



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# Red Hat System Administration III

<b>CODE:</b>	<b>DURÉE:</b>	<b>PRIX H.T.:</b>
REH_254	32 Hours (4 Jours)	€2,660.00

## Description

Red Hat® System Administration III (RH254), related to Red Hat Enterprise Linux,® 7, is designed for experienced Linux system administrators who hold a Red Hat Certified System Administrator (RHCSA®) certification or equivalent skills and who want to broaden their ability to administer Linux systems at an enterprise level.

## Training Development

### Control services and daemons

- Review how to manage services and the boot-up process using `systemctl`

### Manage IPv6 networking

- Configure and troubleshoot basic IPv6 networking on Red Hat Enterprise Linux systems

### Configure link aggregation and bridging

- Configure and troubleshoot advanced network interface functionality including bonding, teaming, and local software bridges

### Control network port security

- Permit and reject access to network services using advanced SELinux and `firewalld` filtering techniques

### Manage DNS for servers

- Set and verify correct DNS records for systems and configure secure DNS caching

### Configure email delivery

- Relay all email sent by the system to an SMTP gateway for central delivery

### Provide block-based storage

- Provide and use networked iSCSI block devices as remote disks

### Provide file-based storage

- Provide NFS exports and SMB file shares to specific systems and users

### Configure MariaDB databases

- Provide a MariaDB SQL database for use by programs and database administrators

### Provide Apache HTTPD web service

- Configure Apache HTTPD to provide Transport Layer Security (TLS)-enabled websites and virtual hosts

### Write Bash scripts

- Write simple shell scripts using Bash

### Bash conditionals and control structures

- Use Bash conditionals and other control structures to write more sophisticated shell commands and scripts

### Configure the shell environment

- Customize Bash startup and use environment variables, Bash aliases, and Bash functions

### Linux containers preview

- Preview the capabilities of Linux containers and other related technologies in Red Hat Enterprise Linux 7

### Comprehensive review

- Practice and demonstrate knowledge and skills learned in Red Hat System Administration III

## Options

[Red Hat OpenStack Administration \(CL210\)](#)

[Red Hat OpenShift Administration \(DO280\)](#)

[Red Hat Certified Engineer exam \(EX300\)](#)

[Red Hat Enterprise System Monitoring and Performance Tuning exam \(EX442\)](#)

[Red Hat Enterprise Virtualization \(RH318\)](#)

[Red Hat Enterprise Deployment and Systems Management \(RH401\)](#)

[Red Hat Server Hardening \(RH413\)](#)

## **Dates de session**

Sur demande. [Merci de nous contacter](#)

## **Informations Complémentaires**

Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.