Starter Labs (Python)



[user4:~] \$

WORKSHOP MODULES

Workshop Summary

Environment Overview

<u>Using Homeroom</u>

Architecture Overview of the ParksMap Application

Exploring the CLI and Web Console

<u>Deploying Your First Container</u> <u>Image</u>

Scaling and Self Healing

Exposing Your Application to the Outside World

Exploring OpenShift's Logging Capabilities

Role-Based Access Control

Remote Access to Your Application

Deploying Python Code

Adding a Database (MongoDB)

Application Health

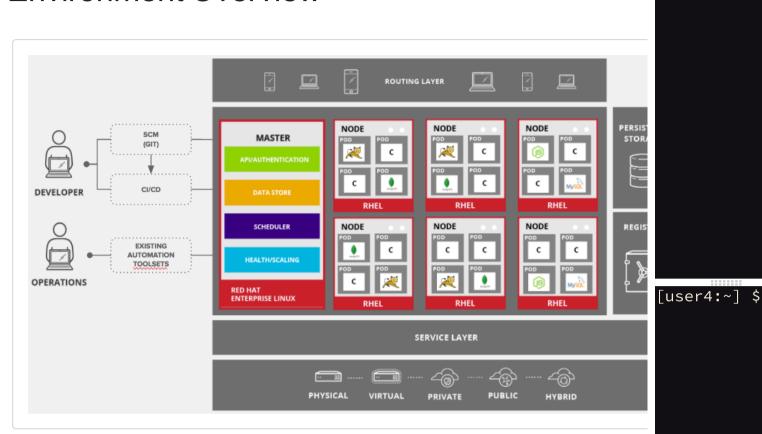
<u>Automate Build and Deployment</u> <u>with Pipelines</u>

<u>Automation for Your Application on</u> <u>Code Changes</u>

Further Resources

Workshop Links

Environment Overview



The workshop is hosted in an OpenShift environment that is running on a public cloud. The environment consists of following systems:

- Master node(s)
- Infrastructure node(s)
- Worker or "application" nodes
- Dynamic Provisioned Storage

The infrastructure node is providing several services:

- Gogs git server
- This lab manual
- The OpenShift container registry
- The OpenShift router

You will have your own user account in the OpenShift environment. Your user name is user4.

You will also have a dedicated project namespace to work in. The name of your project namespace is user4.

Using Homero

4