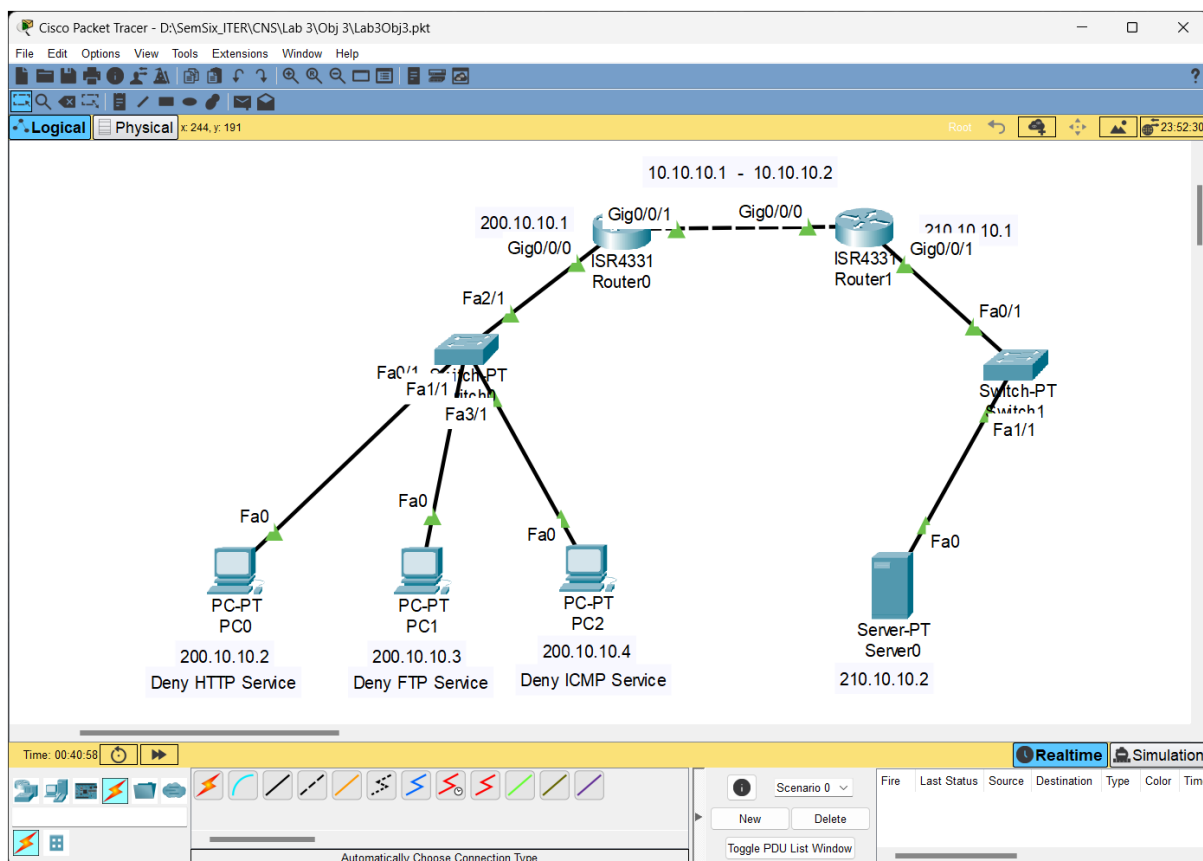



Configuration and verification of an extended access list for permit and deny to a remote server (HTTP/FTP).



CLI FOR REMOTE SERVER

```
Router0
Physical Config CLI Attributes
IOS Command Line Interface
Router(config)#access-list 107 deny tcp host 200.10.10.2 host 210.10.10.2 eq www
Router(config)#access-list 107 deny tcp host 200.10.10.3 host 210.10.10.2 eq 21
Router(config)#do show access-list
Extended IP access list 107
  10 deny tcp host 200.10.10.2 host 210.10.10.2 eq www
  20 deny tcp host 200.10.10.3 host 210.10.10.2 eq ftp
Router(config)#access-list 107 permit ?
  ahp      Authentication Header Protocol
  eigrp    Cisco's EIGRP routing protocol
  esp      Encapsulation Security Payload
  gre      Cisco's GRE tunneling
  icmp     Internet Control Message Protocol
  ip       Any Internet Protocol
  ospf     OSPF routing protocol
  tcp      Transmission Control Protocol
  udp      User Datagram Protocol
Router(config)#access-list 107 permit ip ?
  A.B.C.D  Source address
  any      Any source host
  host     A single source host
Router(config)#access-list 107 permit ip any ?
  A.B.C.D  Destination address
  any      Any destination host
  host     A single destination host
Router(config)#access-list 107 permit ip any any
Router(config)#int gig0/0/1
Router(config-if)#ip access-group 107 out
Router(config-if)#exit
Router(config)#
```

 Router0

Physical Config CLI Attributes

IOS Command Line Interface

```
Router>
Router>en
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#access-list 107 deny icmp ?
  A.B.C.D Source address
  any      Any source host
  host     A single source host
Router(config)#access-list 107 deny icmp host 200.10.10.4 host
210.10.10.2 ?
  <0-256>      type-num
  echo         Echo (ping)
  echo-reply   Echo reply
  host-unreachable Host unreachable
  net-unreachable Net unreachable
  port-unreachable Port unreachable
  protocol-unreachable Protocol unreachable
  ttl-exceeded TTL exceeded
  unreachable  All unreachables
  <cr>
Router(config)#access-list 107 deny icmp host 200.10.10.4 host
210.10.10.2
Router(config)#access-list 107 permit ip any any
Router(config)#do show access-list
Extended IP access list 107
  10 deny tcp host 200.10.10.2 host 210.10.10.2 eq www (28 match(es))
  20 deny tcp host 200.10.10.3 host 210.10.10.2 eq ftp (12 match(es))
  30 permit ip any any (17 match(es))
  40 deny tcp host 200.10.10.4 host 210.10.10.2 eq smtp
  50 deny icmp host 200.10.10.4 host 210.10.10.2
Router(config)#
```

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