RED HAT ENTERPRISE DEPLOYMENT AND SYSTEMS MANAGEMENT

MANAGE RED HAT ENTERPRISE LINUX DEPLOYMENTS

VALUE OF TRAINING

Your team is your most valuable asset. By investing in the expertise of your staff, you can ensure optimal system performance, enhance productivity, and mitigate risk. When you include hands-on training from Red Hat as part of your deployment and maintenance strategy, you can maximize the value of your Red Hat technology invest ment and reach new productivity heights.

MAIN COURSE DESCRIPTION

The Red Hat Enterprise Deployment and Systems Management (RH401) training course explores the concepts and methods necessary for successful large-scale deployment and management of Red Hat® Enterprise Linux® systems. Experienced system administrators will learn how to implement and manage Red Hat Enterprise Linux deployments efficiently and effectively, in ways that make their systems manageable by a team of administrators. Central to the course is training on the use of the Red Hat Network Satellite Server for deployment and provisioning of Red Hat Enterprise Linux systems. By the end of this course, students will have built their own RPM packages and will have used Subversion to make changes to scripts.

AUDIENCE

- Experienced Linux system administrators responsible for the planning, deployment, and management of multiple physical or virtualized servers
- Red Hat Certified Engineers (RHCEs) interested in earning a Red Hat Certificate of Expertise, a Red Hat Certified Datacenter Specialist (RHCDS), or a Red Hat Certified Architect (RHCA) credential

PREREQUISITES

- RHCE certification or equivalent experience
- Students without an RHCE certification are encouraged to check their experience levels by taking a free online skills assessment at **redhat.com/training/skills_assessment**

FORMAT	LENGTH	PRICE*
Classroom with exam** RH402	5 days	$3,500 12 training units
Classroom RH401	4 days	$3,200 11 training units
Exam** EX401		$600 2 training units
Team Onsites	Contact a training specialist for a quote at 866-626-2994	

* Price subject to change.
** You must be an RHCE to qualify for the exam.

COURSE DETAILS

Installing a Red Hat Network Satellite Server

- Install a Red Hat Network Satellite Server and populate it with software channel content.

Managing changes with revision control

- Deploy a Subversion repository and have multiple administrators use it to manage changes to configuration files and shell scripts.

Red Hat Network client configuration

- Register client systems with a RHN Satellite server, both interactively and with automation, and troubleshoot registration problems.

Red Hat Network software management

- Create and manage custom software channels, cloned software channels, and errata notifications with a RHN Satellite server.

Building RPMs

- Build and sign RPM packages that can be deployed by a RHN Satellite server.

RHN application programming interface

- Modify and write simple scripts that will interact with a RHN Satellite server with its API.

Provisioning with Kickstart

- Use RHN Satellite with Cobbler to create and manage a bare-metal provisioning environment.

Virtual machine management

- Manage and provision KVM guests using RHN Satellite.

RHN Satellite server administration

- Manage the embedded database and entitlement certificates and export software channels from an RHN Satellite server.

WAYS TO TRAIN

Whether you need to train a team of IT professionals or just yourself, Red Hat offers a variety of learning styles, delivery methods, certifications, savings programs, and customized solutions to maximize the return on your Red Hat enterprise investment.

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.

Virtual training

Our flexible virtual training courses allow IT professionals to experience the same industry-recognized classroom training while maintaining a partial work schedule and achieving cost savings objectives. This is live, instructor-led training, taken from your office or home.

Onsite team training

Training teams together is a proven way for IT staff to maximize the performance, savings, and management of Red Hat solutions. Whether at your offices, our training venues, or hosted in a virtual environment, onsite 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 that are offered in classroom, corporate on-site, and online settings. 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 is leading the pack in open source curriculum and certifications. In fact, IDC consistently ranks Red Hat as an overall 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.

READY TO TRAIN?

Contact a training specialist

Red Hat training is a critical strategy that helps companies realize the full potential of their IT teams and Red Hat enterprise technology. Contact a member of our sales team or a Red Hat training specialist for assistance designing a training path that is right for your needs.

RED HAT ENTERPRISE DEPLOYMENT AND SYSTEMS MANAGEMENT EXPERTISE EXAM (EX401)

This performance-based exam tests the skills covered in the Red Hat Enterprise Deployment and Systems Management training course. In order to enroll in this exam, candidates must hold a current RHCE certification.

An RHCE who passes this exam will have earned a Certificate of Expertise. This Certificate of Expertise counts toward earning RHCDS and RHCA certifications.

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