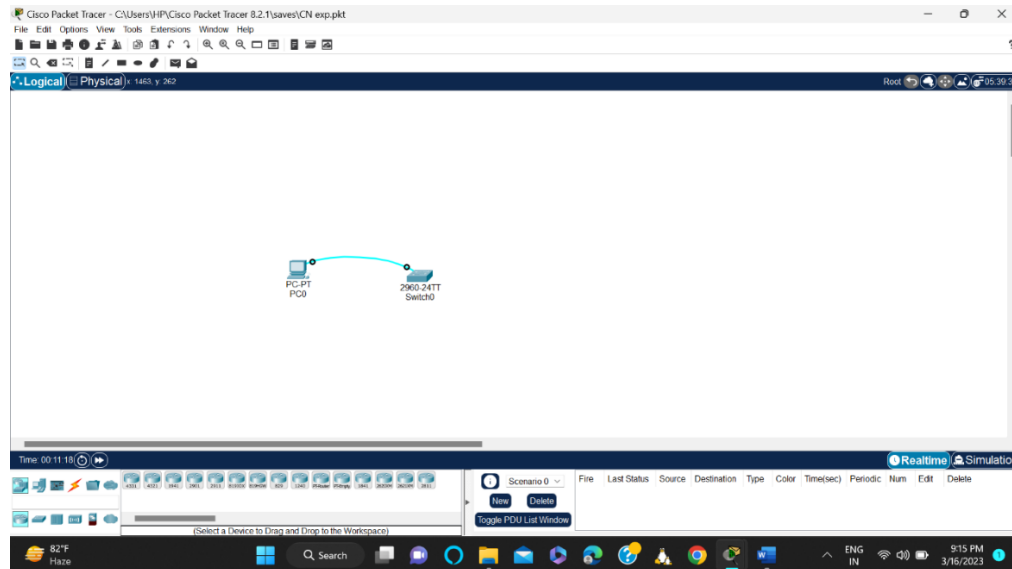


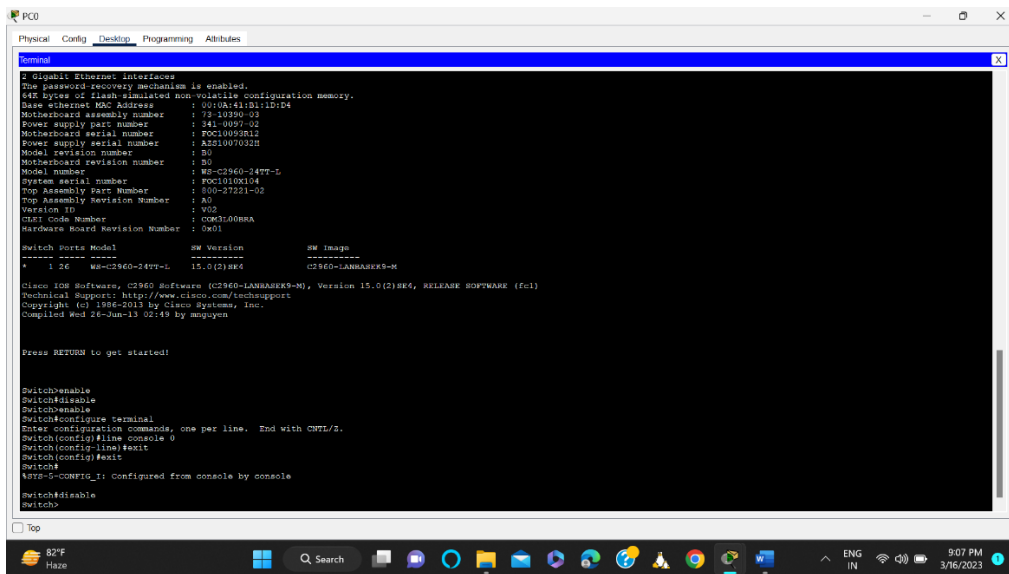
Practical – 2



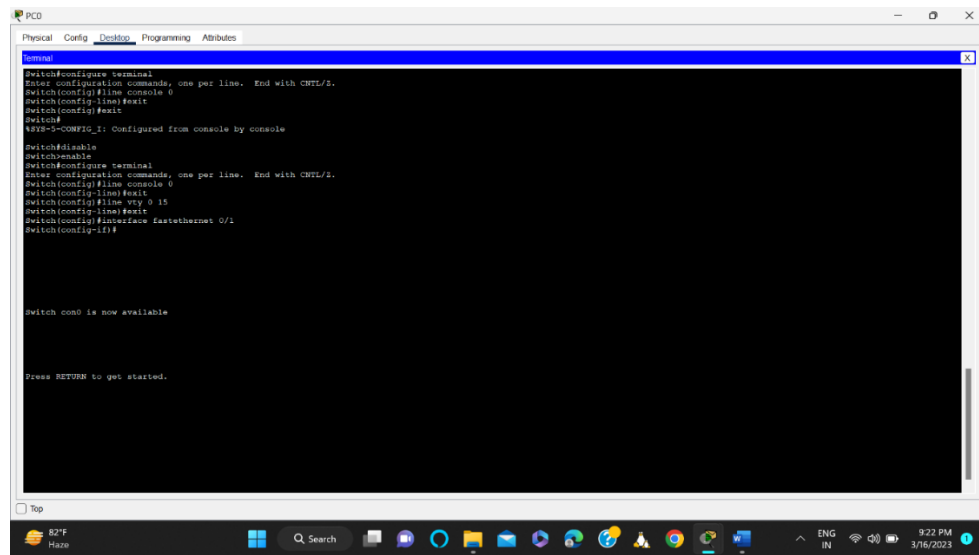
Step 1 : Run <enable> to go from global to privilege

Step 2 : Run <configure terminal> to go in config

Step 3 : Run <line console 0> to go in config-line (console)



Step 4: Run <line vty 0 15> to go from config to config-line



```
PCD
Physical Config Desktop Programming Attributes
Terminal
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#line console 0
Switch(config-line)#exit
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console
Switch#disable
Switch#enable
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#line console 0
Switch(config-line)#exit
Switch(config)#line vty 0 15
Switch(config-line)#login
Switch(config-line)#password cisco
Switch(config-line)#exit
Switch(config)#exit
Switch#
Switch conf is now available.

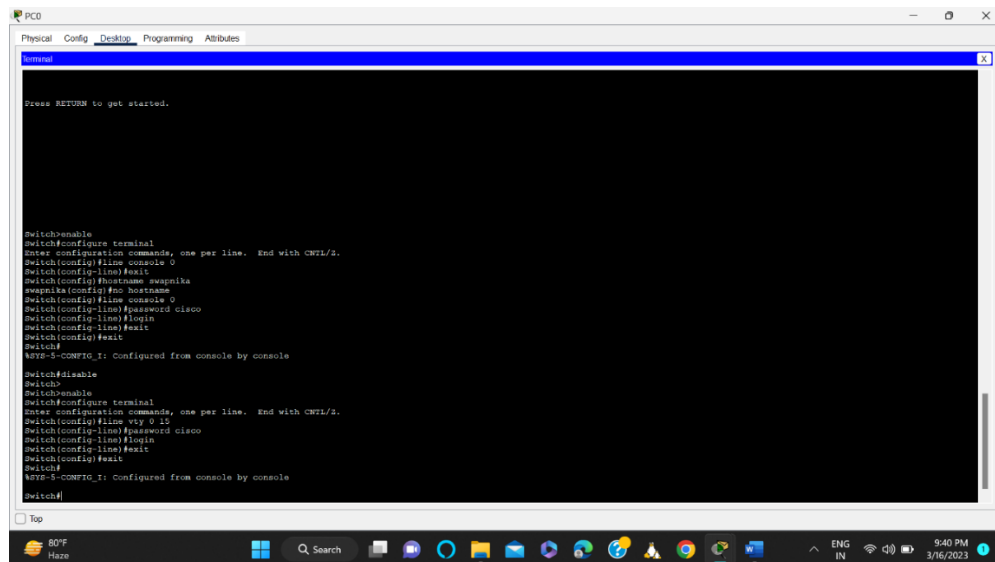
Press RETURN to get started.
```

Step 5: Change hostname

Step 6: Set password for config line (console)

Step 7: Set password for config line(line vty)

Step 8: Set password for privilege execution mode

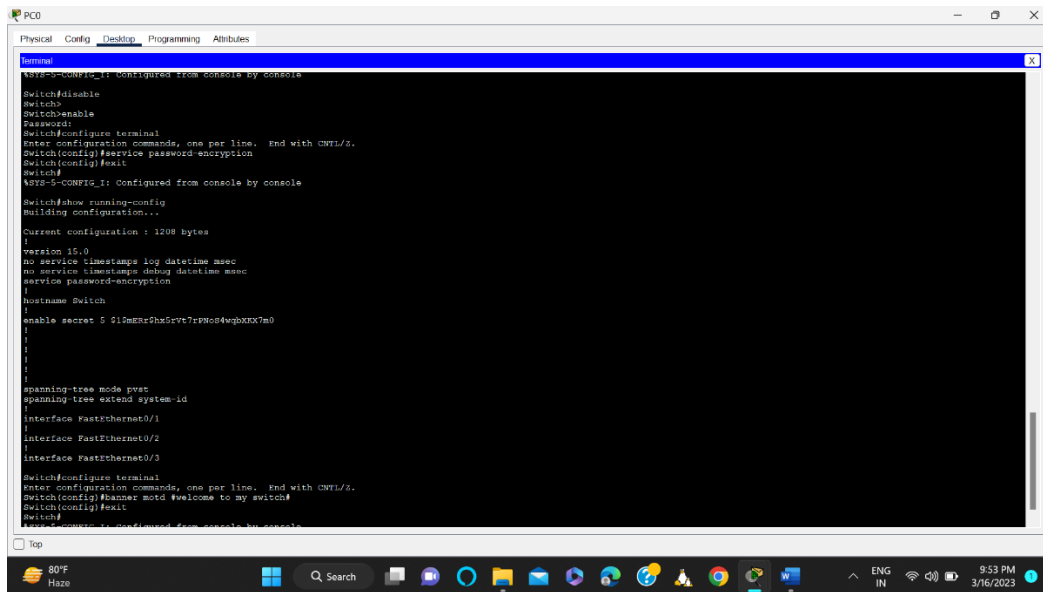


```
PCD
Physical Config Desktop Programming Attributes
Terminal
Press RETURN to get started.

Switch#enable
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#line console 0
Switch(config-line)#exit
Switch(config)#hostname switch
switch(config)#no hostname
Switch(config-line)#password cisco
Switch(config-line)#login
Switch(config-line)#exit
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console
Switch#disable
Switch#enable
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#line vty 0 15
Switch(config-line)#password cisco
Switch(config-line)#login
Switch(config-line)#exit
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console
Switch#
```

Step-9: Encrypt password

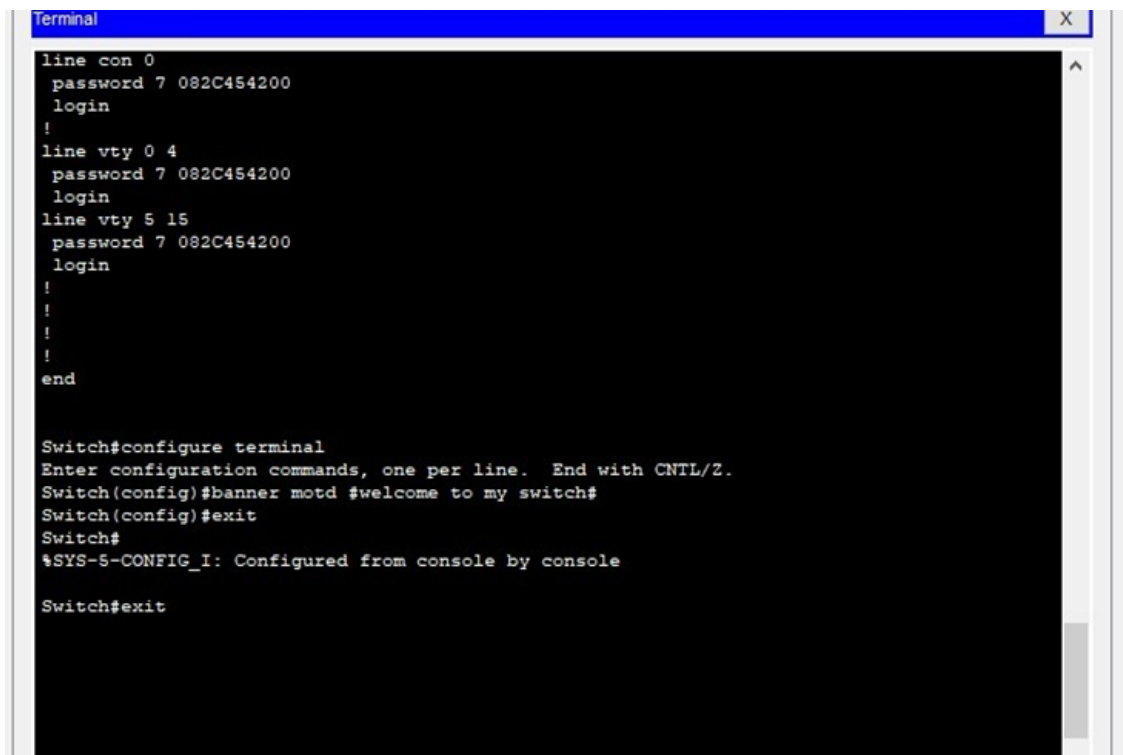
Step-10: Show Running Config



```
PC0
Physical Config Desktop Programming Attributes
Terminal
%SYS-5-CONFIG_I: Configured from console by console
Switch#disable
Switch#
Switch#enable
Password:
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#service password-encryption
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console
Switch#show running-config
Building configuration...

Current configuration : 1208 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
service password-encryption
!
hostname Switch
!
enable secret 5 $1m$mx$ha5r7zr$w004eq$bkx7m0
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
!
interface FastEthernet0/2
!
interface FastEthernet0/3
!
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#banner motd #welcome to my switch#
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console
```

Step 11: Test message of the day

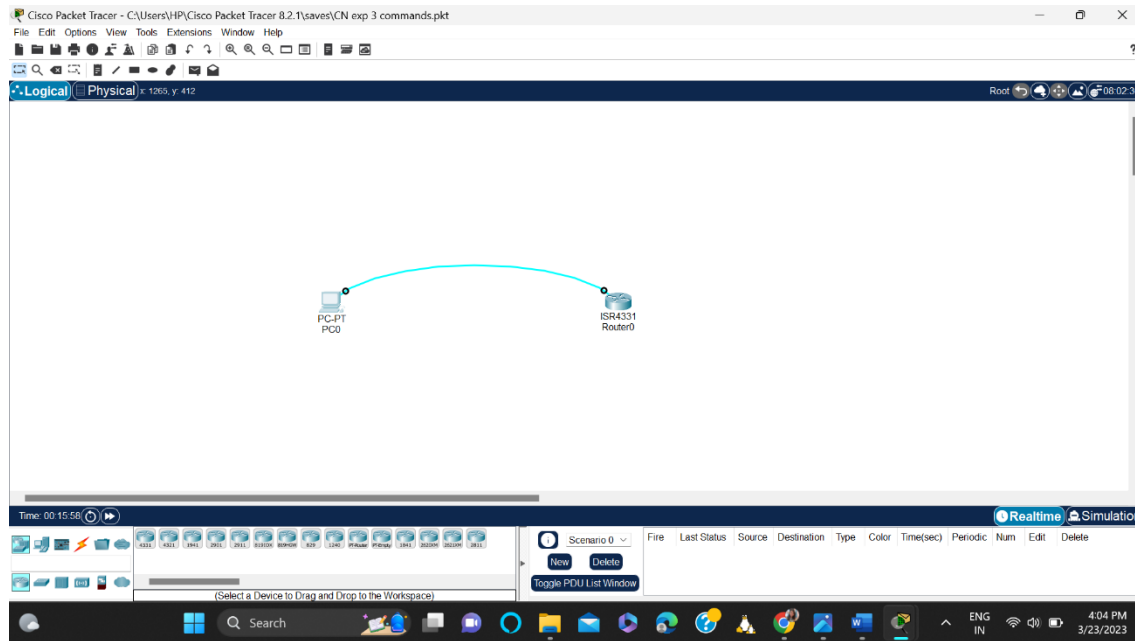


```
Terminal
line con 0
password 7 082C454200
login
!
line vty 0 4
password 7 082C454200
login
line vty 5 15
password 7 082C454200
login
!
!
!
!
end

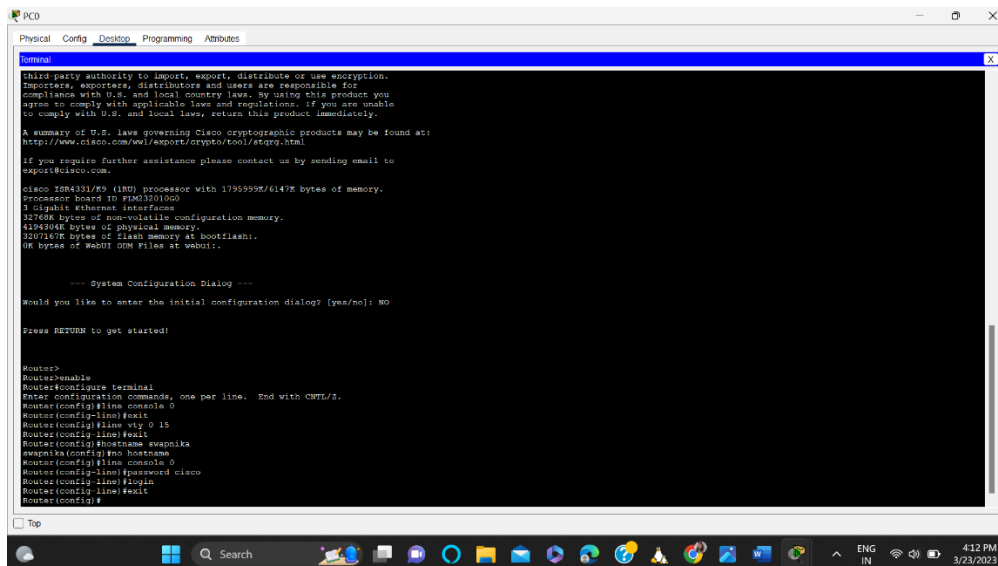
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#banner motd #welcome to my switch#
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console

Switch#exit
```

PRACTICAL – 3



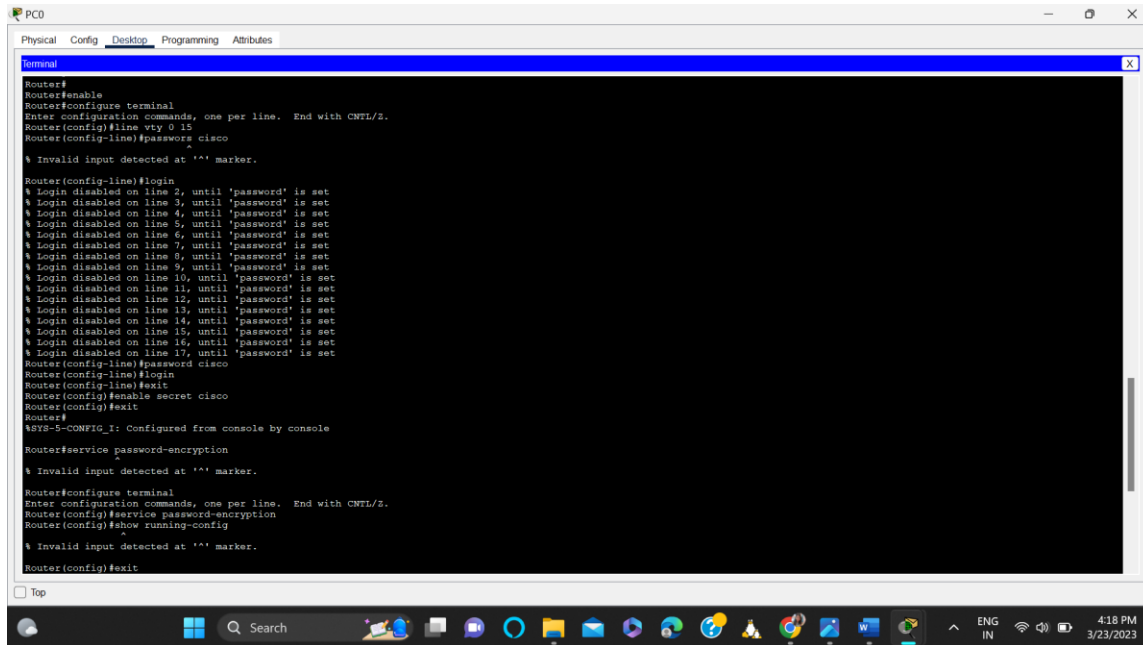
- Step 1 : Run <enable> to go from global to privilege
- Step 2 : Run <configure terminal> to go in config
- Step 3 : Run <line console 0> to go in config-line (console)
- Step 4: Run <line vty 0 15> to go from config to config-line
- Step 5: Change hostname
- Step 6: Set password for config line (console)



- Step 7: Set password for config line (line vty)

Step 8: Set password for privilege execution mode

Step-9: Encrypt password

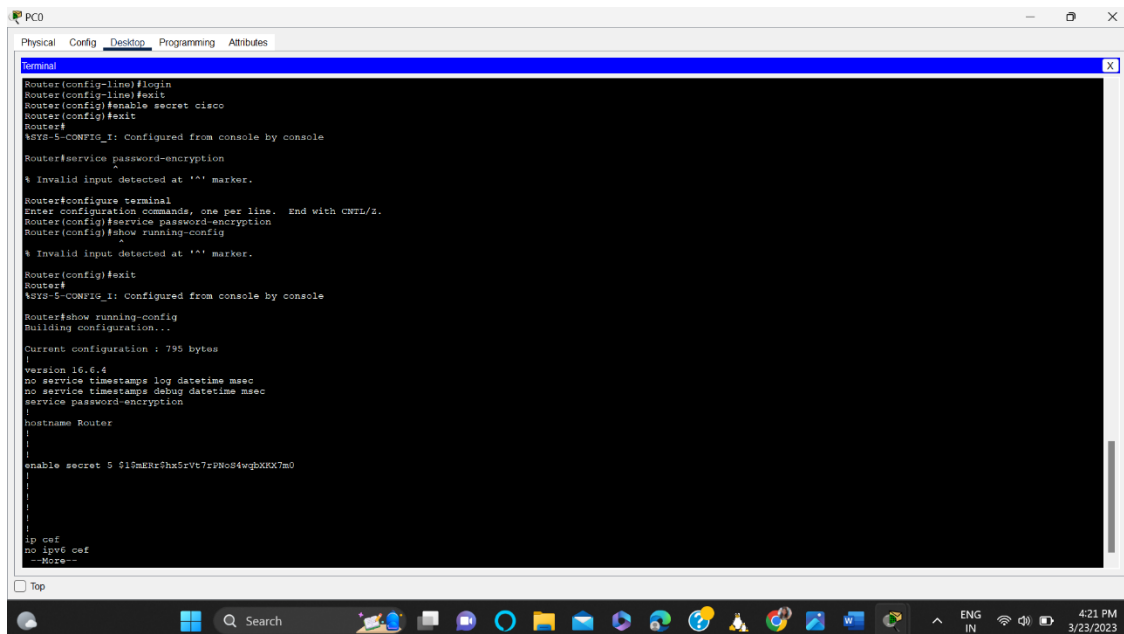


```
PC0
Physical Config Desktop Programming Attributes

Router#
Router#enable
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#line vty 0 15
Router(config-line)#passwords cisco
^
% Invalid input detected at '^' marker.
Router(config-line)#login
% Login disabled on line 2, until 'password' is set
% Login disabled on line 3, until 'password' is set
% Login disabled on line 4, until 'password' is set
% Login disabled on line 5, until 'password' is set
% Login disabled on line 6, until 'password' is set
% Login disabled on line 7, until 'password' is set
% Login disabled on line 8, until 'password' is set
% Login disabled on line 9, until 'password' is set
% Login disabled on line 10, until 'password' is set
% Login disabled on line 11, until 'password' is set
% Login disabled on line 12, until 'password' is set
% Login disabled on line 13, until 'password' is set
% Login disabled on line 14, until 'password' is set
% Login disabled on line 15, until 'password' is set
% Login disabled on line 16, until 'password' is set
% Login disabled on line 17, until 'password' is set
Router(config-line)#password cisco
Router(config-line)#login
Router(config-line)#exit
Router(config)#enable secret cisco
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#service password-encryption
^
% Invalid input detected at '^' marker.
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#service password-encryption
Router(config)#show running-config
^
% Invalid input detected at '^' marker.
Router(config)#exit
```

Step-10: Show Running Config



```
PC0
Physical Config Desktop Programming Attributes

Router(config-line)#login
Router(config-line)#exit
Router(config)#enable secret cisco
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#service password-encryption
^
% Invalid input detected at '^' marker.
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#service password-encryption
Router(config)#show running-config
^
% Invalid input detected at '^' marker.
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#show running-config
Building configuration...

Current configuration : 795 bytes
!
version 16.6.4
no service timestamps log datetime msec
no service timestamps debug datetime msec
service password-encryption
!
hostname Router
!
enable secret 5 $1m$Hr$ha5rV67rPNoB4qgbMKX7m0
!
!
!
!
ip cef
no ipv6 cef
--More--
```