



Initial Cisco Switch Configuration

Items to be discussed

- What's needed (Rollover cable,
- Physical connections
- Network Topology
- Discuss Different Modes (i.e. pr
- Set Hostname
- Set IP Address for VLAN
- Set Password for VTY (Virtual Te
- Set Enable Password
- Set service password-encryption

```
Switch(config)#hostname HQSwitch2
HQSwitch2(config)#int vlan 1
HQSwitch2(config-if)#ip addr
HQSwitch2(config-if)#ip address 192.168.71.3 255.255.255.0
HQSwitch2(config-if)#do sh int vlan1
Vlan1 is up, line protocol is up
  Hardware is EtherSVI, address is 0023.3408.77c0 (bia 0023.3408.77c0)
  Internet address is 192.168.71.3/24
  MTU 1500 bytes, BW 1000000 Kbit, DLY 10 usec,
    reliability 255/255, txload 1/255, rxload 1/255
  Encapsulation ARPA, loopback not set
  Keepalive not supported
  ARP type: ARPA, ARP Timeout 04:00:00
  Last input 00:00:00, output 00:00:30, output hang never
  Last clearing of "show interface" counters never
  Input queue: 2/75/0/0 (size/max/drops/flushes); Total output drops: 0
  Queueing strategy: fifo
  Output queue: 0/40 (size/max)
  5 minute input rate 24000 bits/sec, 45 packets/sec
  5 minute output rate 0 bits/sec, 0 packets/sec
    126835 packets input, 8765140 bytes, 0 no buffer
    Received 0 broadcasts (0 IP multicasts)
    0 runts, 0 giants, 0 throttles
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored
    1 packets output, 64 bytes, 0 underruns
    0 output errors, 2 interface resets
    0 output buffer failures, 0 output buffers swapped out
HQSwitch2(config-if)#
```

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