

Red Hat System Administrator III with RHCSA and RHCE Exams (RH255)

Prehľad

If you are an experienced Linux® system administrator and hold a Red Hat Certified System Administrator (RHCSA®) credential or possess equivalent skills and want to broaden your ability to administer Linux systems at an enterprise level, this is the perfect course. The course will empower you to deploy and manage network servers running caching domain name service (DNS), MariaDB, Apache HTTPD, Postfix SMTP mail clients, network file sharing with network file system (NFS) and server message block (SMB), iSCSI initiators and targets, advanced networking and firewall configurations, and to use bash shell scripting to help automate, configure, and troubleshoot your system. Through lectures and hands-on labs, you will be exposed to all competencies covered by the Red Hat Certified Engineer (RHCE) exam (EX300), supplementing what you have already learned in earning your RHCSA credential. This course is based on Red Hat® Enterprise Linux 7. It covers the same material as RH254, but includes the Red Hat Certified Engineer (RHCE) exam (EX300).

Vzdelávacie ciele

At the completion of this course, students already familiar with the RHCT/RHCSA administration skills will have exposure to all competencies tested by the RHCSA and RHCE exams. This class includes the RHCSA and the RHCE exams.

Getting Started with the Classroom Environment

Given a virtualized environment, begin to administrate multiple systems using prerequisite skills

Enhance User Security

Configure system to use Kerberos to verify credentials and grant privileges via sudo

Bash Scripting and Tools

Automate system administration tasks utilizing Bash scripts and text-based tools

File Security with GnuPG

Secure files with GnuPG.

Software Management

Use yum plugins to manage packages and understand the design of packages to build a simple package

[Online registrácia](#)

Termíny

Trvanie kurzu (v dňoch): 5 Days

G2R = "Garantovaný termín" | OLL = "Online LIVE"
ILT = "Kurz vedený inštruktorom"

Pre tento kurz aktuálne nemáme plánované žiadne verejné termíny. Prosím, použite naše kontaktné informácie a vyžiadajte si od nás ďalšie termíny školení pre verejné triedy, alebo nám zašlite vašu žiadosť o školenie v privátnej triede.

Network Monitoring

Profile running services then capture and analyze network traffic

Route Network Traffic

Configure system to route traffic and customize network parameters with sysctl

Secure Network Traffic

Secure network traffic through SSH port forwarding and iptables filtering/network address translation (NAT)

NTP Server Configuration

Configure an NTP server

Filesystems and Logs

Manage local file system integrity, monitor system over time, and system logging

Centralized and Secure Storage

Access centralized storage (iSCSI) and encrypt filesystems

SSL-encapsulated Web Services

Understand SSL certificates and deploy an SSL encapsulated web service

Web Server Additional Configuration

Configure web server with virtual hosts, dynamic content, and authenticated directories

Basic SMTP Configuration

Configure an SMTP server for basic operation (null client, receiving mail, smarthost relay)

Caching-Only DNS Server

Understand DNS resource records and configure a caching-only name server

File Sharing with NFS

Configure file sharing between hosts with NFS

File Sharing with CIFS

Configure file and print sharing between hosts with CIFS

File Sharing with FTP

Configure file sharing with anonymous FTP

Troubleshooting Boot Process

Understand the boot process and recover unbootable systems with rescue mode
