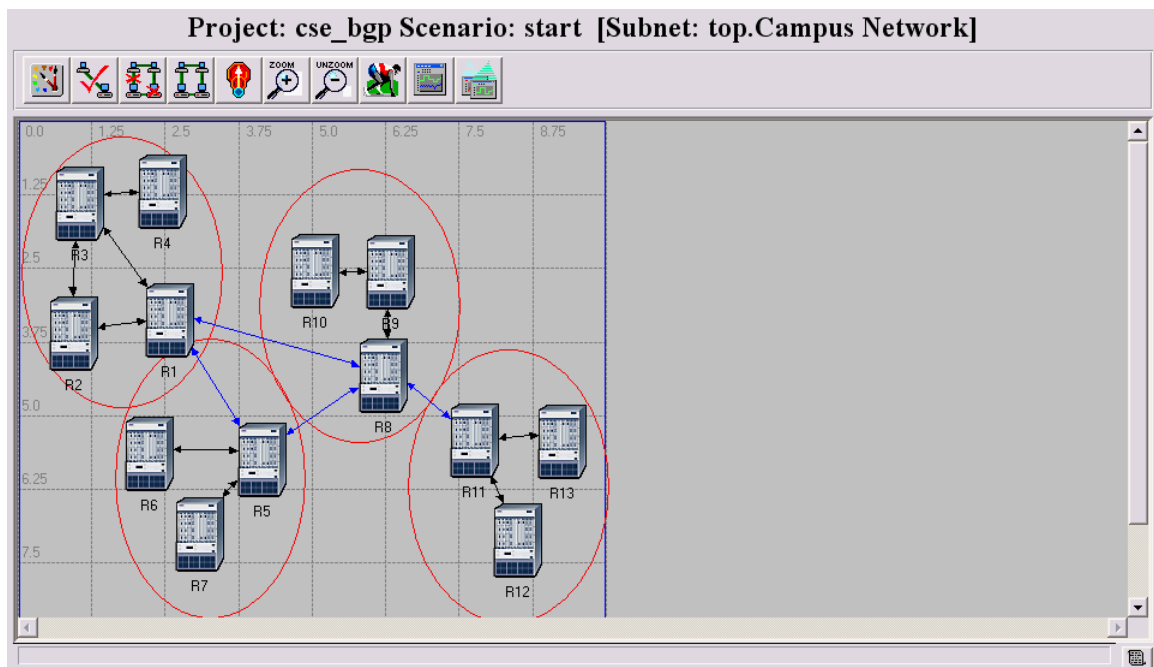


Laboratory 7: BGP and Others

In this Lab not many hints are given. We want to see who can complete the task. You can decide your own way to implement the given network model.

Objective:

- To complete BGP Lab
- To recap the RIP and OSPF
- To see the network performance after running some applications.



Task1: Complete BGP Lab and analyze the routing table of border routers and other routers.

Task2: Create another scenario (failure) where one of the routers or links fails after certain time. Analyze the new routing table.

Task3: Open RIP network model and run the simulation and observe routing table.

Task4: Open OSPF network model and run the simulation and observe routing table

Task5: Add some network (subnet), set up profile, application and run some applications and observe the performance of that application if you run intra-domain routing protocol

Important information regarding Lab Test:

The Lab test questions will be set from lab1-7. All configuration and results settings may be asked to be done in the exam, such as adding a loopback interface, finding convergence time, reading IP address, etc. You have to answer the questions on the paper after creating the network model and running the simulation. Your lab test paper will be marked later. Note that lab 8 and 9 (SDN) will not be covered in the test.