DEPLOYING SYSTEMS IN CLOUD ENVIRONMENTS

DEPLOY VIRTUAL MACHINES IN A PUBLIC, PRIVATE, OR HYBRID CLOUD USING RED HAT

COURSE OVERVIEW

Deploying Systems in Cloud Environments (CL260) teaches you how to deploy virtual machines (VMs) in a public, private, or hybrid cloud using Red Hat® CloudForms. Hands-on labs further learning and allow students to practice and demonstrate real-world competency.

You will learn how to configure:

- System engine to provide software repositories and system templates.
- Cloud engine to deploy instances in a local Red Hat Enterprise Virtualization environment and in Amazon EC2.
- Configuration server to provide post-boot configuration.
- A proxy to provide access to system engine when system engine is behind a network address translation (NAT) firewall.
- CloudForms to manage machines in a private cloud, then transition to a public cloud to deploy machines in a hybrid cloud.

Course content summary:

- Prepare and deploy VMs in Red Hat Enterprise Virtualization and EC2 using CloudForms and prepare to deploy VMs in vSphere using CloudForms.
- Configure CloudForms system engine, cloud engine, and configuration server.
- Deploy multi-instance applications using configuration server.

AUDIENCE

- IT professionals with Red Hat Certified System Administrator (RHCSA)-level skills and knowledge
- System and VM administrators seeking to deploy systems in cloud environments

FORMAT	LENGTH	PRICE*
Classroom CL260	4 days	$3,100 or 11 training units
Team on-sites	Contact a training specialist for a quote at 866-626-2994	

* Price subject to change

- System and VM administrators whose organizations already have a cloud deployment and want to expand to other private or public clouds

PREREQUISITES

- RHCSA or equivalent system administration skills
- Knowledge of Red Hat Enterprise Virtualization, vSphere, or EC2 is helpful, but not required

COURSE DETAILS

Introduction to Clouds and CloudForms

Understand the Red Hat CloudForms architecture.

System engine: Installation and repositories

Install, configure, and access system engine. Enable Red Hat repositories and create custom repositories.

System engine: System templates

Create and manage system templates in system engine. Monitor and maintain system engine.

Cloud engine configuration

Install, configure, and access cloud engine.

Cloud engine management

Manage instances using CloudForms in Red Hat Enterprise Virtualization and Amazon EC2.

Configuration server

Install, configure, and access configuration server. Configure a proxy to allow remote instances to access system engine behind a network address translation (NAT).

Advanced configuration server

Deploy a multi-instance application using configuration server.

Advanced CloudForms

Manage organizations, GPG keys and user accounts in system engine.

Comprehensive review

Review the installation and configuration of CloudForms.

WAYS TO TRAIN

Classroom training

Red Hat offers a robust six-month schedule of classroom training in more than 40 locations across North America. That convenience, combined with our high-quality classroom experience and instructor expertise, helps ensure companies and individuals will achieve their training goals.

On-site team training

Training teams together is a proven way for IT staff to maximize the performance, savings, and management of Red Hat solutions. Available for the entire curriculum, on-site training also provides the option of customizing the course content to meet your specific training requirements. Whether at your offices, our training venues, or hosted in a virtual environment, on-site training solutions offer flexibility and cost-effective training options.

ABOUT RED HAT TRAINING

Red Hat Training delivers more than 30 Red Hat Enterprise Linux® and JBoss® Enterprise Middleware courses and exams. Our award-winning courses are taught by certified instructors and include hands-on labs and performance-based testing. This means your team acquires real-world skills that IT professionals need to manage successful open source infrastructures.

Red Hat training programs lead the pack. For the past five years, IDC has consistently ranked Red Hat as a leader in training and certification in its competitive analysis, IDC MarketScape: Worldwide IT Education and Training Vendor Analysis. This third-party study assessed OEMs who offer training and ranked them on strategy and vision.

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