

Beta Redeploy

Notes from 12/15/2016 discussion of NDS-686. When redeploying beta, we need to account for the following:

- Rebuild Gluster FS:
 - ☒ [NDS-693](#) - Test Gluster sharding config **RESOLVED**
 - We'll need to redeploy Gluster with the new sharding config
- Master crashing:
 - ☒ [NDS-660](#) - Limit number of status messages stored in etcd **RESOLVED**
 - In the end, this is a bug in the NDSE Labs API Server. Needs to be fixed, but doesn't directly impact redeploy
 - Should we resize master? No. No one is using big masters.
- Upgrading Kubernetes:
 - ☒ [NDS-413](#) - Explore upgrading Kubernetes **RESOLVED** ,
 - ☒ [NDS-708](#) - Update ndslabs-startup to test running Kubernetes 1.5 on a single-node instance **RESOLVED**
 - This is probably our biggest risk/issue at this point for re-deploy. We're not sure whether we can do it, but we'll try.
- Disk space issues:
 - ☒ [NDS-627](#) - Disk space issues **RESOLVED**
 - Will likely need to create another volume or change /var/lib/docker to mount /var/ to cover all cases.
 - David's recommendation: 1 volume per node with bind mounts.
- Import/export accounts:
 - ☒ [NDS-690](#) - Export/import account **CLOSED**
 - We will need to migrate at least the account information
 - Currently, stacks and data will not be migrated. Stacks require catalog migration too.
- Node sizing:
 - What is the correct size for the nodes? Do we need to resize LMA, master?
 - LMA:
 - Should map correct data volumes
 - 4-8 cores; 32-64GB RAM
- Deploy new test cluster ASAP