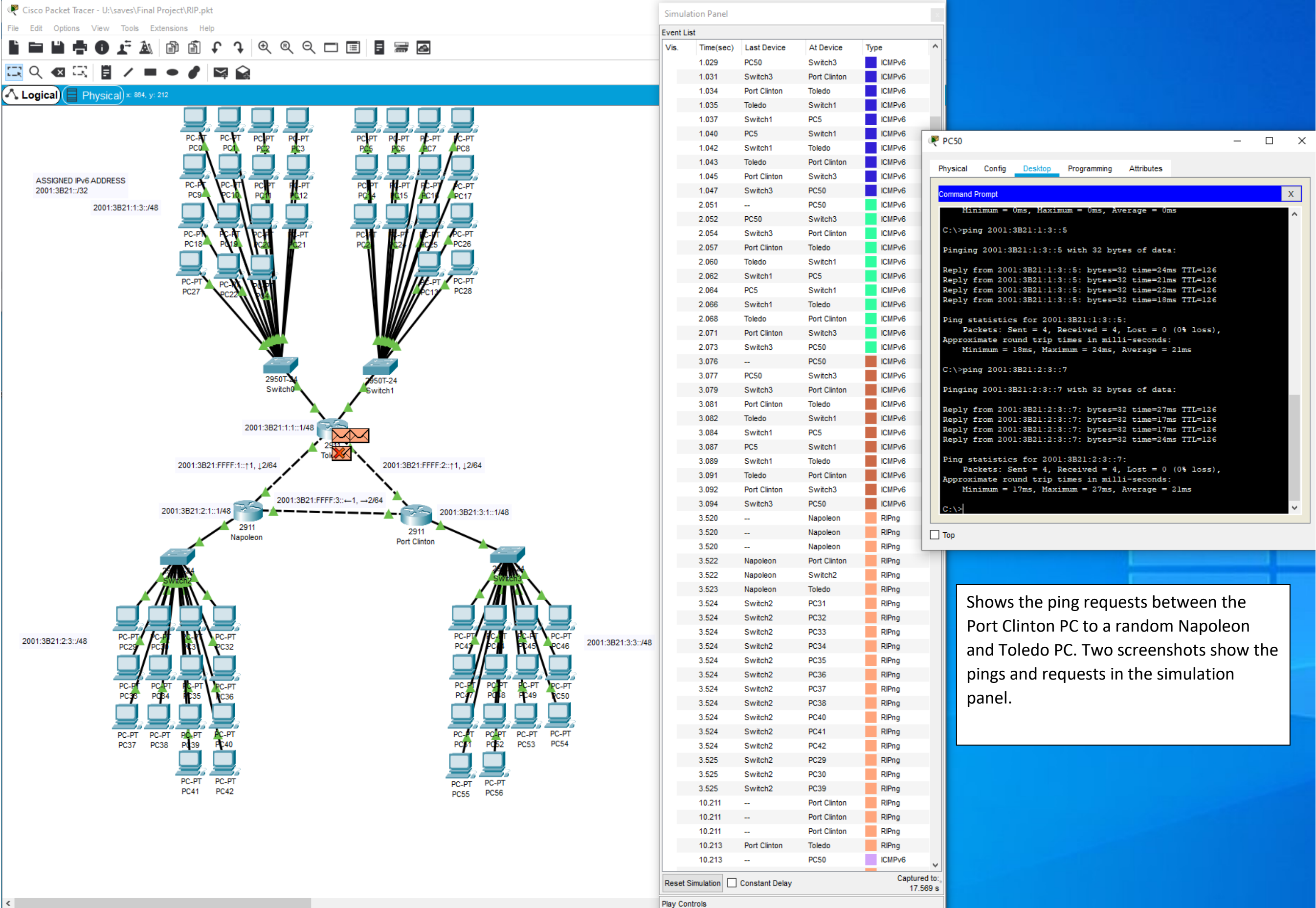
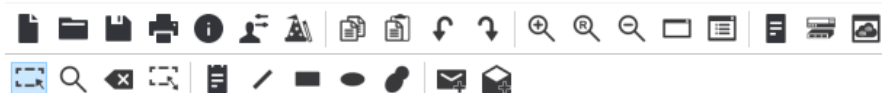
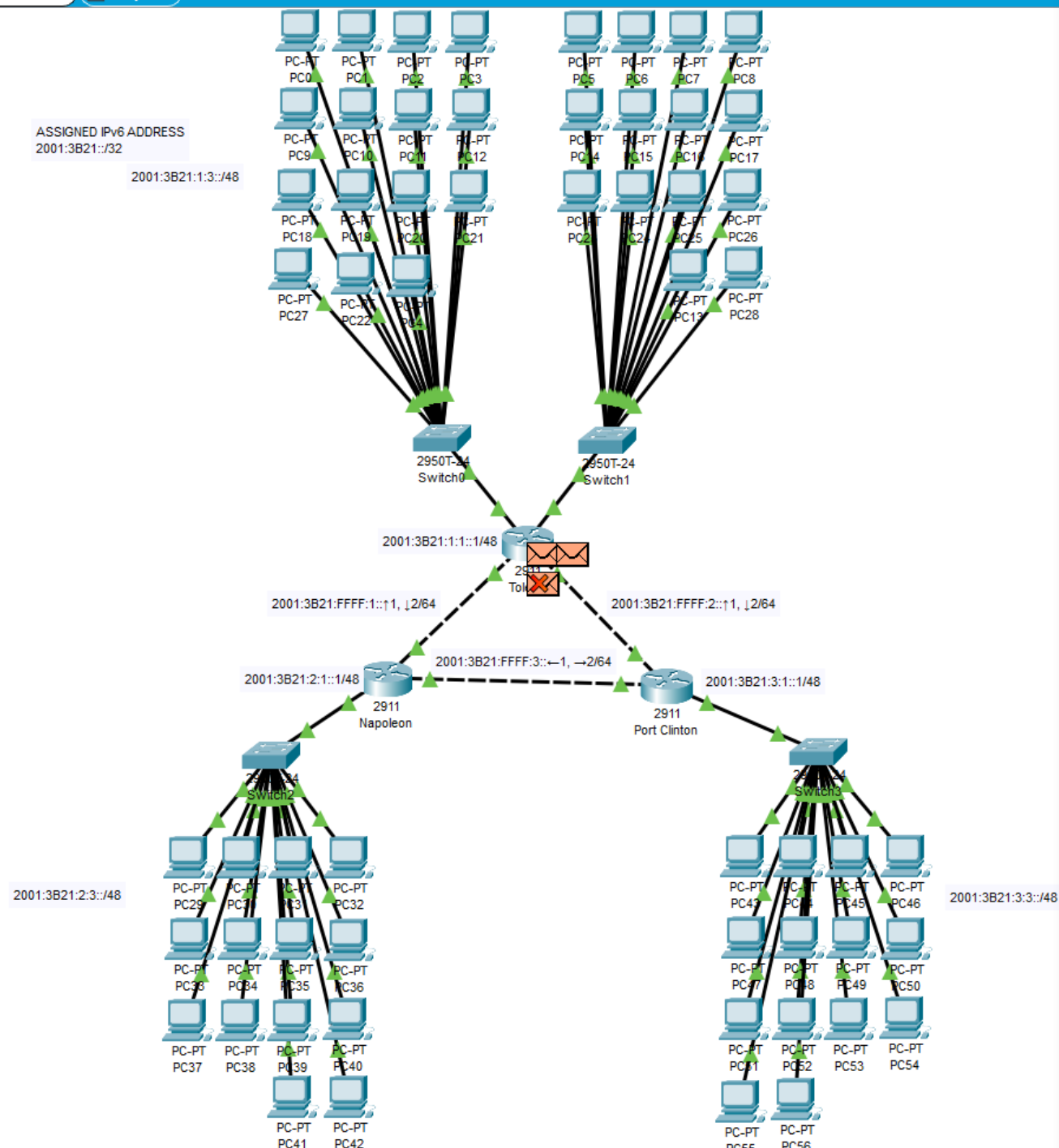


SCREENSHOT





Logical Physical x: 884, y: 212



Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	10.216	Switch3	PC54	RIPng
	10.216	Switch3	PC55	RIPng
	10.216	Switch3	PC56	RIPng
	10.217	Switch3	PC46	RIPng
	10.217	Switch3	PC51	RIPng
	10.217	Switch3	Port Clinton	ICMPv6
	10.219	Port Clinton	Napoleon	ICMPv6
	10.219	--	Napoleon	NDP
	10.220	Napoleon	Switch2	NDP
	10.222	Switch2	PC29	NDP
	10.222	Switch2	PC30	NDP
	10.222	Switch2	PC31	NDP
	10.222	Switch2	PC32	NDP
	10.222	Switch2	PC33	NDP
	10.222	Switch2	PC34	NDP
	10.222	Switch2	PC35	NDP
	10.222	Switch2	PC36	NDP
	10.222	Switch2	PC37	NDP
	10.222	Switch2	PC38	NDP
	10.222	Switch2	PC39	NDP
	10.222	Switch2	PC40	NDP
	10.222	Switch2	PC41	NDP
	10.222	Switch2	PC42	NDP
	10.223	PC35	Switch2	NDP
	10.225	Switch2	Napoleon	NDP
	10.225	--	Napoleon	ICMPv6
	10.226	Napoleon	Switch2	ICMPv6
	10.231	PC35	Switch2	ICMPv6
	10.233	Switch2	Napoleon	ICMPv6
	10.236	Napoleon	Port Clinton	ICMPv6
	10.238	Port Clinton	Switch3	ICMPv6
	10.240	Switch3	PC50	ICMPv6
	11.242	--	PC50	ICMPv6
	11.243	PC50	Switch3	ICMPv6
	11.245	Switch3	Port Clinton	ICMPv6
	11.246	Port Clinton	Napoleon	ICMPv6
	11.248	Napoleon	Switch2	ICMPv6
	11.250	Switch2	PC35	ICMPv6
	11.252	PC35	Switch2	ICMPv6
	11.254	Switch2	Napoleon	ICMPv6
	11.255	Napoleon	Port Clinton	ICMPv6
	11.257	Port Clinton	Switch3	ICMPv6
	11.259	Switch3	PC50	ICMPv6
	12.262	--	PC50	ICMPv6
	12.264	PC50	Switch3	ICMPv6
	12.266	Switch3	Port Clinton	ICMPv6
	12.267	Port Clinton	Napoleon	ICMPv6
	12.269	Napoleon	Switch2	ICMPv6
	12.271	Switch2	PC35	ICMPv6
	12.273	PC35	Switch2	ICMPv6
	12.275	Switch2	Napoleon	ICMPv6
	12.276	Napoleon	Port Clinton	ICMPv6
	12.277	Port Clinton	Switch3	ICMPv6
	12.279	Switch3	PC50	ICMPv6
	13.283	--	PC50	ICMPv6
	13.286	PC50	Switch3	ICMPv6

Reset Simulation

☐ Constant DelayCaptured to:
17.569 s

Play Controls

PC50

Physical Config Desktop Programming Attributes

Command Prompt

```
Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 2001:3B21:1:3::5

Pinging 2001:3B21:1:3::5 with 32 bytes of data:

Reply from 2001:3B21:1:3::5: bytes=32 time=24ms TTL=126
Reply from 2001:3B21:1:3::5: bytes=32 time=21ms TTL=126
Reply from 2001:3B21:1:3::5: bytes=32 time=22ms TTL=126
Reply from 2001:3B21:1:3::5: bytes=32 time=18ms TTL=126

Ping statistics for 2001:3B21:1:3::5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 18ms, Maximum = 24ms, Average = 21ms

C:\>ping 2001:3B21:2:3::7

Pinging 2001:3B21:2:3::7 with 32 bytes of data:

Reply from 2001:3B21:2:3::7: bytes=32 time=27ms TTL=126
Reply from 2001:3B21:2:3::7: bytes=32 time=17ms TTL=126
Reply from 2001:3B21:2:3::7: bytes=32 time=17ms TTL=126
Reply from 2001:3B21:2:3::7: bytes=32 time=24ms TTL=126

Ping statistics for 2001:3B21:2:3::7:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 17ms, Maximum = 27ms, Average = 21ms

C:\>
```

☐ Top

```

TOL-RT#show ipv6 route
IPv6 Routing Table - 10 entries
Codes: C - Connected, L - Local, S - Static, R - RIP, B - BGP
        U - Per-user Static route, M - MIPv6
        I1 - ISIS L1, I2 - ISIS L2, IA - ISIS interarea, IS - ISIS summary
        O - OSPF intra, OI - OSPF inter, OE1 - OSPF ext 1, OE2 - OSPF ext 2
        ON1 - OSPF NSSA ext 1, ON2 - OSPF NSSA ext 2
        D - EIGRP, EX - EIGRP external
C  2001:3B21:1::/48 [0/0]
    via Vlan1, directly connected
L  2001:3B21:1:1::1/128 [0/0]
    via Vlan1, receive
R  2001:3B21:2::/48 [120/2]
    via FE80::2D0:FFFF:FEE2:A402, GigabitEthernet0/1
R  2001:3B21:3::/48 [120/2]
    via FE80::260:70FF:FE4E:DE02, GigabitEthernet0/2
C  2001:3B21:FFFF:1::/64 [0/0]
    via GigabitEthernet0/1, directly connected
L  2001:3B21:FFFF:1::1/128 [0/0]
    via GigabitEthernet0/1, receive
C  2001:3B21:FFFF:2::/64 [0/0]
    via GigabitEthernet0/2, directly connected
L  2001:3B21:FFFF:2::1/128 [0/0]
    via GigabitEthernet0/2, receive
R  2001:3B21:FFFF:3::/64 [120/2]
    via FE80::2D0:FFFF:FEE2:A402, GigabitEthernet0/1
    via FE80::260:70FF:FE4E:DE02, GigabitEthernet0/2
L  FF00::/8 [0/0]
    via Null0, receive

```

```

NAP-RT#show ipv6 route
IPv6 Routing Table - 10 entries
Codes: C - Connected, L - Local, S - Static, R - RIP, B - BGP
        U - Per-user Static route, M - MIPv6
        I1 - ISIS L1, I2 - ISIS L2, IA - ISIS interarea, IS - ISIS summary
        O - OSPF intra, OI - OSPF inter, OE1 - OSPF ext 1, OE2 - OSPF ext 2
        ON1 - OSPF NSSA ext 1, ON2 - OSPF NSSA ext 2
        D - EIGRP, EX - EIGRP external
R  2001:3B21:1::/48 [120/2]
    via FE80::20C:FFFF:FE27:8202, GigabitEthernet0/1
C  2001:3B21:2::/48 [0/0]
    via Vlan1, directly connected
L  2001:3B21:2:1::1/128 [0/0]
    via Vlan1, receive
R  2001:3B21:3::/48 [120/2]
    via FE80::260:70FF:FE4E:DE03, GigabitEthernet0/2
C  2001:3B21:FFFF:1::/64 [0/0]
    via GigabitEthernet0/1, directly connected
L  2001:3B21:FFFF:1::2/128 [0/0]
    via GigabitEthernet0/1, receive
R  2001:3B21:FFFF:2::/64 [120/2]
    via FE80::260:70FF:FE4E:DE03, GigabitEthernet0/2
    via FE80::20C:FFFF:FE27:8202, GigabitEthernet0/1
C  2001:3B21:FFFF:3::/64 [0/0]
    via GigabitEthernet0/2, directly connected
L  2001:3B21:FFFF:3::1/128 [0/0]
    via GigabitEthernet0/2, receive
L  FF00::/8 [0/0]
    via Null0, receive

```

```

PTC-RT#show ipv6 route
IPv6 Routing Table - 10 entries
Codes: C - Connected, L - Local, S - Static, R - RIP, B - BGP
        U - Per-user Static route, M - MIPv6
        I1 - ISIS L1, I2 - ISIS L2, IA - ISIS interarea, IS - ISIS summary
        O - OSPF intra, OI - OSPF inter, OE1 - OSPF ext 1, OE2 - OSPF ext 2
        ON1 - OSPF NSSA ext 1, ON2 - OSPF NSSA ext 2
        D - EIGRP, EX - EIGRP external
R  2001:3B21:1::/48 [120/2]
    via FE80::20C:FFFF:FE27:8203, GigabitEthernet0/1
R  2001:3B21:2::/48 [120/2]
    via FE80::2D0:FFFF:FEE2:A403, GigabitEthernet0/2
C  2001:3B21:3::/48 [0/0]
    via Vlan1, directly connected
L  2001:3B21:3:1::1/128 [0/0]
    via Vlan1, receive
R  2001:3B21:FFFF:1::/64 [120/2]
    via FE80::20C:FFFF:FE27:8203, GigabitEthernet0/1
    via FE80::2D0:FFFF:FEE2:A403, GigabitEthernet0/2
C  2001:3B21:FFFF:2::/64 [0/0]
    via GigabitEthernet0/1, directly connected
L  2001:3B21:FFFF:2::2/128 [0/0]
    via GigabitEthernet0/1, receive
C  2001:3B21:FFFF:3::/64 [0/0]
    via GigabitEthernet0/2, directly connected
L  2001:3B21:FFFF:3::2/128 [0/0]
    via GigabitEthernet0/2, receive
L  FF00::/8 [0/0]
    via Null0, receive

```

TOLEDO ROUTER

```
!  
version 15.1  
no service timestamps log datetime msec  
no service timestamps debug datetime msec  
no service password-encryption  
!  
hostname TOL-RT  
!  
!  
!  
!  
!  
!  
!  
!  
no ip cef  
ipv6 unicast-routing  
!  
no ipv6 cef  
!  
!  
!  
license udi pid CISCO2911/K9 sn FTX15248E28-  
!  
!  
!  
!  
!  
!  
!  
!  
!  
!  
spanning-tree mode pvst  
!  
!  
!  
!  
!  
interface GigabitEthernet0/0  
no ip address  
duplex auto  
speed auto  
shutdown  
!  
interface GigabitEthernet0/1  
no ip address  
duplex auto
```

```
speed auto
ipv6 address 2001:3B21:FFFF:1::1/64
ipv6 rip Connect enable
ipv6 enable
!
interface GigabitEthernet0/2
no ip address
duplex auto
speed auto
ipv6 address 2001:3B21:FFFF:2::1/64 anycast
ipv6 rip Connect enable
ipv6 enable
!
interface FastEthernet0/0/0
switchport mode access
switchport nonegotiate
!
interface FastEthernet0/0/1
switchport mode access
switchport nonegotiate
!
interface FastEthernet0/0/2
switchport mode access
switchport nonegotiate
!
interface FastEthernet0/0/3
switchport mode access
switchport nonegotiate
!
interface Vlan1
description 1
no ip address
ipv6 address 2001:3B21:1:1::1/48
ipv6 rip Connect enable
ipv6 enable
!
ipv6 router rip Connect
!
ip classless
!
ip flow-export version 9
!
!
!
!
!
!
!
line con 0
!
line aux 0
!
line vty 0 4
```

```
login
!  
!  
!  
end
```

NAPOLEON ROUTER

```
!  
version 15.1  
no service timestamps log datetime msec  
no service timestamps debug datetime msec  
no service password-encryption  
!  
hostname NAP-RT  
!  
!  
!  
!  
!  
!  
!  
!  
no ip cef  
ipv6 unicast-routing  
!  
no ipv6 cef  
!  
!  
!  
!  
license udi pid CISCO2911/K9 sn FTX1524R856-  
!  
!  
!  
!  
!  
!  
!  
!  
!  
!  
spanning-tree mode pvst  
!  
!  
!  
!  
!  
!  
interface GigabitEthernet0/0
```

```
no ip address
duplex auto
speed auto
shutdown
!
interface GigabitEthernet0/1
no ip address
duplex auto
speed auto
ipv6 address 2001:3B21:FFFF:1::2/64 anycast
ipv6 rip Connect enable
ipv6 enable
!
interface GigabitEthernet0/2
no ip address
duplex auto
speed auto
ipv6 address 2001:3B21:FFFF:3::1/64 anycast
ipv6 rip Connect enable
ipv6 enable
!
interface FastEthernet0/0/0
switchport mode access
switchport nonegotiate
!
interface FastEthernet0/0/1
switchport mode access
switchport nonegotiate
!
interface FastEthernet0/0/2
switchport mode access
switchport nonegotiate
!
interface FastEthernet0/0/3
switchport mode access
switchport nonegotiate
!
interface Vlan1
no ip address
ipv6 address 2001:3B21:2:1::1/48
ipv6 rip Connect enable
ipv6 enable
!
ipv6 router rip Connect
!
ip classless
!
ip flow-export version 9
!
!
!
no cdp run
!
!
```

```
!  
!  
!  
!  
line con 0  
!  
line aux 0  
!  
line vty 0 4  
  login  
!  
!  
!  
end
```

PORT CLINTON ROUTER

```
!  
version 15.1  
no service timestamps log datetime msec  
no service timestamps debug datetime msec  
no service password-encryption  
!  
hostname PTC-RT  
!  
!  
!  
!  
!  
!  
!  
!  
no ip cef  
ipv6 unicast-routing  
!  
no ipv6 cef  
!  
!  
!  
!  
license udi pid CISCO2911/K9 sn FTX15248961-  
!  
!  
!  
!  
!  
!  
!  
!  
!  
!
```



```
spanning-tree mode pvst
!
!
!
!
!
!
interface GigabitEthernet0/0
  no ip address
  duplex auto
  speed auto
  shutdown
!
interface GigabitEthernet0/1
  no ip address
  duplex auto
  speed auto
  ipv6 address 2001:3B21:FFFF:2::2/64 anycast
  ipv6 rip Connect enable
  ipv6 enable
!
interface GigabitEthernet0/2
  no ip address
  duplex auto
  speed auto
  ipv6 address 2001:3B21:FFFF:3::2/64 anycast
  ipv6 rip Connect enable
  ipv6 enable
!
interface FastEthernet0/0/0
  switchport mode access
  switchport nonegotiate
!
interface FastEthernet0/0/1
  switchport mode access
  switchport nonegotiate
!
interface FastEthernet0/0/2
  switchport mode access
  switchport nonegotiate
!
interface FastEthernet0/0/3
  switchport mode access
  switchport nonegotiate
!
interface Vlan1
  no ip address
  ipv6 address 2001:3B21:3:1::1/48
  ipv6 rip Connect enable
  ipv6 enable
!
ipv6 router rip Connect
!
ip classless
```

```
!  
ip flow-export version 9  
!  
!  
!  
no cdp run  
!  
!  
!  
!  
!  
line con 0  
!  
line aux 0  
!  
line vty 0 4  
  login  
!  
!  
!  
end
```