[**Advanced Deployment with Red Hat OpenShift - Homework**](https://training-lms.redhat.com/lmt/clmsCourseDetails.prMain?in_sessionId=4A0851A3919559JJ&in_offeringId=40361819&in_selfContained=&in_from_module=CLMSLEARNINGPATHS.PRMAIN~CLMSLEARNINGPATHDETAILS.PRMAIN&in_filter=%26in_status%3DI%26in_rows%3D50%26in_from_module%3DCLMSLEARNINGPATHS.PRMAIN&in_filter_2=&in_lp_id=40359570)

* **Version of inventory file** : 3.11.51
* **Instructor** : Vino Alex
* **Class Location** :  [Bangalore - Capgemini 172, EPIP Zone Whitefield Rd, Phase 2, Brookefield, Bengaluru, Karnataka 560066, India](https://www.google.com/maps/search/?api=1&query=12.9727003,77.7182958)
* **Class date** : 25 March 2019 to 29 March 2019

Bugs inside the following sections are fixed in the given ansible inventory for openshift container platform.

1. OpenShift Registries Locations
2. For Operator Framework Images
3. OpenShift Master Vars
4. OpenShift Network Vars
5. OpenShift Authentication Vars
6. OpenShift Router and Registry Vars
7. OpenShift Service Catalog Vars
8. OpenShift Hosts

Modified inventory file deploy the openshift cluster successfully and OpenShift Container Platform cluster have the following characteristics defined in the inventory file.

* Load balancer
* 3 openshift master nodes
* 2 openshift infrastructure nodes
* 3 openshift worker nodes
* NFS server
* An integrated registry pod backed by persistent volume (PV) storage
* Router pods deployed, configured, and running on each infrastructure node in the cluster
* Aggregated logging configured and working
* Metrics collection configured and working
* All hosted components (router, registry, Prometheus, logging, metrics, service brokers) running on infrastructure nodes

Following are the screenshots of modifications.



















































