**ESXI Distributes switches and HA**

**Description**

By the end of this project you should have:

- A distributed switch that spans each node in your cluster
  - Portgroups for each of the 3 vland (320,321,666)
- 10 different virtual machines (one in each vlan)
  - Use the cloning function for this
- Configure vSphere HA
  - A VM should reboot upon host failure or isolation
- Configure DRS
  - VM migration should be fully automated
- Create a VM/Host rule such that 2 of your machines (of your choosing) always run together on the same host.
- Add a VM override such that for a particular vm (of your choosing) will not use the cluster automation levels but will use [manual].

For vlans 321 and 322, you can use your same IP space with the exception of the third octet. The third octet for 321 should be 195, 196 for vlan 322. So, if my IP allocation was 144.38.194.0-19 on the original equipment sheet. I could use the IPs 195.0-19 for vlan 321 and 196.0-19 for vlan 322. Vlan 320 is the default vlan (144.38.194.x)

**To Pass off**

Prove that you have done it. We will pass this off in class.