



Block Storage in OpenStack® using Cinder H4S73S

This 1-day course will provide an in-depth experience of implementing and using OpenStack Object Storage using Swift. The result will be the ability to plan, install and configure a secure and resilient Object Store using OpenStack Swift.

Block Storage in OpenStack® using Cinder

Price USD \$800

**Links to local
schedules,
pricing and
registration** [US/Canada](#)
[Mexico/Latin America](#)
[Brazil](#)

HP course # H4S73S

Category Cloud

Duration 1 day

Special note

Visit [OpenStack® Training and Certifications](#) for curriculum path and vendor neutral EXIN Certification details.

Audience

- Storage Administrators
- Storage Architects
- Architects
- Sales Engineers
- Technical Marketing staff

Prerequisites

Attendance of, or the equivalent skills

- OpenStack Foundations (H6C68S)
- Linux Fundamentals (U8583S)
- Cloud Overview (HK917AAE)

Course objectives

At the conclusion of the course you should be able to:

- Understand the OpenStack® block storage components and how they work together
- The architecture of resilient block storage management within OpenStack®
- Understand the extensibility of block storage management in OpenStack®
- The installation and configuration of the various components
- How to troubleshoot block storage in OpenStack®

Benefits to you

- Gain a thorough understanding of OpenStack® block storage management using Cinder
- Be confident when designing resilient and scalable block storage implementations within OpenStack® using Cinder
- Be efficient when troubleshooting block storage issues in an OpenStack® environment

Course outline

Module 1: Course Overview

- Set out the course objectives

Module 2: Cinder Overview and Installation

- What is Cinder
- Storage Types
- Features and functions of Cinder
- Installing Cinder
- Using Cinder
- Managing Quotas

Module 3: Cinder and multiple back ends

- Working with multiple back ends
- Detail on volume types
- Configuring multiple back ends
- The Cinder scheduler
- Setting Quality of Service
- Migrating volumes

Module 4: Troubleshooting Cinder

- Study the volume creation process
- Look at the Cinder Services
- Locate Cinder log files
- Trace target details through to instances
- Look at a Cinder oriented network implementation
- Undertake a challenge lab

Learn more

[**hpe.com/us/training/cloud**](http://hpe.com/us/training/cloud)

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