- Connect using PT/GNS3
- Name all devices
- Configure **Enable secret cisco** on all devices
- Configure Telnet/SSH on all devices
- Configure IP addresses on all interfaces(Configure the northern interface with the lowest IP)
- Configure .10 on all switches
- Configure the EIGRP domain
- E1 should redistribute a default route into EIGRP
- Configure the OSPF domain
- O1 should redistribute a default route into OSPF
- Configure NAT on O1 & E1. Only allow NAT from theire local routing domain
- Configure EIGRP 60 between E1 & O1 and configure 2-way redistribution on O1.
- Summerize addresses on E3 & O3
- Summerize all EIGRP subnets. Only 2 routes should be adverticed from E1 to O1
- Tune all timers to 1s Hello & 4s Dead
- Configure route authentication on all devices

- Configure IPv6 from the following table(Remember to enable timers, summerization and authentication)

IPv4	IPv6
172.16.1.0	2001:face:cafe:1::
172.16.2.0	2001:face:cafe:2::
172.16.4.0	2001:face:cafe:4::
172.16.5.0	2001:face:cafe:5::
172.17.1.0	2001:face:caff:1::
172.17.2.0	2001:face:caff:2::
172.17.4.0	2001:face:caff:4::
172.17.9.0	2001:face:caff:9::