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Red Hat

Red Hat Enterprise Linux 8 - Linux Admin 1

CODE:

REH_RH8SA-WS1

LENGTH:

40 Hours (5 dage)

PRICE:

kr 19,100.00

Description

Objectives

Linux is heavily relied upon in business, education and government. Due to its outstanding reliability, performance and low cost, Linux is being used extensively for file, database and web server applications. Of all the various Linux systems available, Red Hat Enterprise Linux has become the corporate Linux standard.

This Red Hat 8 System Administration course is aimed at users and administrators who need to manage Enterprise Linux systems, not just Red Hat but also any of the rebuild projects like CentOS and Scientific Linux. The course will teach students basic Enterprise Linux administration techniques, including; command line access, process control and user and group management.

Audience

This course helps administrators new to Red Hat 8 or CentOS 8 quickly become skilled in the core tasks involved in managing Enterprise Linux solutions.

Prerequisites

No previous experience with a UNIX or Linux system is required, although delegates will benefit from attending our UNIX & Linux Essentials course.

Programme

	Accessing the Command Line	Managing Linux Files
	Shell Basics	Understanding the Linux File System Hierarchy
	Logging into Linux Locally	Referencing Files by Name
	Logging into Linux over the Network	Managing Files Using Command Line Tools
	Accessing the CLI from the GUI	Creating Hard and Symbolic Links
	Executing Commands at the Bash Shell	Using Shell Expansion to Match Files Names
	Editing the Command Line	Brace Expansion
What is Red Hat Enterprise Linux	Reading File Contents	Tilde Expansion
Linux and Open source Software	Full Path or Relative Path	Variable Expansion
What is a Linux Distribution	Bash History	Command Substitution

	Managing Text Files	
	Shell Redirection	
	Redirecting to Files	
	Using the Tee Command	
	Redirecting Input	
	Creating Additional File Descriptors	Managing Local Users and Groups
	Creating Text Files with Bash Here Documents	Users and Groups Explained
	Editing Text Files with vim	Elevating Privileges
	The three modes of Vi	Using su
	Editing Text Files with nano	Using sudo
	Editing Text Files Programmatically with sed	Managing Local Users
	Customizing the Shell Environment	Creating New Users
	Assigning Values to Variables	Modify User Accounts
	Retrieving Values with Variable Expansion	Deleting Users
	Configuring Bash with Shell Variables	Managing Local Groups
Getting Help In Linux	Configuring Programs with Environment Variables	Managing Passwords
Simple Help Option	Setting the Default Text Editor	The /etc/shadow File
Linux Man Pages	Setting Variables Automatically	Modify Password Aging
Linux Info Pages	Unsetting and Unexporting Variables	Password Aging Defaults
Managing Linux File Permissions		
Understanding Linux File Permissions		
File Types		
Reading File Permissions		
Using Perl Scripts to Read File Permissions		
Translating Symbolic Permissions to Octal and Binary Notation		
File Ownership	Monitoring and Managing Processes	
Changing File Ownership	Process States	
Default Permissions and Umask	Listing Processes	Managing Services
Setting File Permissions Using chmod	Searching for Processes	Introduction to systemd
Setting Permissions only on Directories	Real-Time Utilization	Describing Service Units
Special Permissions	Controlling Jobs	Listing Service Units
Listing SUID Programs	Running Jobs in the Background	Viewing Service States
Permissions Summary	Killing Processes	Controlling Services
	Networking Within Red Hat Enterprise Linux 8	
	TCP/IP Protocol Suite	
	IPv4 Network Addressing	
	Network Mask	
	IPv6 Network Addressing	
	Interface Names in RHEL 8	
	Viewing Network Configuration	
	Check Connectivity with other Hosts	
	Diagnosing Open Ports on Server	
	Configuring the Network from the CLI	
Working with the SSH Client	Working with Network Script Files	
Authenticating Servers	Configuring Host Names and Name Resolution	
Configuring Client Behaviour	Name Resolution	
Authenticating the Client		
Configuring Clients		
Archiving Files		
Creating Tar Archives		
Listing Tar Archives	Managing Software in Red Hat Enterprise Linux 8	
Restoring Tar Archives	RPM	Linux Storage
Appending to Archives	Package Management with Yum	Block Devices
Combining Archives	Managing Repositories	Monitor Space
Restoring Files to Original Locations	Yum Modules	Searching for Files
Remote Monitoring		
Installing Cockpit		
Cockpit Virtual Machine Manager		

Session Dates

På anmodning. [Kontakt os venligst](#)

Yderligere Information

Denne træning er også tilgængelig som træning på stedet. [Kontakt os for at finde ud af mere.](#)