2#show cdp neighbors
P4S2#show cdp neighbors detail
P4S2#show cdp traffic
P4S2#show cdp entry *
P4S2#show cdp entry P4S1