

## CCNA ICND1 Lab1 - Basic Switch Command (2)

**Lab Tips:** Set MAC to restrict the number of hosts that access one switch port. **Lab Requirements:** 1. Use port security. 2. Set the maximum number of access to fa0/23 port to 3. 3. Port security includes: protect, restrict and shutdown. 4. Common switch commands **Lab Process:** Switch(config)#interface fastethernet 0/23 Switch(config-if)#switchport mode access Switch(config-if)#switchport port-security Switch(config-if)#switchport port-security maximum 3 / Set the maximum number of access to fa0/23 port to 3 Switch(config-if)#switchport port-security violation protect/restrict/shutdown / Define port security in order of protect mode, restrict mode and shutdown mode Switch#show running-config / View the configuration file Switch#show interface 0/1 / View the information about port fastethernet0/1. Switch#show mac-address-table / View the MAC address table Switch#show vlan / Display the VLAN information Switch#show version / Check the switch version Switch#erase startup-config / Delete configuration files that have been saved.