# CCNA ICND1 Lab1 - Basic Switch Command (1)

Lab Tips: The Layer 2 switch has no IP address. If you want to manage the switch remotely, you must specify an IP address for it. The switch learns MAC addresses dynamically. It builds the MAC address table by listening to incoming frames and examining the source MAC address in the frame. For network security, you can create static MAC address mapping on the switch. **Lab Topology:**
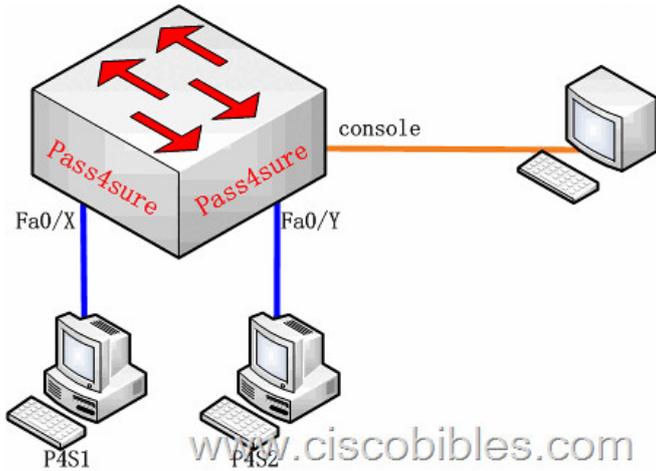
Lab Requirements: 1. Rename the switch **Pass4sure**. 2. The IP address of the switch is 202.103.24.86/24 and the gateway is 202.103.24.1/24. 3. The MAC address is bound. The address is 0010.7a60.1894.   **Lab Process:** Switch>enable Switch#congfigure terminal Switch(config)#hostname Pass4sure   / *Rename the switch.* Pass4sure(config)#interface vlan 1   / *Specify an IP address for vlan1.* Pass4sure(config-if)#ip address 202.103.24.86 255.255.255.0   / *Specify an IP address for the switch for remote management* Pass4sure(config)#ip default-gateway 202.103.24.1   / *Specify the default gateway for the switch.* Pass4sure(config)#mac-address-table static 0010.7a60.1894 vlan 1 interface fastethernet 0/5