

VEDITHTECH

CloudComputing:

Course Description

Red Hat Cloud Computing is a set of principles and approaches to deliver **computing** infrastructure, **services**, platforms, and applications—sourced from **clouds**—to users on-demand across a network. Leverage your **Red Hat Cloud Computing** technology with **training** from Global Knowledge.

Course Content

CLOUD FORMS HYBRID CLOUD MANAGEMENT

Implement CloudForms

Deploy and configure the **Course Outline**

Introduce Red Hat CloudForms

Introduce and describe CloudForms architecture and terminology.
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.

REDHAT ENTERPRISE VIRTUALIZATION

REDHAT ENTERPRISE VIRTUALIZATION (RH318)

Unit 1: Introduction to Red Hat Enterprise Virtualization Platform

Red Hat Enterprise Virtualization overview

Red Hat Enterprise Virtualization demo

x86 Virtualization

Introduction to KVM

Unit 2: Red Hat Enterprise Linux 5.4 Hosts

Red Hat Enterprise Linux 5.4 hosts in the data center

Using live-CD tools

Unit 3: Red Hat Enterprise Virtualization Hypervisor

Architecture overview

Deployment modes

Installation and configuration

Reconfiguration/tools

Upgrading

Kernel command line parameters/automated installs

Boot process

Configuration persistence

Troubleshooting

Unit 4: Red Hat Enterprise Virtualization Architecture

Physical resources

Virtual resources

Data center creation examples

Populating ISO library

Unit 5: Red Hat Enterprise Virtualization Manager

Management console demonstration

Management console installation process

Management console post-installation

Unit 6: Red Hat Enterprise Virtualization Virtual Server

New virtual server

Creating your first VM

Editing VM properties

VM live migration

Unit 7: Red Hat Enterprise Virtualization Platform Image Management

New virtual server

Creating your first VM

Editing VM properties

VM live migration

Unit 8: Advanced topics and labs

