

Red Hat Ceph Storage for OpenStack (CL260)

ID CL260 **Price** CHF 3,360.—(excl. VAT) **Duration** 4 days

Who should attend

- This course is intended for storage administrators and cloud operators who want to learn how to deploy and manage Red Hat Ceph Storage on servers in an enterprise data center or within a Red Hat OpenStack Platform or OpenShift Container Platform environment.
- Developers writing applications that use cloud-based storage will learn the distinctions of various storage types and client access methods.

Prerequisites

- Take our free assessment to gauge whether this offering is the best fit for your skills.
- Red Hat Certified System Administrator (RHCSA) certification, or equivalent experience.
- For candidates that have not earned an RHCSA or equivalent, confirmation of the correct skill set knowledge can be obtained by taking the online skills assessment.
- Some experience with storage administration is recommended but not required.

Course Objectives

Impact on the organization

Reliable and performant data storage is a critical component for enterprise application and infrastructure solutions. Software-defined storage offers organizations the flexibility to grow their data storage requirements while enabling applications to operate at cloud-scale. Red Hat Ceph Storage leverages commodity hardware to create distributed and scalable storage volumes that are both fault-tolerant and provide access via object, block, and file data levels. Successful planning, deployment and operation of a storage cluster can be achieved through completion of Cloud Storage with Red Hat Ceph Storage course.

Impact on the individual

As a result of attending this course, students will be able to deploy, operate, and manage a Red Hat Ceph Storage cluster. Students will learn why Red Hat Ceph Storage is the standard, integrated

cloud storage solution for Red Hat Cloud Platforms. Developer students will learn to implement each available storage type and method offered by Red Hat Ceph Storage, and be able to choose the correct type and method for their enterprise storage scenarios and applications. Administrators and operators will be able to perform Ceph cluster management, including configuration, daily operations, troubleshooting, performance tuning, and scaling.

Course Content

- Deploy and manage a Red Hat Ceph Storage cluster on commodity servers.
- Perform common management operations using the web-based management interface.
- Create, expand, and control access to storage pools provided by the Ceph cluster.
- Access Red Hat Ceph Storage from clients using object, block, and file-based methods.
- Analyze and tune Red Hat Ceph Storage performance.
- Integrate Red Hat OpenStack Platform image, object, block, and file storage with a Red Hat Ceph Storage cluster.
- Integrate OpenShift Container Platform with a Red Hat Ceph Storage cluster.

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Training Centres worldwide



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