Overview of Lab

The basic purpose of the whole lab is to set up a network that would allow for Autonomous Systems. With this configuration we could essentially be about to turn one of the routers off while the other one would take over the responsibilities of the routing. This is used by certain ISPs to ensure that they are always “up and running”.

We are going to setup 2 linux routers

**Objective:** Setup quagga on the two linux machines and then give a brief presentation on the setup process and a little overview of the routing software.

I am thinking that we could go all the way up to the BGP routing section and that should be sufficient.