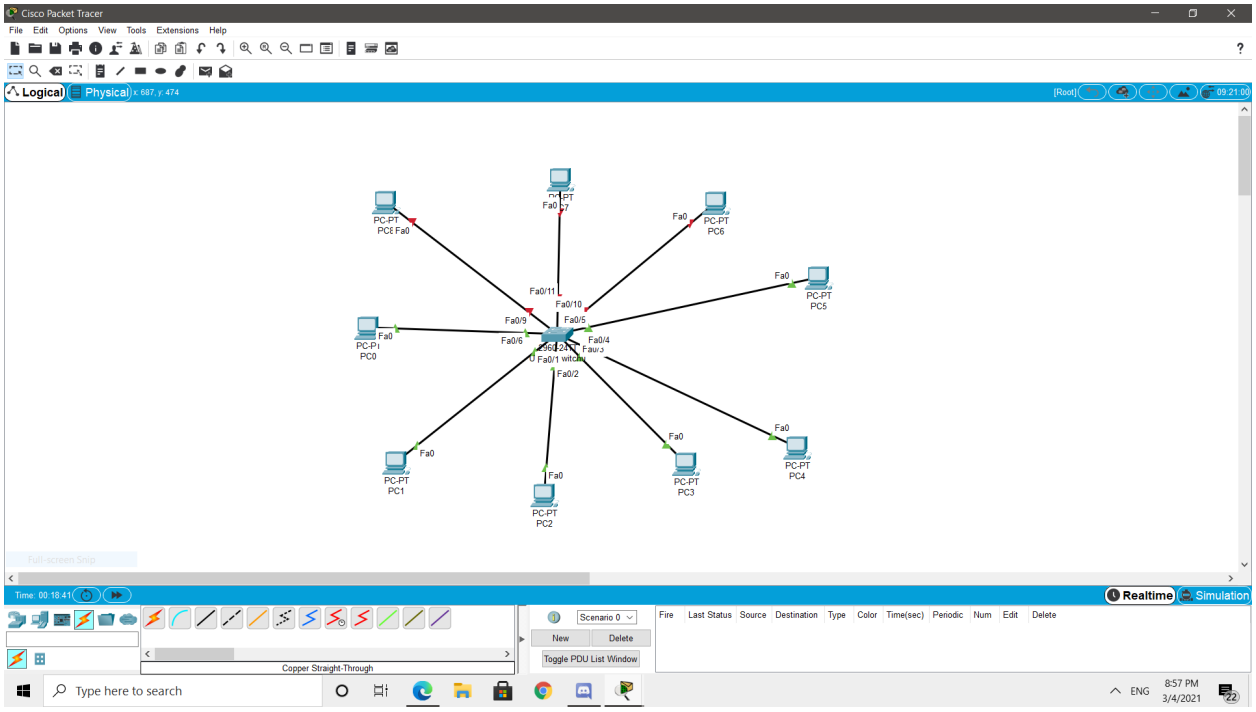
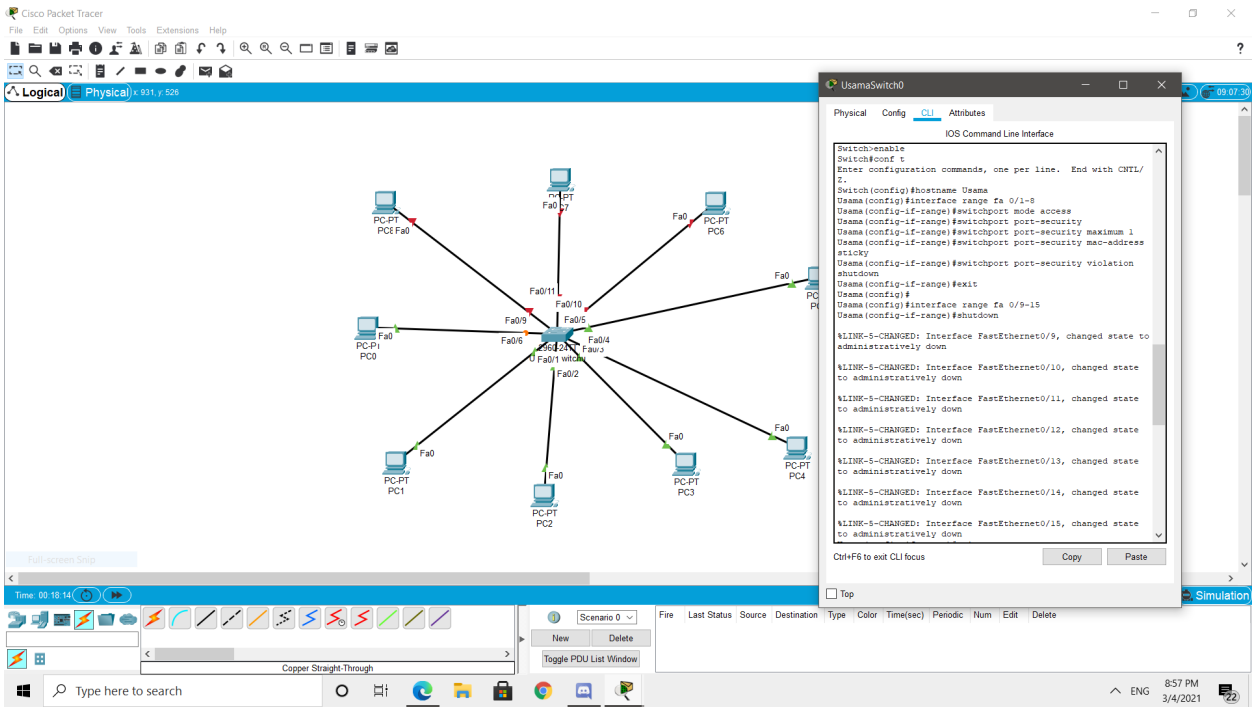
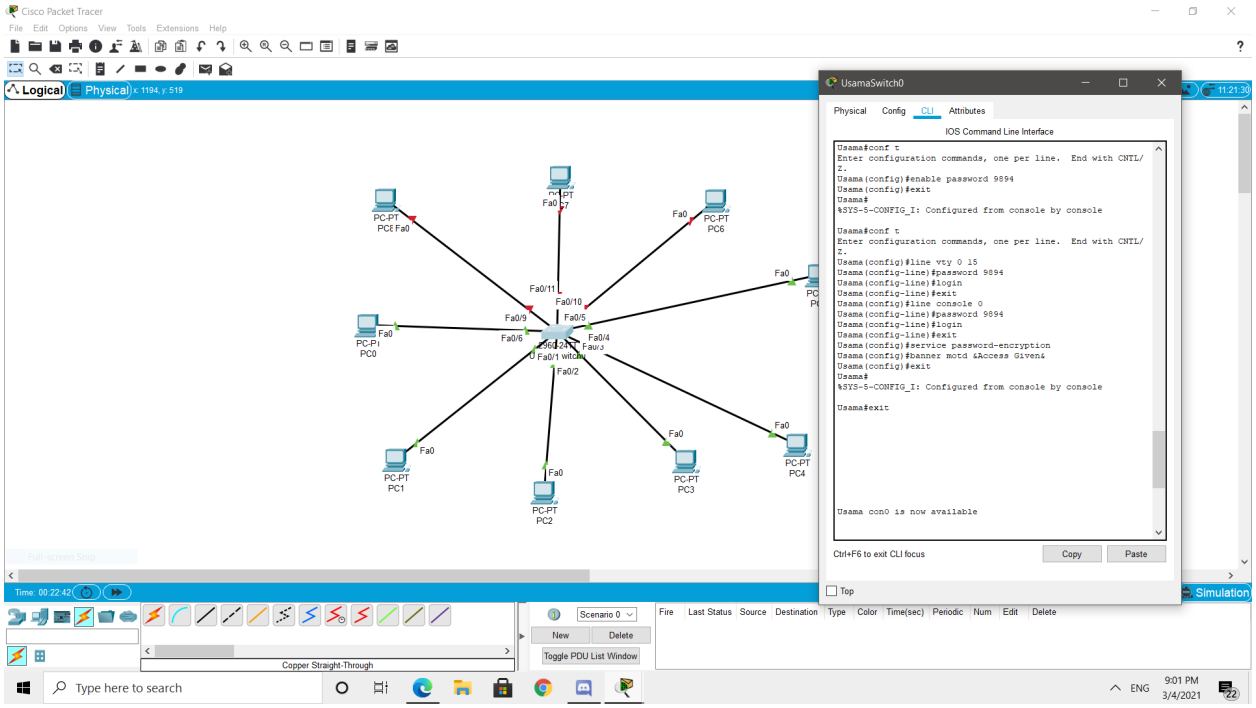
LAB TASK 8

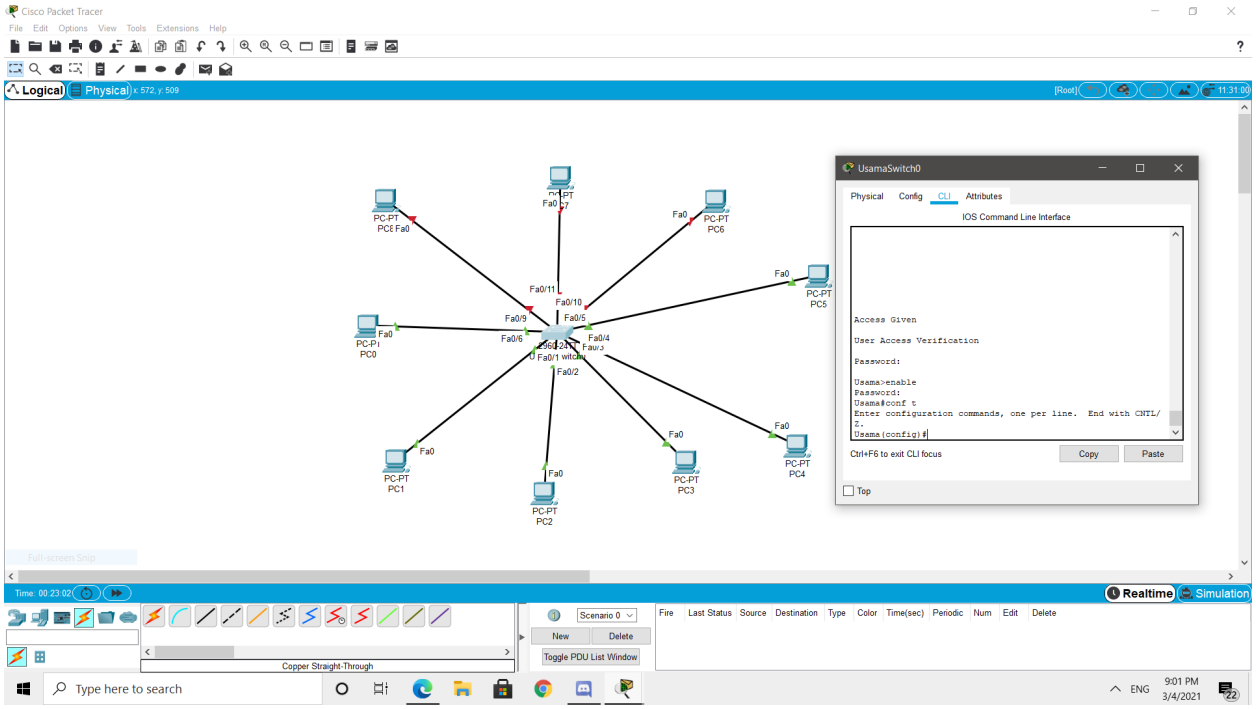
Usama Rehman
9894

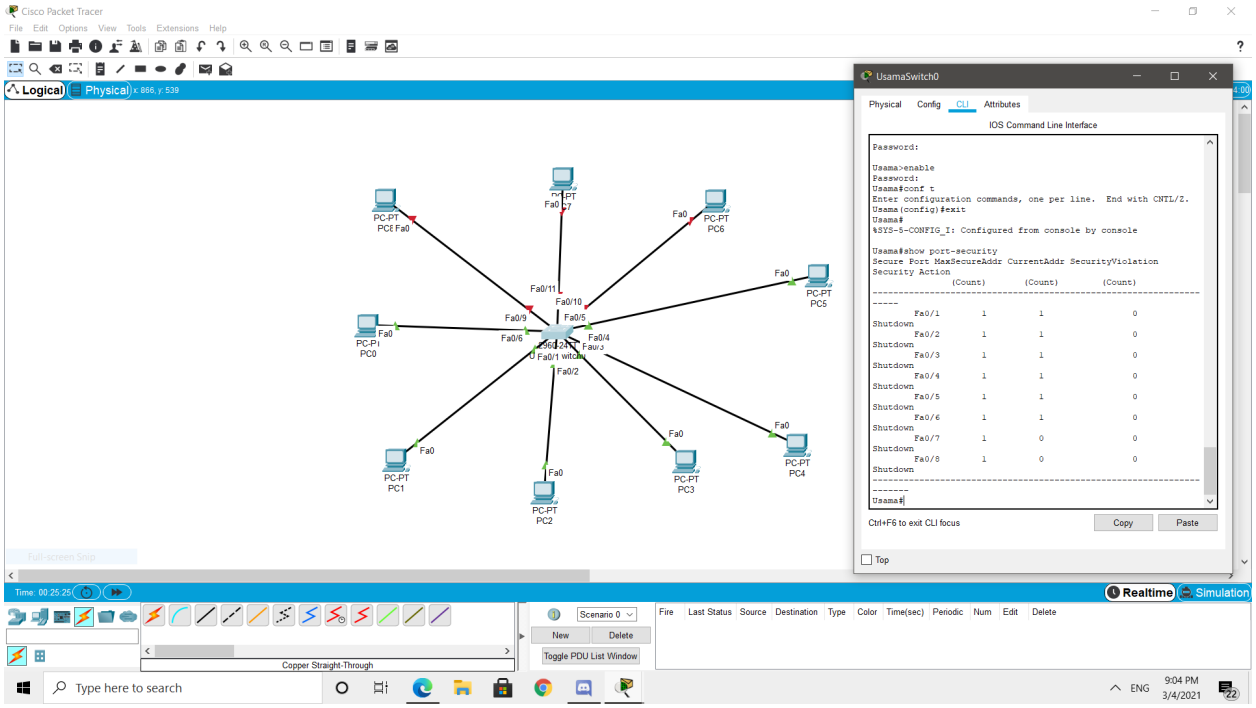
Screenshots:-

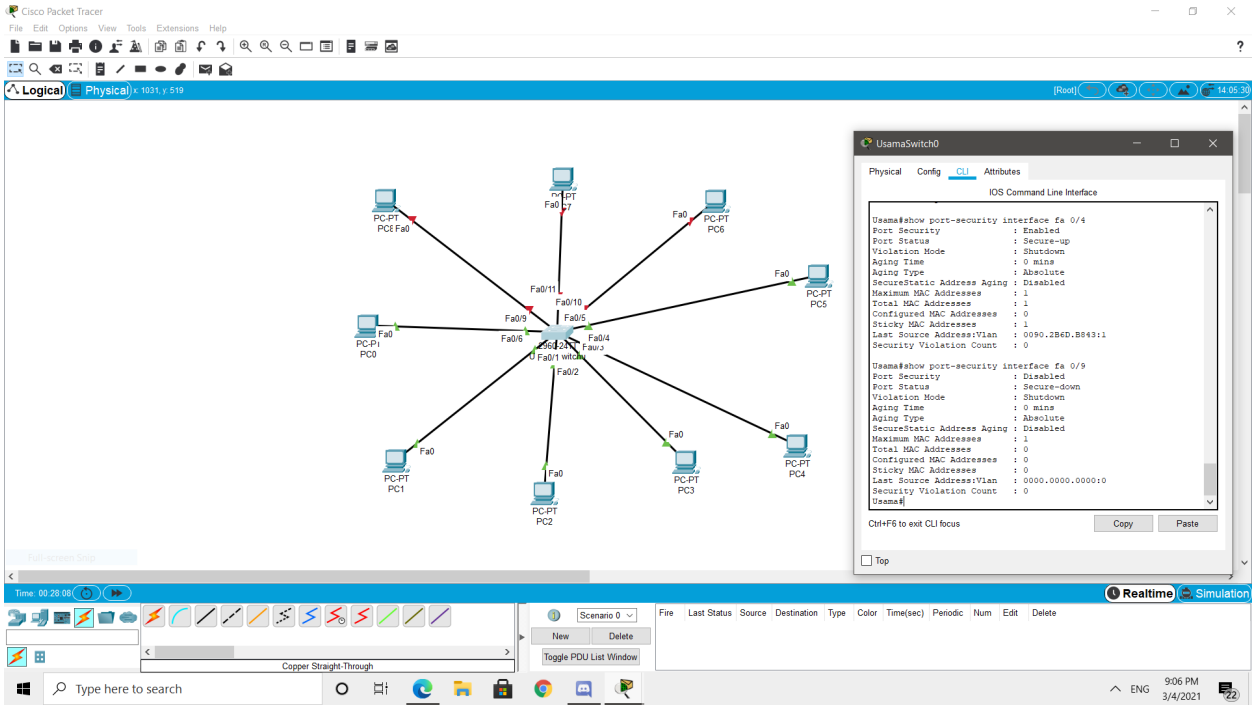


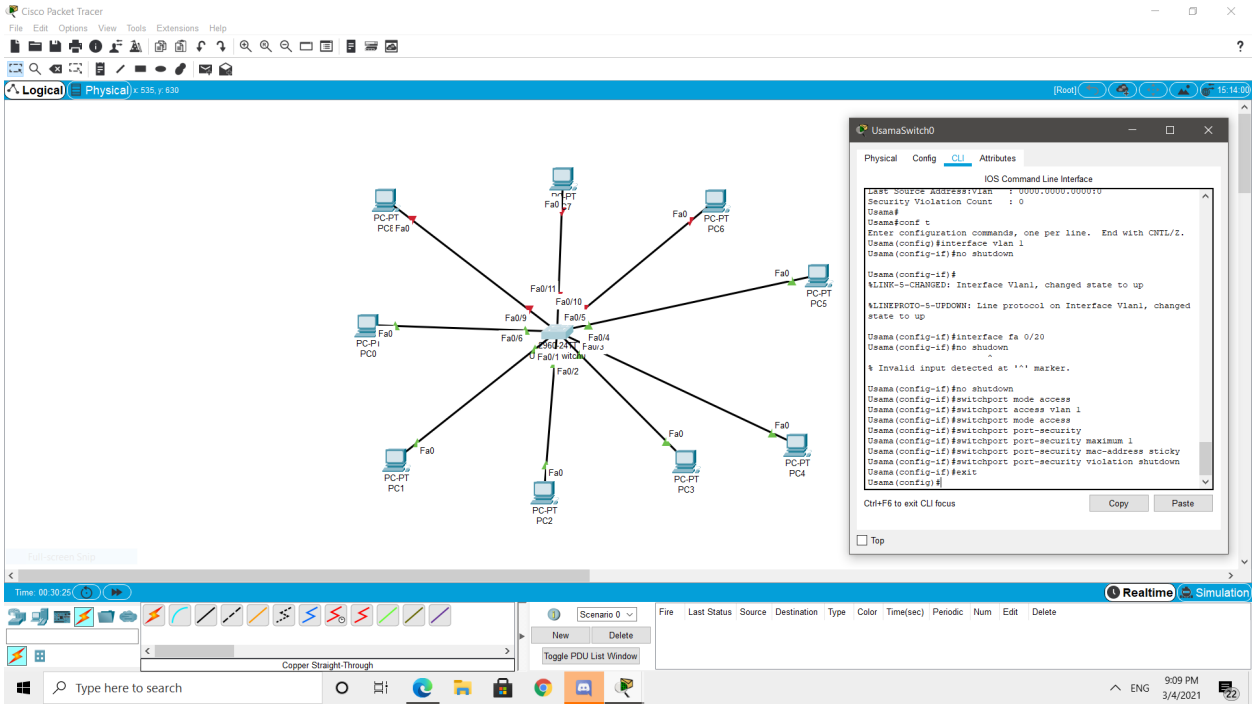


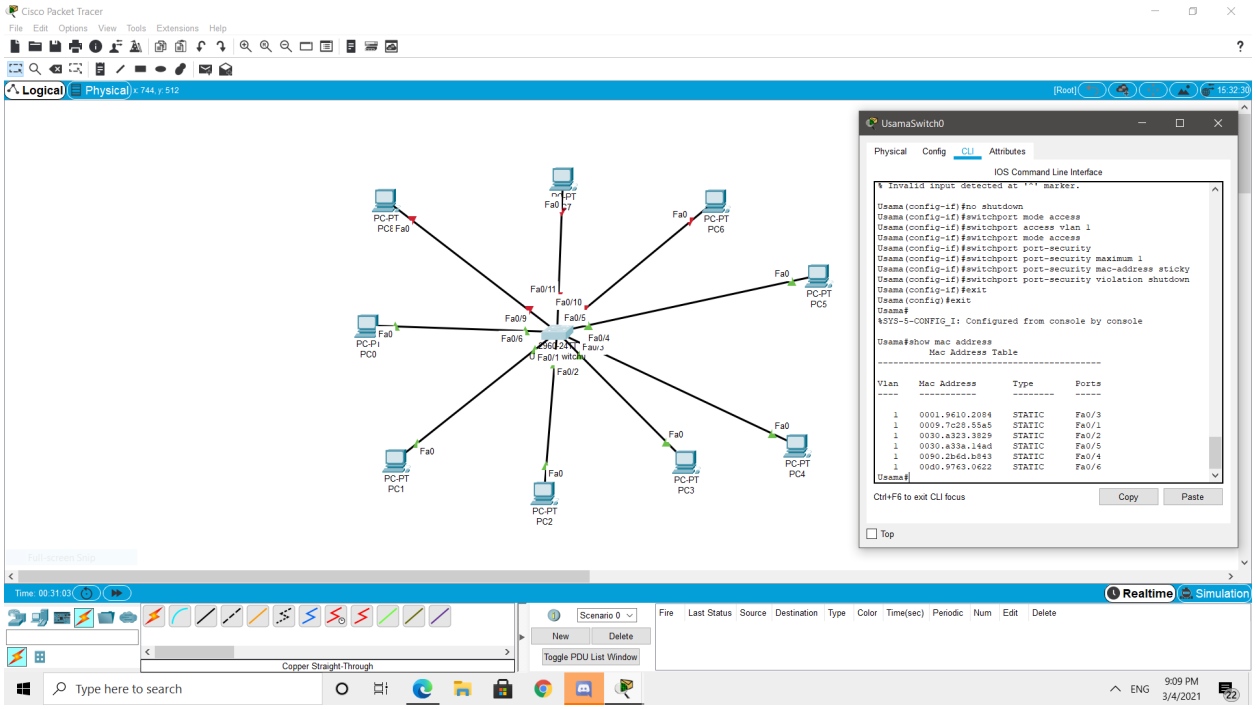

Cisco Packet Tracer
File Edit Options View Tools Extensions Help
Logical Physical x: 1194, y: 519
UsamaSwitch0
Physical Config CLI Attributes
IOS Command Line Interface
Usama#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Usama(config)#enable password 9894
Usama(config)#exit
Usama#
%SYS-5-CONFIG_I: Configured from console by console
Usama#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Usama(config)#line vty 0 15
Usama(config-line)#password 9894
Usama(config-line)#login
Usama(config-line)#exit
Usama(config)#line console 0
Usama(config-line)#password 9894
Usama(config-line)#login
Usama(config-line)#exit
Usama(config)#service password-encryption
Usama(config)#banner motd &Access Given&
Usama(config)#exit
Usama#
%SYS-5-CONFIG_I: Configured from console by console
Usama#exit
Usama con0 is now available
Ctrl+F6 to exit CLI focus
Copy
Paste
Top
PC-PT PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
PC-PT PC4
PC-PT PC6
Fa0/1 switch
Copper Straight-Through
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Type here to search
ENG
9:01 PM
3/4/2021


Cisco Packet Tracer
File Edit Options View Tools Extensions Help
Logical Physical x: 572, y: 509
UsamaSwitch0
Physical Config CLI Attributes
IOS Command Line Interface
Access Given
User Access Verification
Password:
Usama>enable
Password:
Usama#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Usama(config)#
Ctrl+F6 to exit CLI focus
Copy
Paste
Top
PC-PT PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
PC-PT PC4
PC-PT PC5
PC-PT PC6
Fa0/1 switch
Realtime
Simulation
Copper Straight-Through
Scenario 0
New
Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Type here to search
ENG
9:01 PM
3/4/2021


Cisco Packet Tracer
File Edit Options View Tools Extensions Help
Logical Physical x: 866, y: 539
UsamaSwitch0
Physical Config CLI Attributes
IOS Command Line Interface
Password:
Usama>enable
Password:
Usama#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Usama(config)#exit
Usama#
%SYS-5-CONFIG_I: Configured from console by console
Usama#show port-security
Secure Port MaxSecureAddr CurrentAddr SecurityViolation
Security Action
(Count) (Count) (Count)
Fa0/1 1 1 0
Shutdown
Fa0/2 1 1 0
Shutdown
Fa0/3 1 1 0
Shutdown
Fa0/4 1 1 0
Shutdown
Fa0/5 1 1 0
Shutdown
Fa0/6 1 1 0
Shutdown
Fa0/7 1 0 0
Shutdown
Fa0/8 1 0 0
Shutdown
Usama#
Ctrl+F6 to exit CLI focus
Copy
Paste
Top
PC-PT PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
PC-PT PC4
PC-PT PC5
PC-PT PC6
PC-PT PC7
Fa0/1 switch
Time: 00:25:25
Realtime
Simulation
Scenario 0
New
Delete
Toggle PDU List Window
Copper Straight-Through
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Type here to search
ENG
9:04 PM
3/4/2021


Cisco Packet Tracer
File Edit Options View Tools Extensions Help
Logical Physical x: 1031, y: 519
UsamaSwitch0
Physical Config CLI Attributes
IOS Command Line Interface
Usama#show port-security interface fa 0/4
Port Security : Enabled
Port Status : Secure-up
Violation Mode : Shutdown
Aging Time : 0 mins
Aging Type : Absolute
SecureStatic Address Aging : Disabled
Maximum MAC Addresses : 1
Total MAC Addresses : 1
Configured MAC Addresses : 0
Sticky MAC Addresses : 1
Last Source Address:Vlan : 0090.2BED.B843:1
Security Violation Count : 0
Usama#show port-security interface fa 0/9
Port Security : Disabled
Port Status : Secure-down
Violation Mode : Shutdown
Aging Time : 0 mins
Aging Type : Absolute
SecureStatic Address Aging : Disabled
Maximum MAC Addresses : 1
Total MAC Addresses : 0
Configured MAC Addresses : 0
Sticky MAC Addresses : 0
Last Source Address:Vlan : 0000.0000.0000:0
Security Violation Count : 0
Usama#
Ctrl+F6 to exit CLI focus
Copy
Paste
Top
PC-PT PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
PC-PT PC4
PC-PT PC5
PC-PT PC6
PC-PT PC7
Fa0/1 switch
Time: 00:28:08
Realtime
Simulation
Scenario 0
New
Delete
Toggle PDU List Window
Copper Straight-Through
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Type here to search
ENG
9:06 PM
3/4/2021





<u>SHOW PORT-SECURITY:-</u> *This command is used to show port security details which show all PC's connected with the switch,it tells about the interfaces connected and their status i.e Shutdown or active,It also shows the count of Devices that the port security has given access to.*

<u>SHOW PORT-SECURITY ON AN INTERFACE:-</u> *This command shows the port-security on a specific interface showing all its details whether its enabled or disabled or if it has any violation.It also shows the count of violations and the status of its Mac Address.*