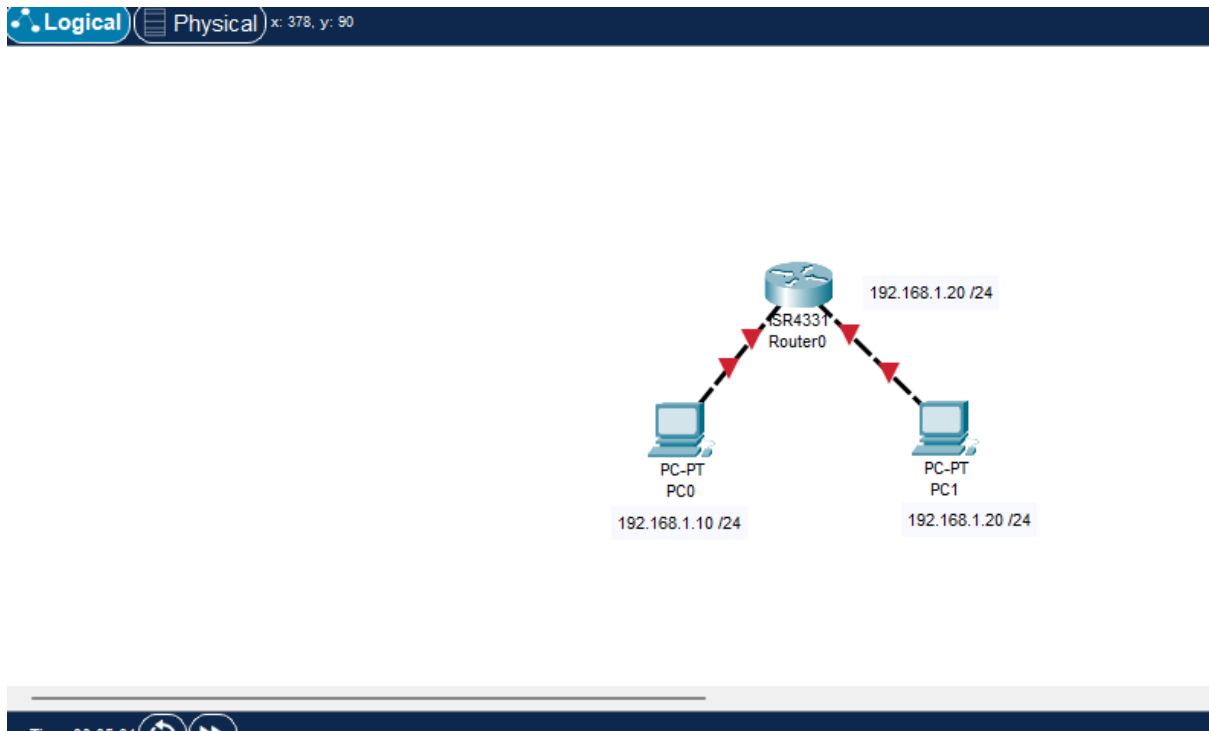


Q11) Configure a standard Access Control List (ACL) on a router to permit traffic from a specific IP range. Test connectivity to verify the ACL is working as intended.



Physical Config CLI Attributes

IOS Command Line Interface

```
Switch#enable
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#vlan 99
Switch(config-vlan)#name Management
Switch(config-vlan)#exit
Switch(config)#interface vlan 99
Switch(config-if)#
%LINK-6-CHANGED: Interface Vlan99, changed state to up

Switch(config-if)#ip address 192.168.1.100 255.255.255.0
Switch(config-if)#no shutdown
Switch(config-if)#exit
Switch(config)#Switch(config)# ip default-gateway 192.168.1.1
^
% Invalid input detected at '^' marker.

Switch(config)#ip default-gateway 192.168.1.1
Switch(config)#interface FastEthernet 0/1
Switch(config-if)#switchport mode access
Switch(config-if)# switchport access vlan 99
Switch(config-if)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan99, changed state to up

Switch(config-if)#exit
Switch(config)#hostname Switch1
Switch1(config)#ip domain-name vlan.com
Switch1(config)#crypto key generate rsa
The name for the keys will be: Switch1.vlan.com
Choose the size of the key modulus in the range of 360 to 4096 for your
General Purpose Keys. Choosing a key modulus greater than 512 may take
a few minutes.

How many bits in the modulus [512]: 1024
% Generating 1024 bit RSA keys, keys will be non-exportable...[OK]

Switch1(config)#username admin privilege 15 secret Cisco@123
Mar 1 0:5:24: %SSH-5-FNABTFD: SSH v 99 has been enabled
```

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