OpenStack Administration Using Oracle Solaris 11

Introduction to the course

- Overview
- Course Goals
- Course Agenda
- Introductions
- Your Learning Center

Describing the OpenStack Framework

- Describing the OpenStack Technology
- Describing the OpenStack Services
- Explaining the points of integration between Oracle Solaris and OpenStack

Configuring a Single-Node OpenStack Setup

- Installing OpenStack
- Configuring the network
- Configuring Heat Orchestration
- Creating VM Instances

Configuring a Multi-Node OpenStack Setup

- Configuring the Controller Node
- Configuring the Compute Node
- Configuring the Block Storage Node

Administering Identity Resources

- Managing Projects, Users, and Roles
- Managing Quotas

Administering System Resources

- Administering VM Instances
- Managing Volumes
- Managing Flavors
- Managing Images

Troubleshooting OpenStack

- Gathering General Debugging Information
- Reviewing SMF Services
- Inspecting Horizon UI Facilities
- Analyzing the VM Instance Launch Failure
- Verifying the Controller Node Configuration
- Inspecting the Compute Node Configuration
- Checking the Storage Node Configuration