
Red Hat Enterprise Linux (RHEL 7) System Administration II Eğitimi

Eğitim Hakkında

Red Hat Enterprise Linux (RHEL 7) System Administration II eğitim kursu (Accelulate'in Red Hat Enterprise Linux System Administration I kursuyla birlikte), katılımcılara Red Hat Certified System Administrator (RHCSA) sınavındaki sertifika hedeflerine bağlı becerileri öğretir .

Neler Öğreneceksiniz

- Kickstart ile kurulumu otomatikleştirmeyi,
- Seviye komut satırı yapı taşlarını ve araçlarını kullanmayı,
- Sorun gidermeyi,
- Ağ dosya paylaşım sunucusu yapılandırmasını ayarlamayı,
- Bir dizin hizmetine bağlanmayı,
- Gelişmiş güvenlik ayarlarını yönetmeyi.

Eğitim İçeriği

Automated Installation with Kickstart

- Kickstart
- Anaconda: An Overview
- Anaconda: Booting the System
- Anaconda: Common Boot Options
- Anaconda: Loading Anaconda and Packages
- Anaconda: Storage Options
- Anaconda: Troubleshooting

Use Regular Expressions with Grep

Searching Inside Files
The Streaming Editor
Regular Expression Overview
Regular Expressions
RE Character Classes
Regex Quantifiers
RE Parenthesis

Create And Edit Text Files With Vim

Text Editing
vi and Vim
Learning Vim
Basic vi
Intermediate vi

Schedule Future Linux Tasks

Automating Tasks
at/batch
cron
The crontab Command
crontab Format
/etc/cron.* / Directories
Anacron

Manage Priority of Linux Processes

Viewing Processes
Managing Processes
Tuning Process Scheduling

Control Access to Files With Access Control Lists (ACL)

File and Directory Permissions
File Access Control Lists
Manipulating ACLs
Viewing ACLs
Backing Up ACLs

Manage SELinux Security

SELinux Security Framework
SELinux Modes
SELinux Commands
Choosing an SELinux Policy
SELinux Booleans
Permissive Domains
SELinux Policy Tools
SELinux Troubleshooting
SELinux Troubleshooting Continued

Connect to Network-Defined Users and Groups

RHEL DS Client Configuration
System Security Services Daemon (SSSD)

Add Disks, Partitions, And File Systems To A Linux System

Partitioning Disks with fdisk & gdisk
Resizing a GPT Partition with gdisk
Partitioning Disks with parted
Non-Interactive Disk Partitioning with sfdisk
Filesystem Creation
Filesystem Maintenance

Managing an XFS Filesystem
Swap

Manage Logical Volume Management (LVM) Storage

Logical Volume Management
Implementing LVM
Creating Logical Volumes
Activating LVM VGs
Exporting and Importing a VG
Examining LVM Components
Changing LVM Components
Advanced LVM Overview
Advanced LVM: Components & Object Tags
Advanced LVM: Automated Storage Tiering
Advanced LVM: Thin Provisioning
Advanced LVM: Striping & Mirroring
Advanced LVM: RAID Volumes

Access Networked Attached Storage with Network File System (NFS)

File Sharing via NFS
NFSv4+
NFS Clients
NFS
NFS Server Configuration

Access Networked Attached Storage with SMB

Accessing Windows/Samba Shares from Linux
AutoFS
AutoFS Configuration

Control and Troubleshoot The Red Hat Enterprise Linux Boot Process

System Boot Method Overview
systemd System and Service Manager
Modifying systemd services
Systemd Service Sandboxing Features
systemd Targets
Using systemd
Legacy Support for SysV init
Booting Linux on PCs
GRUB 2
GRUB 2 Configuration
GRUB 2 Security
Boot Parameters
Initial RAM Filesystem
init
Linux Runlevels Aliases
Systemd local-fs.target and sysinit.target
Systemd basic.target and multi-user.target
Legacy local bootup script support
System Configuration Files

RHEL7 Configuration Utilities
Shutdown and Reboot

Linux Network Communication with Firewall

Netfilter: Stateful Packet Filter Firewall
Netfilter Concepts
Using the iptables Command
Netfilter Rule Syntax
Targets
Common match_specs
Extended Packet Matching Modules
Connection Tracking
Firewalld

Comprehensive Review

System Administration II