

Assignment 4: Basic switch configuration – Hostname, MOTD (message of the day), Password

- a. Configure the hostname of the switch as SW0
- b. Set a MOTD banner for the switch –

Only authorized users allowed

- c. Configure a

Line console password – host@123

Enable secret password – cisco@123

Take a switch. Go to CLI mode. Currently we can see the
hostname is switch.

IOS Command Line Interface

```
63488K bytes of flash-simulated non-volatile configuration memory.
Base ethernet MAC Address: 0060.3E3C.342C
Motherboard assembly number: 73-5781-09
Power supply part number: 34-0965-01
Motherboard serial number: FOC061004SZ
Power supply serial number: DAB0609127D
Model revision number: C0
Motherboard revision number: A0
Model number: WS-C2950-24
System serial number: FHK061020WC

Cisco Internetwork Operating System Software
IOS (tm) C2950 Software (C2950-I6Q4L2-M), Version 12.1(22)EA4, RELEASE
SOFTWARE(fc1)
Copyright (c) 1986-2005 by cisco Systems, Inc.
Compiled Wed 18-May-05 22:31 by jharirba
```

Press RETURN to get started!

```
Switch>
Switch>
Switch>
Switch>
Switch>
Switch>
Switch>
Switch>
```

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Now, we need to change the hostname of the switch - SW0

- Currently, we are in user mode
- First, we need to enter to the global configuration mode
- Type “enable” to go to privilege mode
- Now, type “config t” to go to the global configuration mode
- Type “hostname sw0” then type “exit”
- Now you can see the hostname sw0

IOS Command Line Interface

Press RETURN to get started!

Switch>

Switch>

Switch>

Switch>

Switch>

Switch>enable

Switch#config t

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

Switch(config)#

Switch#

%SYS-5-CONFIG_I: Configured from console by console

Switch#config t

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

Switch(config)#hostname sw0

sw0(config)#exit

sw0#

%SYS-5-CONFIG_I: Configured from console by console

sw0#

sw0#

sw0#exit

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b. Set a MOTD banner for the switch –

Only authorized users allowed

IOS Command Line Interface

```
sw0>
sw0>
sw0>
sw0>
sw0>enable
sw0#config t
Enter configuration commands, one per line.  End with CNTL/Z.
sw0(config)#banner motd $
Enter TEXT message.  End with the character '$'.
*****
Only authorized users allowed
*****
$

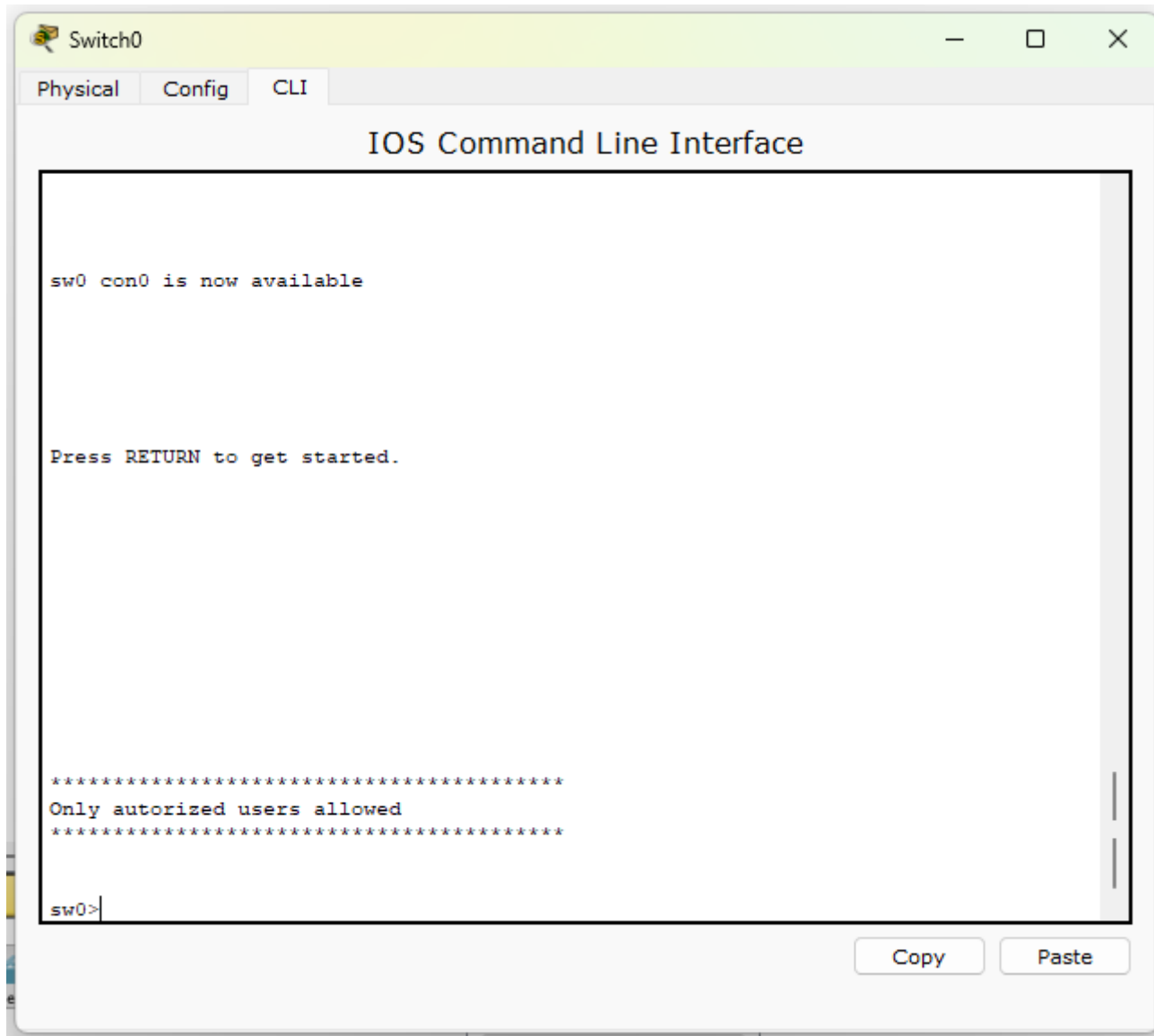
sw0(config)#exit
sw0#
%SYS-5-CONFIG_I: Configured from console by console

sw0#exit
```

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Now you can see the MOTD banner



c. Configure a

Line console password – host@123

Enable secret password – cisco@123

IOS Command Line Interface

```
*****  
Only authorized users allowed  
*****
```

```
sw0>enable
```

```
sw0#sh run
```

```
Building configuration...
```

```
Current configuration : 1103 bytes
```

```
!
```

```
version 12.1
```

```
no service timestamps log datetime msec
```

```
no service timestamps debug datetime msec
```

```
no service password-encryption
```

```
!
```

```
hostname sw0
```

```
!
```

```
!
```

```
!
```

```
spanning-tree mode pvst
```

```
!
```

```
interface FastEthernet0/1
```

```
!
```

```
interface FastEthernet0/2
```

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IOS Command Line Interface

```
!
interface FastEthernet0/22
!
interface FastEthernet0/23
!
interface FastEthernet0/24
!
interface Vlan1
  no ip address
  shutdown
!
banner motd ^C
*****
Only authorized users allowed
*****
^C
!
!
!
line con 0
!
line vty 0 4
  login
line vty 5 15
  login
!
!
end

--More--
```

Currently no line console password is there.

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IOS Command Line Interface

```
sw0#
sw0#config t
Enter configuration commands, one per line.  End with CNTL/Z.
sw0(config)#line con 0
sw0(config-line)#password host@123
sw0(config-line)#login
sw0(config-line)#exit
sw0(config)#enable secret cisco@123
sw0(config)#
sw0(config)#
sw0(config)#
sw0(config)#exit
sw0#
%SYS-5-CONFIG_I: Configured from console by console

sw0#
sw0#
sw0#
sw0#
sw0#
sw0#
sw0#
sw0#
sw0#
sw0#exit
```

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IOS Command Line Interface

Press RETURN to get started!

Only authorized users allowed

User Access Verification

Password: **Line console password – host@123**
Password:

sw0>enable
Password: **Enable secret password – cisco@123**
sw0#

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IOS Command Line Interface

Press RETURN to get started!

Only authorized users allowed

User Access Verification

Password:

Password:

sw0>enable

Password:

sw0#sh run

Building configuration...

Current configuration : 1178 bytes

!

version 12.1

no service timestamps log datetime msec

no service timestamps debug datetime msec

no service password-encryption

!

hostname sw0

!

enable secret 5 \$1\$mERr\$6O7HXbIpaOLamSXRNemy0.

!

!

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IOS Command Line Interface

```
interface FastEthernet0/23
!
interface FastEthernet0/24
!
interface Vlan1
  no ip address
  shutdown
!
banner motd ^C
*****
Only authorized users allowed
*****
^C
!
!
!
line con 0
  password host@123
  login
!
line vty 0 4
  login
line vty 5 15
  login
!
!
end

sw0#
```

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