

# CSF3223(K2) LAB 2

S62079 S62708 S63955

## STEP 2

Configure Basic Switch Settings

```
version 12.2
no service pad
service timestamps debug datetime msec
service timestamps log datetime msec
no service password-encryption
!
hostname S1
!
boot-start-marker
boot-end-marker
!
enable secret 5 $1$I6BP$3Ir0j4CvbmvtGII/NE0He1
!
!
!
no aaa new-model
system mtu routing 1500
!
!
no ip domain-lookup
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
vlan internal allocation policy ascending
!
!
!
interface FastEthernet0/1
!
interface FastEthernet0/2
!
```

```
!
interface Vlan1
 ip address 192.168.1.2 255.255.255.0
!
ip http server
ip http secure-server
banner motd ^C
unauthorized access is strictly prohibited.Written by Mr.Gary&Omar&Bihan^C
!
line con 0
 password cisco
 login
line vty 0 4
 password cisco
 login
line vty 5 15
 login
!
end
S1#_
```

connected 0/23/30

Auto detect

0600 8 N 1

SCROLL

CAPS

NUMA

Capture

Print echo

```
banner motd ^C
unauthorized access is strictly prohibited.Written by Mr.Gary&Omar&Bihan^C
!
```

## Setting IP Address

unauthorized access is strictly prohibited.Written by Mr.Gary&Omar&Bihan

S1>

S1>e

% Ambiguous command: "e"

S1>e

S1>e ?

% Ambiguous command: "e "

S1>e?

enable exit

S1>en

Password:

S1#config t

Enter configuration commands, one per line. End with CNTL/Z.

S1(config)#interface vlan 1

S1(config-if)#ip address 192.168.1.2 255.255

% Incomplete command.

S1(config-if)#ip address 192.168.1.2 255.255.255.0

S1(config-if)#no shut

S1(config-if)#exit

S1(config)#exit

S1#line

\*Mar 1 00:12:42.784: %SYS-5-CONFIG\_I: Configured from console by console ^Z

Translating "line"

% Unknown command or computer name, or unable to find computer address

S1#config t

Enter configuration commands, one per line. End with CNTL/Z.

S1(config)#line con 0

S1(config-line)#password cisco

S1(config-line)#login

S1(config-line)#exit

S1(config)#line vty 0 4

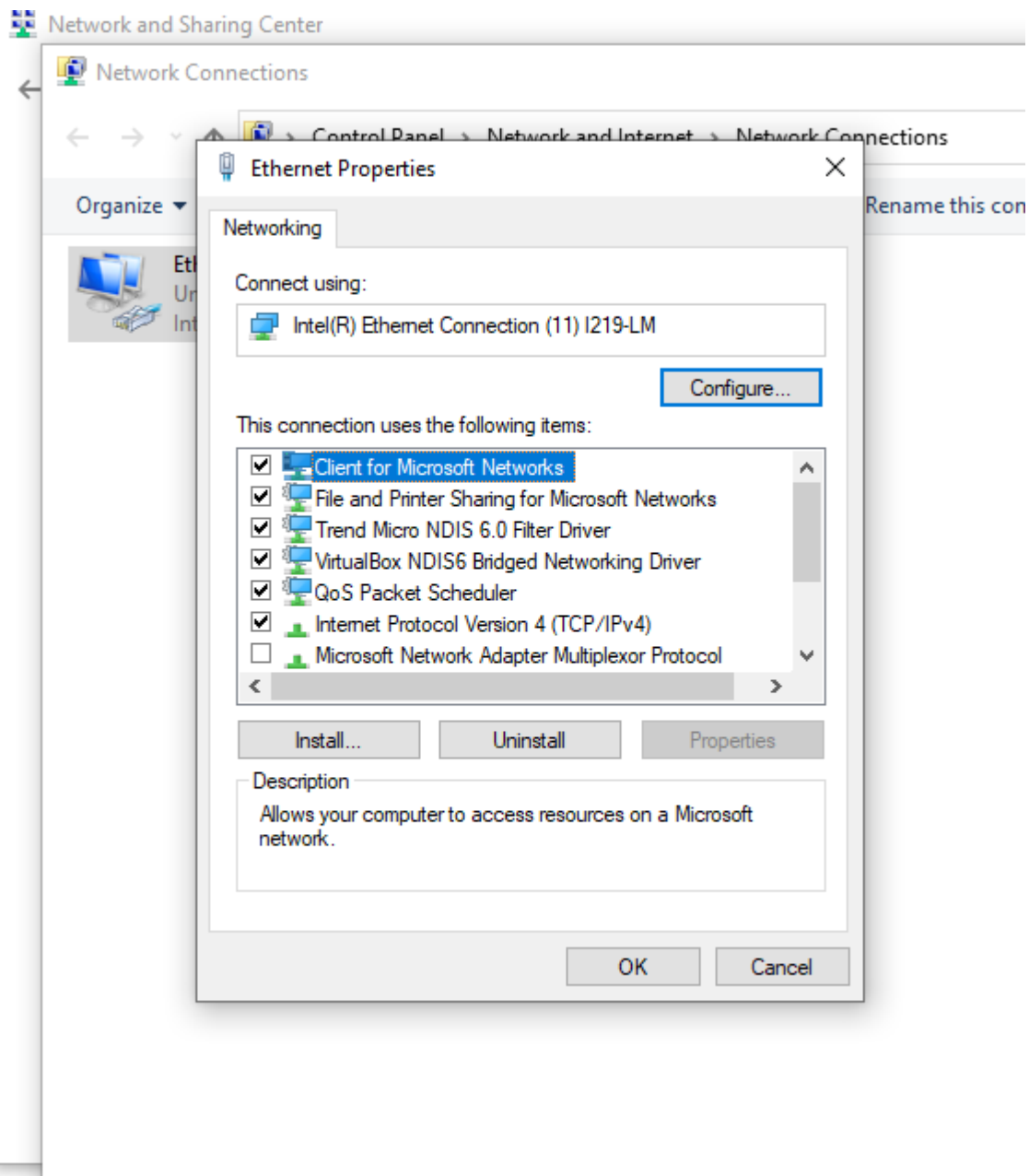
S1(config-line)#password cisco

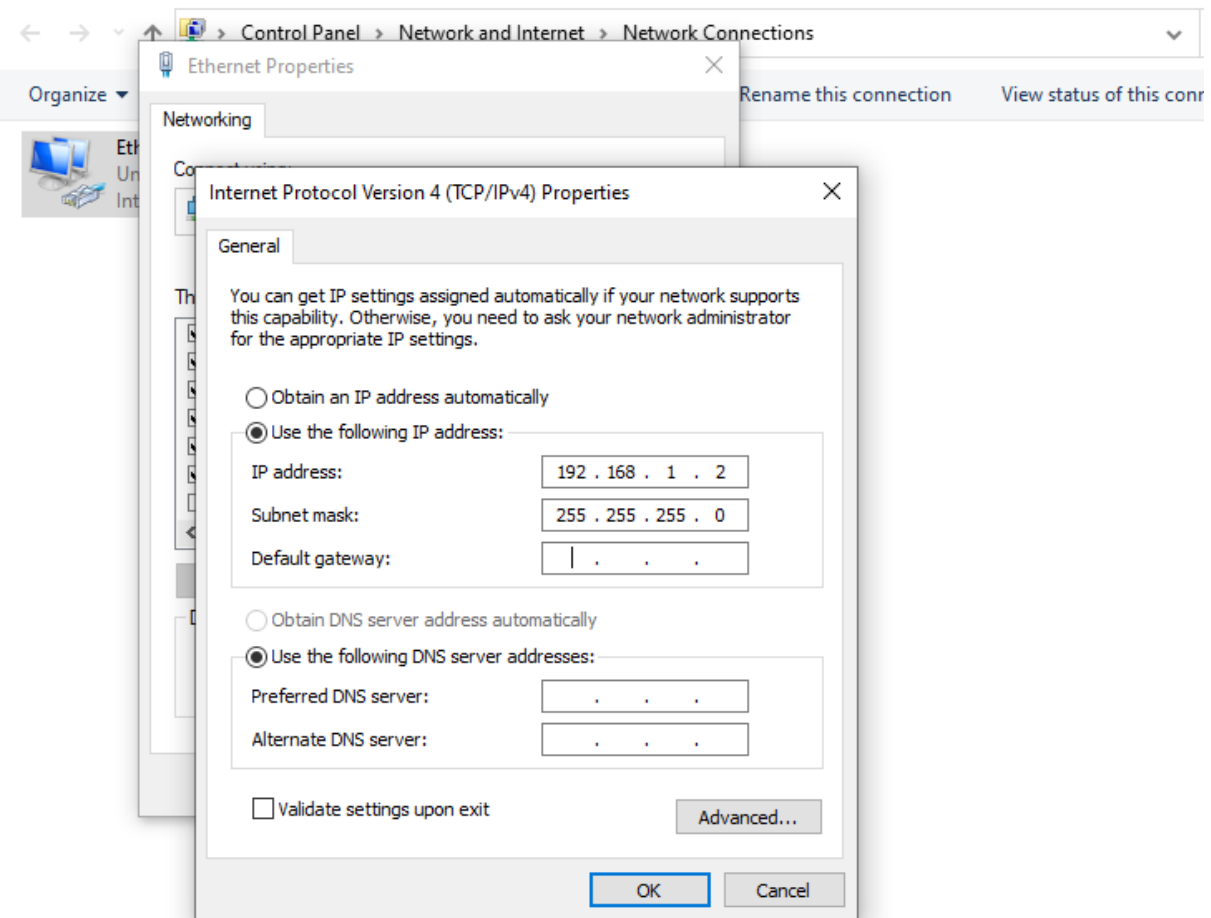
S1(config-line)#login

S1(config-line)#end

S1#

\*Mar 1 00:14:09.279: %SYS-5-CONFIG\_I: Configured from console by console\_





S1#show ip interface brief

Interface	IP-Address	OK?	Method	Status	Protocol
Vlan1	192.168.1.2	YES	manual	up	up
FastEthernet0/1	unassigned	YES	unset	up	up
FastEthernet0/2	unassigned	YES	unset	down	down
FastEthernet0/3	unassigned	YES	unset	down	down
FastEthernet0/4	unassigned	YES	unset	down	down
FastEthernet0/5	unassigned	YES	unset	down	down
FastEthernet0/6	unassigned	YES	unset	down	down
FastEthernet0/7	unassigned	YES	unset	down	down
FastEthernet0/8	unassigned	YES	unset	down	down
FastEthernet0/9	unassigned	YES	unset	down	down
FastEthernet0/10	unassigned	YES	unset	down	down
FastEthernet0/11	unassigned	YES	unset	down	down
FastEthernet0/12	unassigned	YES	unset	down	down
FastEthernet0/13	unassigned	YES	unset	down	down
FastEthernet0/14	unassigned	YES	unset	down	down
FastEthernet0/15	unassigned	YES	unset	down	down
FastEthernet0/16	unassigned	YES	unset	down	down
FastEthernet0/17	unassigned	YES	unset	down	down
FastEthernet0/18	unassigned	YES	unset	down	down
FastEthernet0/19	unassigned	YES	unset	down	down
FastEthernet0/20	unassigned	YES	unset	down	down
FastEthernet0/21	unassigned	YES	unset	down	down
FastEthernet0/22	unassigned	YES	unset	down	down
FastEthernet0/23	unassigned	YES	unset	down	down

FastEthernet0/6	unassigned	YES	unset	down	down
FastEthernet0/7	unassigned	YES	unset	down	down
FastEthernet0/8	unassigned	YES	unset	down	down
FastEthernet0/9	unassigned	YES	unset	down	down
FastEthernet0/10	unassigned	YES	unset	down	down
FastEthernet0/11	unassigned	YES	unset	down	down
FastEthernet0/12	unassigned	YES	unset	down	down
FastEthernet0/13	unassigned	YES	unset	down	down
FastEthernet0/14	unassigned	YES	unset	down	down
FastEthernet0/15	unassigned	YES	unset	down	down

FastEthernet0/16	unassigned	YES	unset	down	down
FastEthernet0/17	unassigned	YES	unset	down	down
FastEthernet0/18	unassigned	YES	unset	down	down
FastEthernet0/19	unassigned	YES	unset	down	down
FastEthernet0/20	unassigned	YES	unset	down	down
FastEthernet0/21	unassigned	YES	unset	down	down
FastEthernet0/22	unassigned	YES	unset	down	down
FastEthernet0/23	unassigned	YES	unset	down	down
FastEthernet0/24	unassigned	YES	unset	down	down
GigabitEthernet0/1	unassigned	YES	unset	down	down
GigabitEthernet0/2	unassigned	YES	unset	down	down

\$1#\_

## Connecting with Telnet

```
Command Prompt
PING: transmit failed. General failure.

Ping statistics for 192.168.1.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\Users\PC 48>ping 192.168.1.2

Pinging 192.168.1.2 with 32 bytes of data:
PING: transmit failed. General failure.
PING: transmit failed. General failure.
PING: transmit failed. General failure.
PING: transmit failed. General failure.

Ping statistics for 192.168.1.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\Users\PC 48>ping 192.168.1.2

Pinging 192.168.1.2 with 32 bytes of data:
Reply from 192.168.1.2: bytes=32 time<1ms TTL=128
Reply from 192.168.1.2: bytes=32 time<1ms TTL=128
Reply from 192.168.1.2: bytes=32 time<1ms TTL=128
Reply from 192.168.1.2: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\PC 48>
```

```
Telnet 192.168.1.2

we have to do this shit again

User Access Verification

Password:
Password:
S1>
```



### Save running-config

```
S1#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
0 bytes copied in 3.465 secs (0 bytes/sec)
S1#
*Mar  1 00:07:45.207: %IP-4-DUPADDR: Duplicate address 192.168.1.2 on Vlan1, sou
rced by b022.7a26.0fe5_
```