

Why Red Hat Certified OpenStack Administrator Certifications ?

A Red Hat Certified Specialist in Cloud Infrastructure exam is able to perform advanced operations and management tasks on a Red Hat OpenStack Platform cluster.

Audience Profile :

This course is designed for cloud users who deploy application instances and stacks, domain operators who manage resources and security for cloud users, and any other cloud personnel interested in, or responsible for, maintaining applications on private or hybrid OpenStack clouds. Any cloud persona, or personnel with roles that include performing technology evaluation, should attend this course to learn RHOSP operation and application deployment methods.

Prerequisites:

- Be a Red Hat Certified Engineer (RHCE), Red Hat Certified Specialist in Ansible Automation, or demonstrate equivalent experience.
- For candidates that have not earned an RHCE or equivalent, confirmation of the correct skill-set knowledge can be obtained by taking our free assessment to gauge whether this offering is the best fit for your skills.



Course Overview:

- Manage the OpenStack control plane
- Manage infrastructure security
- Manage OpenStack user securitys
- Manage application deployment resources
- Manage Storage in Red Hat OpenStack Platform
- Manage OpenStack networking
- Manage compute node operations
- Monitor OpenStack operations
- Automate cloud application deployment
- Troubleshoot OpenStack operations

In this Learning path

1. **Red Hat OpenStack Administration I: Core Operations for Domain Operators**
2. **Red Hat OpenStack Administration II: Day 2 Operations for Cloud Operators**

Red Hat OpenStack Administration I: Core Operations for Domain Operators Outline:

- Introduction to Red Hat OpenStack Platform
- Manage application projects in a multitenant cloud
- Manage OpenStack networking
- Configure resources to launch a non-public instance
- Configure virtual machine system disks
- Provide additional storage strategies
- Configure resources to launch an instance with public access
- Automate customized cloud application launches
- Manage cloud application placement

RedHat Linux Administration I Outline:

- Navigate the Red Hat OpenStack Platform architecture
- Operate the control plane
- Manage infrastructure security
- Manage user security
- Manage application deployment resources
- Manage storage
- Manage networking
- Manage compute node operations
- Monitor Red Hat OpenStack Platform operations
- Automate cloud applications
- Troubleshoot operations
- Comprehensive review

Training Solutions:

- ✓ Offline Classroom Instructor-Led Training in our labs or onsite Locations.
- ✓ Virtual Instructor-Led Training Via Virtual Video Conferencing Tools.

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