

Red Hat CloudForms Hybrid Cloud Management with Exam (CL 221)

COURSE OVERVIEW:

Red Hat CloudForms Hybrid Cloud Management teaches you how to perform an initial configuration and setup of Red Hat CloudForms.

This course can also help you in your preparation for the Red Hat Certificate of Expertise in Hybrid Cloud Management exam (EX220).

Note: Red Hat CloudForms Hybrid Cloud Management (CL220) is a 4-day course that combines concepts from both Red Hat CloudForms Hybrid Cloud Administration (CL216) and Red Hat CloudForms Hybrid Cloud Operations (CL218). If you are interested only in administration or operations, please see either of those courses, respectively.

WHO WILL BENEFIT FROM THIS COURSE?

- IT professionals with Red Hat Certified System Administrator (RHCSA) or equivalence system administration skills
- Infrastructure managers seeking to control, monitor and audit their infrastructures
- System and VM administrators seeking to manage and deploy systems in hybrid cloud environments
- System and VM administrators who already have a cloud deployment seeking to simplify management

PREREQUISITES:

- Knowledge of Red Hat Enterprise Virtualization, vSphere, or Amazon EC2 is helpful, but not required
- Red Hat Certified System Administrator (RHCSA) or equivalent system administration skills

COURSE OBJECTIVES:

As a result of attending this course, you should be able to audit and manage workloads in a hybrid cloud environment.

You should be able to demonstrate the following skills:

- Deploy CloudForms
- Connect various providers
- Provision virtual machines
- Perform SmartState analysis of virtual machines
- Create control and compliance policies
- Create custom reports
- Manage alerts
- Automate tasks
- Create Catalogs

Attain the skills and prepare for the Red Hat Certificate of Expertise in Hybrid Cloud Management exam (EX220).

COURSE OUTLINE:

Introduce Red Hat CloudForms

- Introduce and describe CloudForms architecture and terminology.

Implement CloudForms

- Deploy and configure the CloudForms appliance.

Connect to CloudForms providers

- Connect CloudForms to infrastructure, cloud, and network providers.

Organize CloudForms

- Create tenants, users, and tags for CloudForms management.

Provision virtual machines

- Provision virtual machines (VMs) using CloudForms.

Manage resource policies

- Implement CloudForms control and compliance policies.

Generate CloudForms reports

- Display information on VMs and their resource use.

Manage the CloudForms lifecycle

- Manage CloudForms lifecycle events.

Analyze metrics with CloudForms Intelligence

- Use CloudForms Intelligence metrics to analyze infrastructure utilization.

Configure CloudForms alerts

- Set up alarms and triggers to monitor infrastructures.

Automate tasks in CloudForms

- Execute CloudForms automations to speed up delivery.

Manage catalogs

- Manage catalogs and order services from a catalog.

CloudForms automation with Ansible

- Automate CloudForms deployment with Ansible Tower by Red Hat.

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Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their cloud technology investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

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- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience.
- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

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- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

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- Enthusiastic Student Services team available to answer any questions and ensure a quality training experience