MANAGING OPENSШIFT FROM INSTALLATION AND BEYOND

Advanced techniques for OpenShift cluster lifecycle management

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Lab Resources

https://github.com/sabre1041/summit-2017-ocp-operator
Life of an OpenShift Operator

- Installation
- Automation
- Management
- Capacity
- Upgrades
- Resource Utilization
Components in the Lab

Here are the products in Red Hat’s portfolio that we will use today

- **Red Hat OpenStack Platform**
  - Hosts virtual server instances (Standalone KVM Virtual Machine)

- **Ansible Tower**
  - Automate the OpenShift installation (Standalone KVM Virtual Machine)

- **Red Hat OpenShift Container Platform**
  - 1 Master, 1 Infrastructure Node, 1 Application Node (OpenStack instances)

- **Red Hat CloudForms**
  - Containerized deployment within OpenShift
Environment

Overall Layout
Environment

Target Layout
Lab Overview

Lab 0
Pre-Lab Setup

Lab 1
Lab Overview

Lab 2
Exploring the Environment

Lab 3
Verifying the OpenShift Installation

Lab 4
Installing Red Hat CloudForms

Lab 5
Deploy a Sample Application
Lab Overview

Lab 6
Expanding the OpenShift Cluster

Lab 7
Next Steps
Please fill out survey

Please do this or a kitten might get it.
References

- https://github.com/openshift/openshift-ansible
- https://www.openshift.org/
- https://www.openshift.com/
- http://manageiq.org/
- https://www.openstack.org/
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