Red Hat Certified Specialist in Deployment and Systems Management exam

Kód kurzu: EX403

The Red Hat Certified Specialist in Deployment and Systems Management exam (EX403) tests the knowledge, skills, and abilities needed to manage large installations of Red Hat® Enterprise Linux® systems using Red Hat Satellite server and related technologies.By passing this exam, you become a Red Hat Certified Specialist in Deployment and Systems Management, which also counts toward becoming a Red Hat Certified Architect (RHCA®).Objectives listed for this exam are based on the most recent Red Hat product version available.

Pro koho je kurz určen

These audiences may be interested in earning the Red Hat Certificate of Expertise in Deployment and Systems

Management certification:

- System administrators responsible for managing large enterprise environments
- Red Hat Certified Engineers (RHCEs) interested in becoming Red Hat Certified Architects (RHCAs)

What you need to know

Red Hat encourages all candidates for the Red Hat Certificate of Expertise in Deployment and Systems Management exam (EX403) to consider taking the Red Hat Satellite 6 Administration (RH403) course. Attendance in these classes is not required, and you can choose to take just an exam.
While attending Red Hat's classes can be an important part of your preparation, attending class does not guarantee success on the exam. Previous experience, practice, and native aptitude are also important determinants of success. Many books and other resources on system administration for Red Hat's products are available. Red Hat does not endorse any as preparation guides for any exams. Nevertheless, you may find additional reading helpful to deepen your understanding.

Exam format

This exam is a performance-based evaluation of systems deployment and management skills and knowledge.

Candidates perform a number of systems administration tasks focused on configuring Red Hat Satellite Server and then use that system to deploy client systems. Candidates are evaluated on whether they have met specific objective criteria.

Performance-based testing means that candidates must perform tasks similar to what they perform on the job.

Scores and reporting

Official scores for exams come exclusively from Red Hat Certification Central. Red Hat does not authorize examiners or training partners to report results to candidates directly. Scores on the exam are usually reported within 3 U.S. business days.
Exam results are reported as total scores. Red Hat does not report performance on individual items, nor will it provide additional information upon request.

Study points for the exam

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You should be able to perform these tasks:

- Configure Red Hat Satellite server
- Create and configure organizations and locations
- Create and configure users and roles
- Manage content and software products
- Synchronize Red Hat Enterprise Linux content
- Configure subscriptions, content, and content views

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- Create custom products and repositories and populate them with software
- Create products with repository discovery
- Create and configure development life cycles
- Manage signing of custom RPMs
- Manage systems
- Register existing hosts
- Install custom software on clients
- Manage hosts with host collections
- Create and use activation keys
- Deploy Satellite capsule servers
- Publish and synchronize content to a Satellite capsule server
- Filter content with Content Views
- Apply updates to selected hosts
- Create content filters using Content Views
- Manage Ansible roles and remote execution
- Configure Ansible remote execution
- Manage Ansible roles and variables in Satellite
- Run remote jobs on managed hosts
- Provision clients
- Configure bare-metal deployments
- Prepare network configuration for provisioning on either a Satellite or a capsule server
- Provision bare metal and virtual clients using kickstarts
- Ensure remote executions are applied upon client installation
- Maintain Satellite
- Provision bare metal and virtual clients using kickstarts
- Perform Satellite maintenance
- Backup Satellite

As with all Red Hat performance-based exams, configurations must persist after reboot without intervention.

Požadované vstupní znalosti

- Be a Red Hat Certified System Administrators (RHCSA®) or have equivalent experience and skills; being a RHCE recommended.
- Have taken Red Hat Satellite 6 Administration (RH403) course or have equivalent experience.
- Review the Red Hat Certificate of Expertise in Deployment and Systems Management exam (EX403) objectives.

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