Glance-Values.yaml

- STORAGE- We are using **swift**.

- LABELS-
  Labelling of api , job and test.

- IMAGES-
  Docker image and local registry.

- BOOTSTRAP-
  Contains Parameters and we are using CIRROS, which is a linux distro to use test images on the cloud.

- CEPH-CLIENT-
  PVC-ceph client-key.

- NETWORK_POLICY -
  Ingress and egress.

- CONF -
  In this, we are using RBD(Rados block device). RBD is used as block device which distributes objects across the storage cluster and replicates objects for fault tolerance. Then there will be some rally test and the disk format of qcow2 type is used. Ceph is also used. Keystone authentication in the form of password with encrypted memcache security strategy is used.Oslo messaging rabbitmq is also used in glance and for logging & formatting keys are used.

- NETWORK-
  Ingress is always available in the network part.

- DEPENDENCIES-
  In the dynamic one there is local image repository present. In the static one there are different jobs like storage initializtion, db sync, rabbit initialization, ks-user & endpoints and services like oslo_db and oslo messaging. Oslo is used to manage the api.

- SECRETS-
  Contains the names of secrets used by bootstrap and environmental checks like for identity there is keystone admin, user and test and similarly for oslo_db and oslo_messaging there is their admin and user. TLS is there for providing secure tunnel.

- ENDPOINTS-

  It contains local image registry + fqdn_override. Fqdn is that part portion of URL that fully identifies the server program that an internet is request to.

  Then there is keystone for identity and authentication and glance image goes with the http scheme.

  For oslo_cache we need memcache-secret-key and the hosts use memcached.

  In the oslo_messaging RABBITMQ is used with transport layer security (tls).

  Radosgw is an HTTP REST gateway for the rados object store which is used in ceph-object-store.

  Fluentd is used for running forwarding service that receives event entries and routes the log files to the appropriate destination.

  For Dashboard we need horizon and for host-fqdn-override there is https scheme.

- POD-

  For security context files are of read-only-root-file-system type, glance secret clean system is also available. Along with storage initialisation there are some tests available to perform.

  Inside the resources section there is memory and cpu information of jobs discussed above like storage init, dbsync, db init, db-drop, ks_user, ks_service, rabbit init, bootstrap and image-repo-sync.

- HELM3_HOOK-

  Finally there is helm3 hook that won't work with helm2 binary.