**## PC-A (VLAN 10)**

172.16.21.254

255.255.254.0

DFGW: 172.16.20.1

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**## PC-B (VLAN 20)**

172.16.19.254

255.255.252.0

DFGW: 172.16.16.1

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**## SWITCH ATC328**

No ip domain lookup

hostname ATC328

banner motd ...

vlan 10

name ATC328

int vlan 10

vlan 20

name ATC329

int vlan 20

vlan 99

name Mgmt

int vlan 99

ip address 192.168.99.131 255.255.255.224

int g1/0/7

switchport mode access

switchport access vlan 10

int g1/0/5

switchport mode trunk

int g1/0/11

switchport mode trunk

show int trunk

ip default-gateway 192.168.99.129

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**## SWITCH ATC329**

hostname ATC329

banner motd ...

...

vlan 99

name Mgmt

int vlan 99

ip address 192.168.99.132 255.255.255.224

int g1/0/24

switchport mode access

switchport access vlan 20

int g1/0/5

switchport mode trunk

ip default-gateway 192.168.99.129

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**## ATC\_Router**

hostname ATC\_Router

int g0/0/1

no shut

int g0/0/1.10

descitpion ...

encapsulation dot1Q 10

ip address 172.16.20.1 255.255.254.0

int g0/0/1.20

descitpion ...

encapsulation dot1Q 20

ip address 172.16.16.1 255.255.252.0

int g0/0/1.99

descitpion ...

encapsulation dot1Q 99

ip address 192.168.99.129 255.255.255.224

int lo0

ip address 203.122.111.3 255.255.255.240

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**## Port-secuirty**

int g1/0/7

switchport port-security

switchport port-security maximum 2

switchport port-security mac-address sticky

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**## SSH**

ip domain-name ccna.lab

crypto key generate rsa general-keys modulus 1024

username labuser privilege 15 secret labpassword

line vty 0 15

transport input ssh

login local

end