

4 Days

CL220- Red Hat CloudForms Hybrid Cloud Management

In this course, students use a hybrid environment, configuring Red Hat CloudForms to work with Red Hat Virtualization and Red Hat OpenStack® Platform, deploy virtual machines (VMs) with templates and customization, produce chargeback reports on VM and resource use and automations, and perform policy-based management. This course covers CloudForms tenants, interface customization, timeline and event analysis, and service provisioning.

Course content summary

- Configure Red Hat CloudForms 4
- Define regions, zones, tenants, users, groups, and roles
- Provision and manage VMs
- Generate reports and cloud information from CloudForms analytics
- Configure Red Hat CloudForms alerts
- Automate tasks with CloudForms
- Manage service catalogs
- Use Ansible by Red Hat with CloudForms to automate system configuration

Course Details

Course Outline

Architecture overview Learn about the Red Hat CloudForms Management Engine appliance architecture. Initial setup Deploy a CloudForms Management Engine Appliance. Configuration Configure a CloudForms Management Engine Appliance to work with your cloud environment. Provisioning Deploy a virtual machine (VM) with templates and customization. Policy-based administration Manage and audit VMs from within a policy. Reporting Report on VM and resource usage. User customizations Adapt the CloudForms interface to user needs. Manage the lifecycle Use the CloudForms lifecycle management features. Use intelligence Understand capacity and usage metrics. Exploit monitoring features Set up alarms and triggers to monitor infrastructures. Discover CloudForms Automate Execute automations to speed up delivery. Catalogs and services Define the catalog and services.

Who Should Attend

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

Pre Requisite

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

Exams

Red Hat CloudForms Hybrid Cloud Management []

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