Chapter 13

Managing Cloud Platforms with Red Hat Ceph Storage

Goal	Manage Red Hat cloud infrastructure to use Red Hat Ceph Storage to provide image, block, volume, object, and shared file storage.
Objectives	• Describe Red Hat OpenStack Platform storage requirements, and compare the architecture choices for using Red Hat Ceph Storage as an RHOSP storage back end.
	• Describe how OpenStack implements Ceph storage for each storage-related OpenStack component.
	• Describe Red Hat OpenShift Container Platform storage requirements, and compare the architecture choices for using Red Hat Ceph Storage as an RHOCP storage back end.
	• Describe how OpenShift implements Ceph storage for each storage-related OpenShift feature.
Sections	• Introducing OpenStack Storage Architecture (and Quiz)
	• Implementing Storage in OpenStack Components (and Quiz)
	• Introducing OpenShift Storage Architecture (and Quiz)
	• Implementing Storage in OpenShift Components (and Quiz)