Role	Allowed Ports	Blocked Ports	Enforcement Method	Result
Admin	22, 3389	All Others	ACL-ADMIN	SSH allowed (refused), HTTP blocked
IT Support	80, 443	22, 3389	ACL-IT	HTTP allowed, SSH blocked
User	80	All Others	ACL-USER	HTTP allowed, SSH blocked
				Allowed connection, HTTP from PC-User to webserver 192.168.10.10
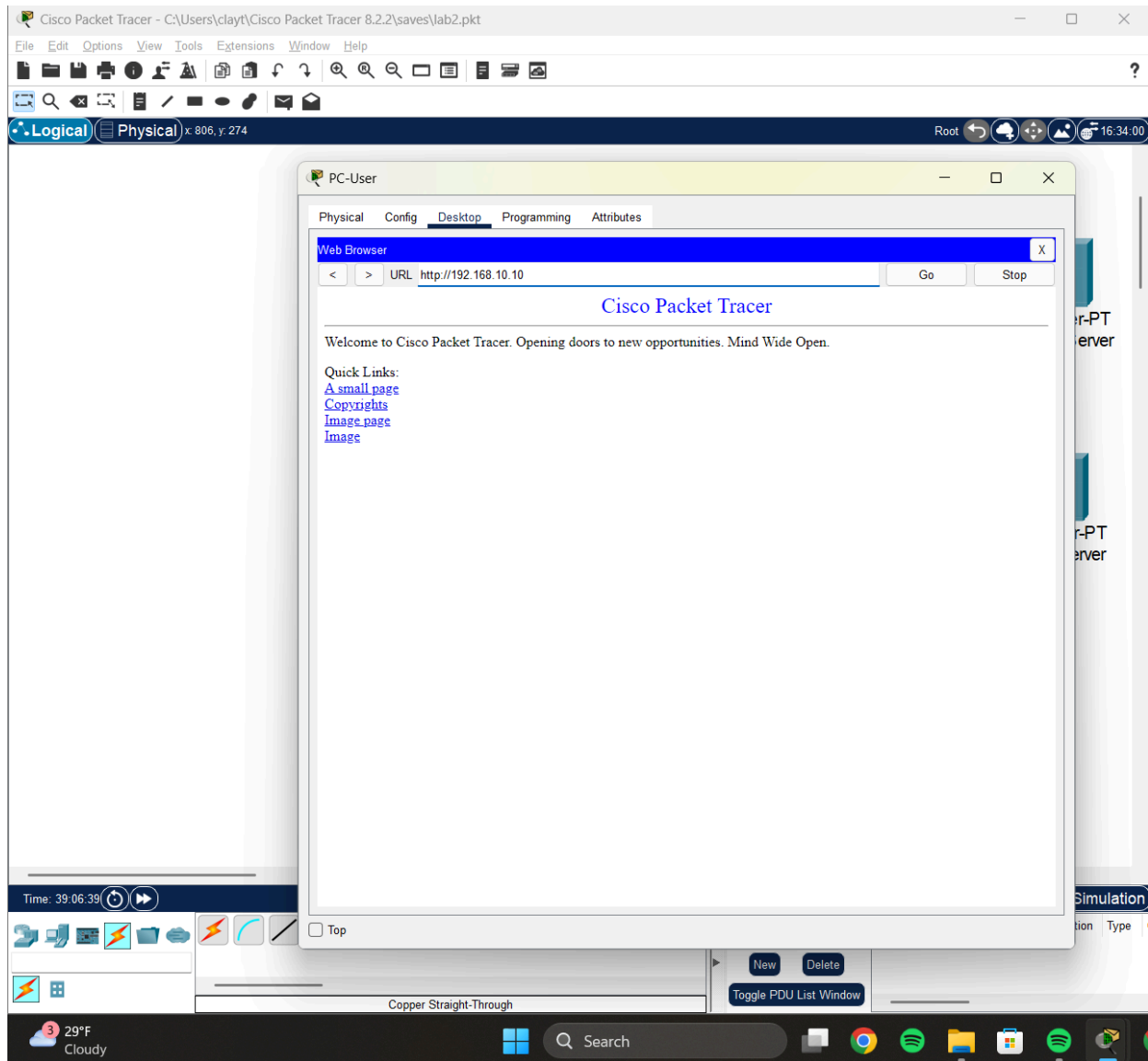
Denied connection, PC-Admin to Web Server 192.168.10.10
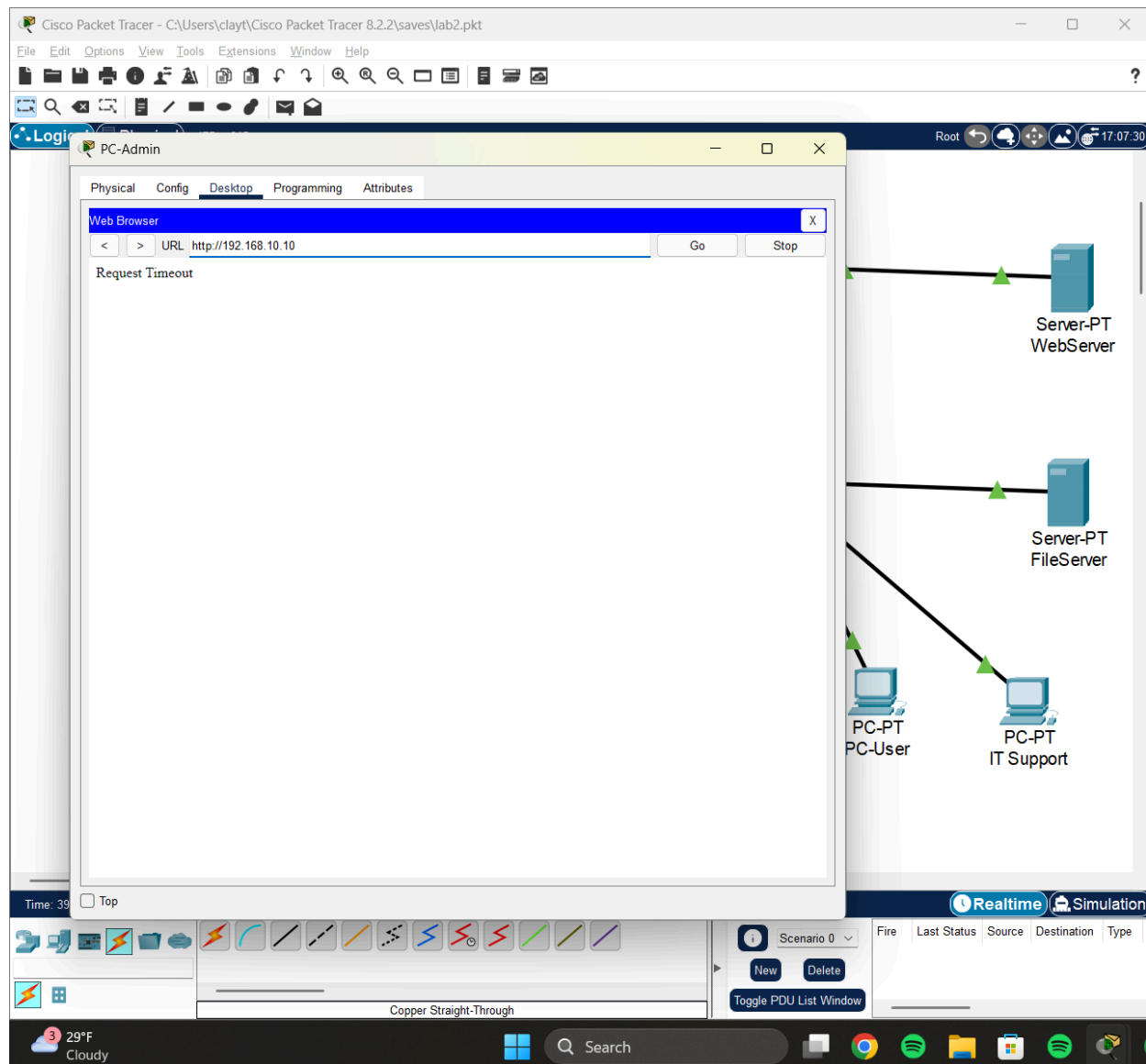
Allowed connection, SSH from Admin to webserver 192.168.10.10, SSH not setup in packet tracer so refused is correct.
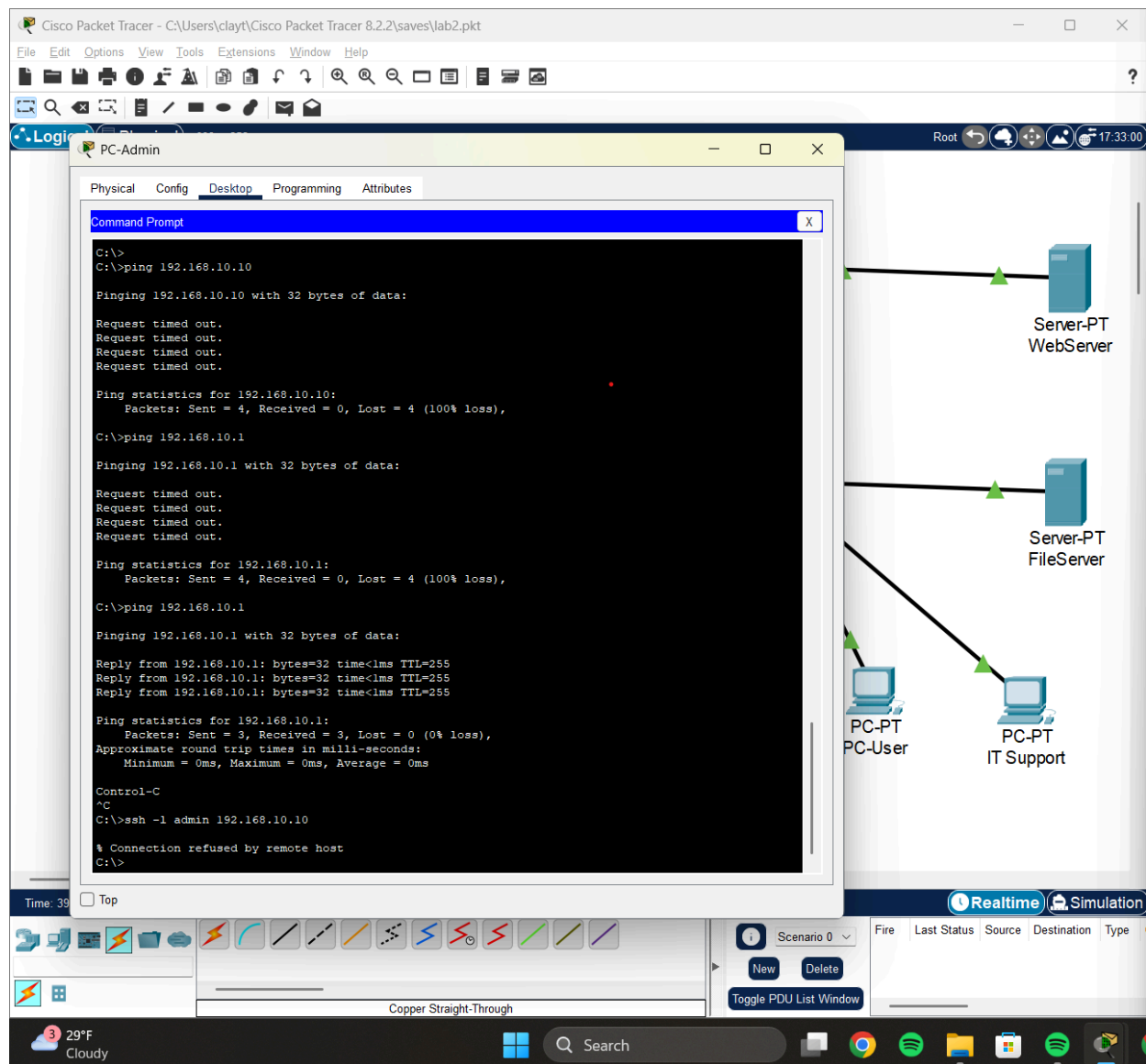
Firewall ACL

File Edit Options View Tools Extensions Window Help

Logical Physical x: 207, y: 404

FW

Physical Config CLI Attributes

IOS Command Line Interface

```
Router(config-ext-nacl)# 10 permit tcp host 192.168.20.11 host 192.168.10.10 eq 22
Router(config-ext-nacl)# 20 permit tcp host 192.168.20.12 host 192.168.10.10 eq 80
Router(config-ext-nacl)# 30 permit tcp host 192.168.20.12 host 192.168.10.10 eq 443
Router(config-ext-nacl)# 40 permit tcp host 192.168.20.10 host 192.168.10.10 eq 80
Router(config-ext-nacl)# 99 deny ip any any
Router(config-ext-nacl)#exit
Router(config)#
Router(config)#interface GigabitEthernet0/0/1
Router(config-if)# no ip access-group ACL-INTERNAL in
Router(config-if)# ip access-group ACL-INTERNAL in
Router(config-if)#exit
Router(config)#end
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#
Router#
Router#enable
Router#show access-lists
Extended IP access list ACL-DMZ
    10 permit tcp any host 192.168.10.10 eq www
    20 deny ip any 192.168.20.0 0.0.0.255 (42 match(es))
    30 permit icmp any any (4 match(es))
Extended IP access list ACL-ADMIN
    10 permit tcp host 192.168.20.11 any eq 22
    20 permit tcp host 192.168.20.11 any eq 3389
    30 deny ip host 192.168.20.11 any
Extended IP access list ACL-IT
    10 permit tcp host 192.168.20.12 any eq www
    20 permit tcp host 192.168.20.12 any eq 443
    30 deny ip host 192.168.20.12 any
Extended IP access list ACL-USER
    10 permit tcp host 192.168.20.10 any eq www
    20 deny ip host 192.168.20.10 any
Extended IP access list ACL-INTERNAL
    10 permit tcp host 192.168.20.11 host 192.168.10.10 eq 22 (4 match(es))
    20 permit tcp host 192.168.20.12 host 192.168.10.10 eq www
    30 permit tcp host 192.168.20.12 host 192.168.10.10 eq 443
    40 permit tcp host 192.168.20.10 host 192.168.10.10 eq www
    99 deny ip any any

Router#
```

Copy   Paste

Top

Time: 39:05:15   Realtime   Simulation

Fire Last Status Source Destination Type

Scenario 0

New   Delete

Toggle PDU List Window

Copper Straight-Through

29°F
Cloudy

Search