System TO DO list

Openstack changes

- Install ceilometer to identify unused instances, contact users to see if instances still needed after identified as unused
- Setup test Mitaka cluster
- Decide whether to pursue dynDNS changes in Liberty, or wait for Mitaka because it's builtin
- Install new storage and compute nodes (in progress)
- Set up shared data store for instances to enable live migrations (in progress — tested and works, but uplink cable on switch needs to be fixed because we're getting 20-60% packet loss on all new nodes)
- Make DXL storage nodes available (in progress)
- Install Swift
- ~~Create new storage network (finished 10may16)~~
- ~~Increase MTU to 9000 on all networks (finished 10may16)~~
- Investigate Amazon EC2
- Download information about Nebula nightly into database so we can get information about nodes if they have been deleted, etc.

System Administration

- Write script to delete old log files if disk is at 95%
- Set up stunnel from compute nodes to controller for SMTP
- ~~Set up stunnel from controller to compute nodes for rsync to grab glance images?~~ (unnecessary now that glance and nova will have a GlusterFS backend)
- Write script to monitor nova, cinder services and notify/restart if necessary
- Write scripts to monitor resource usage
- Install larger disk on controller?
- Set up syslog aggregator on controller
- Forward IPMI syslog to controller
- Forward node syslog to controller
- Move /var/spool/mqueue on controller to a new partition; when a service goes haywire and logs fill the disk, we can't receive email warnings
- Move database dumps from ~root/backups to a different space (perhaps GlusterFS?)
- ~~Send compute3 in for repair~~
- Move /var on controller to the larger /home partition; should buy time if logs are filling (20x more space there)
- Write scripts to monitor actual disk space for gluster volumes
- Put scripts into repository and check out to /usr/local/scripts on nebula
- ~~Create option on node installation script to not run the global commands (if they've already been run, for example) (finished 10may16)~~