







2016-05-12 Sprint planning

Current sprint planning

Discussed basic process for setting up multi-node cluster for Odum

1. Provision VMS
 - a.  [NDS-243](#) - OpenStack provisioning for kubernetes in ansible CLOSED
2. Kubernetes contrib ansible
 - a.  [NDS-244](#) - Unify openstack ansible with kubernetes system deploy CLOSED
 - b. Open issue: 2 masters problem
3. Label nodes
 - a.  [NDS-251](#) - Script or process for applying node labels in bulk CLOSED
4. Deploy Gluster servers and client
 - a.  [NDS-223](#) - Site admin can deploy Gluster services as Kubernetes services RESOLVED
 - b. Open issue: Need to automate peer-probe and create-volume (NDS-237)
5. Deploy load-balancer
 - a. Create DNS records
 - i. A for odum.ndslabs.org
 - ii. Wildcard CNAME *.odum.ndslabs.org
 - b. Create load-balancer and default ingress rules
 - c. Setup TLS/generate cert
 - d. Open issue: Finalize LB implementation (NDS-240, 241, 242)
6. Deploy monitoring tools
 - a.  [NDS-144](#) - Cluster Monitor Toolset CLOSED
7. Deploy API server/GUI
8. Create projects
 - a.  [NDS-252](#) - Script or process for creating NDS Labs projects in bulk CLOSED

Open issues:

- Finalize LB implementation
- API Server change for ingress rules for service endpoints
- Automate Gluster pod deploy and service setup
- Finalizing resource limits/memory
- Stress test LB
- Quotas for projects
- Stress test filesystems