

RED HAT CERTIFIED SYSTEM ADMINISTRATOR IN RED HAT OPENSTACK EXAM (EX210) OBJECTIVES

The following exam objectives are based on Red Hat® OpenStack® Platform 6.

DATASHEET



The Red Hat Certified System Administrator (RHCSA) in Red Hat OpenStack exam (EX210) tests candidates' skills, knowledge, and abilities needed to create, configure, and manage private clouds using Red Hat OpenStack Platform.

An IT professional who has earned the RHCSA in Red Hat OpenStack has demonstrated the skills, knowledge, and abilities needed to create, configure, and manage private clouds using Red Hat OpenStack Platform.

This guide provides information candidates may use when preparing to take the Red Hat Certified System Administrator (RHCSA) in Red Hat OpenStack exam (EX210) based on Red Hat OpenStack Platform 6.

IN PREPARATION

Red Hat recommends that candidates take the Red Hat OpenStack Administration (CL210) course.

STUDY POINTS FOR THE EXAM

Exam objectives highlight the tasks you can expect to see on the exam. Red Hat reserves the right to add, modify, and remove objectives. Such changes will be made public through revisions to this document.

Candidates for the RHCSA in Red Hat OpenStack should be able to perform the following tasks:

- Install and configure Red Hat OpenStack Platform.
- Manage users.
- Manage projects.
- Manage flavors.
- Manage roles.
- Set quotas.
- Manage images.
- Configure images at instantiation.
- Add additional compute nodes.
- Manage Swift storage.
- Manage networking.
- Manage Cinder storage.

WHAT YOU NEED TO KNOW

Red Hat encourages all candidates for the RHCSA in Red Hat OpenStack to consider taking the Red Hat OpenStack Administration (CL210) course. Attendance in this class is not required, so one can choose to take just the exam.

While attending Red Hat classes can be an important part of one's preparation to take this exam, attending class does not guarantee success on the exam. Previous experience, practice, and native aptitude are also important determinants of success.

Many books and other resources on system administration for Red Hat's products are available. Red Hat does not officially endorse any as preparation guides for its exam. Nevertheless, you may find additional reading deepens understanding and can prove helpful.



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ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.

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EXAM FORMAT

This exam is a performance-based evaluation of Red Hat OpenStack Platform skills and knowledge. Candidates perform a number of systems administration tasks focused on configuring and administering an OpenStack cloud and are evaluated on whether they have met specific objective criteria. Performance-based testing means that candidates must perform tasks similar to what they perform on the job.

This exam consists of one section lasting three hours.

SCORES AND REPORTING

Official scores for exams come exclusively from Red Hat Certification Central. Red Hat does not authorize examiners or training partners to report results to candidates directly. Scores on the exam are usually reported within three U.S. business days.

Exam results are reported as section scores. Red Hat does not report performance on individual items, nor will it provide additional information upon request.

AUDIENCE

These audiences may be interested in earning the RHCSA in Red Hat OpenStack:

- System administrators who want to demonstrate their use of Red Hat OpenStack Platform skills
- Red Hat Certified Engineers (RHCE®) who wish to pursue Red Hat Certified Architect (RHCA)

PREREQUISITES FOR THIS EXAM

Candidates for this exam should:

- Be an RHCSA, or have comparable work experience and skills—being an RHCE would be even better.
- Have taken the Red Hat OpenStack Administration (CL210) course or have comparable work experience using Red Hat OpenStack Platform.
- Review the RHCSA in Red Hat OpenStack exam (EX210) objectives.

RECOMMENDED TRAINING

RED HAT OPENSTACK ADMINISTRATION (CL210)

- Learn to install, configure, and maintain a cloud computing environment using Red Hat OpenStack Platform.

RED HAT OPENSTACK ADMINISTRATION WITH EXAM (CL211)

- Learn to install, configure, and maintain a cloud computing environment using Red Hat OpenStack Platform and then demonstrate your skills and knowledge by taking the Red Hat Certified System Administrator in Red Hat OpenStack (EX210) exam, and become certified as a Red Hat Certified System Administrator (RHCSA) in Red Hat OpenStack.

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