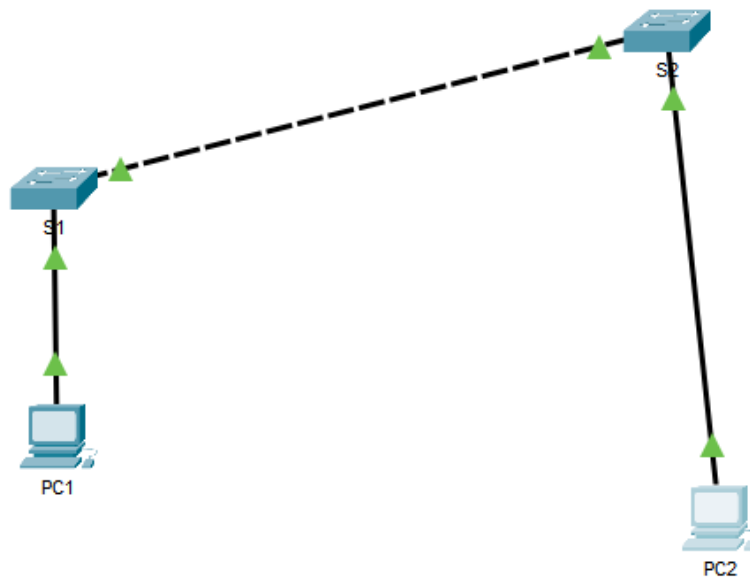# CN LAB

TASK-3

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Topology:

For Swich 1:

Part:1

Verify the Default Switch Configuration

```
Switch>enable
Switch#show running-config
Building configuration...

Current configuration : 1080 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Switch
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
!
interface FastEthernet0/2
```

Part-2: Create a basic switch configuration

```
Switch#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Switch(config)#hostname S1
S1(config)#exit
S1#
%SYS-5-CONFIG_I: Configured from console by console

S1#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
S1(config)#line console 0
S1(config-line)#password letmein
S1(config-line)#login
S1(config-line)#exit
S1(config)#exit
S1#
%SYS-5-CONFIG_I: Configured from console by console

S1#
S1#exit
```

```
User Access Verification

Password:

S1>enable
S1#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
S1(config)#enable password cl$c0
S1(config)#exit
S1#
%SYS-5-CONFIG_I: Configured from console by console

S1#show running-config
Building configuration...

Current configuration : 1125 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname S1
!
enable password cl$c0
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
```

Part-3:

Copy a MOTD Banner

```
config t
Enter configuration commands, one per line.  End with CNTL/Z.
S1(config)#banner motd "This is a secure system.Authorised Access only!"
S1(config)#exit
S1#
%SYS-5-CONFIG_I: Configured from console by console
```

Part-4: Save Configuration files to NVRAM

```
S1#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
```

```
S1#show startup-config
Using 1251 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
service password-encryption
!
hostname S1
!
enable secret 5 $1$mERr$ILwq/b7kc.7X/ejA4Aosn0
enable password 7 08221D0A0A49
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
!
 --More--
```

Part-5:Configure S2

```
Switch>enable
Switch#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
Switch#
?Bad filename
%Error parsing filename (Bad file number)
Switch#
Switch#enable
Switch#sho running-config
Building configuration...

Current configuration : 1018 bytes
!
version 12.1
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Switch
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
!
interface FastEthernet0/2

Switch# configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Switch(config)# hostname S2
```

```
User Access Verification

Password:

S2> enable
S2# show running-config
Building configuration...

Current configuration : 1039 bytes
!
version 12.1
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname S2
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
!
interface FastEthernet0/2

S2#
S2# configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
S2(config)# enable password cl$c0
S2(config)# exit
S2#
%SYS-5-CONFIG_I: Configured from console by console

S2(config)# exit
S2#
%SYS-5-CONFIG_I: Configured from console by console

S2# configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
S2(config)# line console 0
S2(config-line)# password letmein
S2(config-line)# login
S2(config-line)# exit
S2(config)#exit
S2#
%SYS-5-CONFIG_I: Configured from console by console

S2# exit
```

```
S2# config t
Enter configuration commands, one per line.  End with CNTL/Z.
S2(config)# enable secret itsasecret
S2(config)# exit
S2#
%SYS-5-CONFIG_I: Configured from console by console

S2# show run
Building configuration...

Current configuration : 1110 bytes
!
version 12.1
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname S2
!
enable secret 5 $1$mERr$ILwq/b7kc.7X/ejA4Aosn0
enable password cl$c0
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
 --More-- |
```