

Course Outline

CL220 Red Hat CloudForms Hybrid Cloud Management

Introduction

Red Hat® CloudForms Hybrid Cloud Management (CL220) is for cloud administrators and operators who need to use Red Hat CloudForms to manage cloud instances running on multiple cloud providers or virtualization infrastructures. This course is based on Red Hat CloudForms 4.

Overview

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.

Outcomes

After completing this course, students should be able to audit and manage workloads in a hybrid cloud environment.

Students 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

Audience

- Cloud administrators and cloud operators responsible for maintaining hybrid cloud environments
- Cloud architects who intend to use CloudForms for management and analysis of their company's cloud environment
- DevOps engineers responsible for creating an environment that provides virtual machines (VMs) for developing and testing applications, building service catalogs, and automating workflows

Prerequisites

- Red Hat Certified System Administrator (RHCSA®) or equivalent system administration skills
- Knowledge of Red Hat Virtualization, Red Hat OpenStack Platform, vSphere, or Elastic Compute Cloud (EC2) is helpful but not required

Course Details

Course code: CL220

Duration: 4 days

Starting time: 9.00 am

Finishing time: 5.00 pm

Booking guidelines

Contact our Learning Consultants on 1300 86 87246 and we will assist you with your booking.



☎ 1300 86 87246

1300 TO TRAIN

**For more information about any of our training courses, contact our Learning Consultants
on 1300 86 87246 or email us on info@advancedtraining.com.au
Visit us on the web at www.advancedtraining.com.au**

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.