

Training: Red Hat
CEPH130 Red Hat Ceph Storage for OpenStack Technologies

FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Hardcopy	1200 EUR	2 days
Traditional	CTAB Tablet	1300 EUR	2 days
Distance learning	Hardcopy	1200 EUR	2 days
Distance learning	CTAB Tablet	1200 EUR	2 days

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:

Red Hat® Ceph Storage for OpenStack® Technologies (CEPH130) is part of the Emerging Technology series of courses from Red Hat Training. This course is designed for storage administrators or cloud operators who are intending to integrate Red Hat Ceph Storage into their OpenStack environment.

Red Hat Ceph Storage for OpenStack Technologies provides an overview of the Red Hat Ceph Storage architecture and its deployment. This includes deploying the Ceph Storage Cluster (based on RADOS), the Ceph Object Gateway (based on RADOSGW), and the Ceph Block Device (based on RADOS Block Device, or RBD). This course also covers integration with Glance and Cinder in Red Hat Enterprise Linux® OpenStack Platform and configuring Red Hat Ceph Storage as a replacement for Swift (integration with Keystone).

CONSPECT:

- Introduction
 - Introduction to storage systems, overview of Ceph, explanation of Ceph design, architecture, and components.
 - Overview of architectural requirements, role of core RADOS components, and Ceph Gateway (RADOSGW).
- Ceph block storage
 - Understand Ceph Storage Cluster (RADOS) and Ceph Snapshots.
 - Learn how to clone and cache with Ceph Block devices.
- Object storage

- Understand and configure RADOSGW instances.
- Ceph and OpenStack
 - Identify OpenStack components and versions.
- Integrate Ceph with Glance
 - Understand, locate, and integrate Glance image storage with Ceph RBD.
- Integrate Ceph with Cinder
 - Understand, locate, and integrate Cinder with Ceph RBD.
- Ceph and RADOSGW replacing Swift
 - Learn about Keystone and Swift and integrate with RADOSGW.

REQUIREMENTS:

This course is intended for storage administrators, cloud operators, and developers wishing to learn how to deploy and manage Red Hat Ceph Storage within the Red Hat Enterprise Linux OpenStack Platform environment.

IT professionals who have earned an Red Hat Certified System Administrator (RHCSA) certification or maintain the equivalent experience with Linux.

Difficulty level



CERTIFICATE:

Participants will obtain certificates signed by Red Hat.

TRAINER:

Red Hat Certified Instructor.