


Cisco

- [Cisco](#) 

Cisco

Switch

```
hostname {
```

```










```

```
en  
#or  
enable
```

```
configure terminal
```



```

```

```
ip ssh version 2      #ssh v2  
line vty 0 6          #0~6vty(0-7)  
transport input ssh   #ssh  
transport input telnet #telnet  
transport input all   #ssh.telnet  
transport input none  #ssh.telnet
```

```

```

```
username user password pw #  
username user secret pw  #
```

```
:nopassword:  
nosecret:
```

```

```

```
username  privilege 15 secret 
```

```

```

```
copy running-config startup-config
```

```
VMWare-C2960X#en
VMWare-C2960X#configure t
Enter configuration commands, one per line. End with CNTL/Z.
VMWare-C2960X(config)#username ron privilege 15 secret :
VMWare-C2960X(config)#exit
VMWare-C2960X#copy running-config startup-config
Destination filename [startup-config]? y
%Error copying nvram:y (Invalid argument)
```

```
##:#####
```

##Destination filename (startup-config)?##Enter##M#####Y XD

```
##(##tftp##)
```

```
copy running-config tftp
```

```
##:#####server host#####
```

```
#####
```

```
enable password ##
enable secret ##
```

```
no enable password
no enable secret
```

```
####
```

```
#####
```

```
show running-config
```

```
##:#####startup-config
```

```
#####
```

```
#####user####
show run | i user
```



```
show version
```

- **ARP**

```
show arp
```

- **IP**

- **show ip interface brief**

- **IP**

```
show ip route
```

- **MAC table**

- **show mac address-table**

- **VLAN**

```
show vlan
```

- **IP ACLs**

```
show access-lists
```

- **Route-Maps**

```
show route-map all
```

- **SNAT**

```
show ip nat statistics
```

- **SNAT**

```
show ip nat translations | include 192.168.132.69
```

-

```
show users
```

- CPU history

```
show proc cpu history
```

- log

```
show logging | in < >
```

- interface

```
show interface
```

Console

console

```
line console 0  
password { }  
login  
exec-timeout 0  
logging synchronous
```

```
int { }  
description { }
```

```
duplex auto  
#  
  
speed auto  
#
```

(config)

```
int { }  
no shutdown
```

Vlan

show vlan

```
show vlan
```

configure terminal

```
configure terminal
```

interface

```
interface {ID}
```

```
# {ID}
```

```
interface range {range}
```

```
# {ID}
```

show vlan

```
switchport mode access
```

```
# {ID} vlan
```

```
switchport access vlan {ID}
```

```
# {ID} none {Vlan}
```

```
exit
```

ping

Ping

```
ping <IP> source <IP>
```