



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# Red Hat System Administration I

<b>CODE:</b>	<b>DURÉE:</b>	<b>PRIX H.T.:</b>
REH_124	5 Jours	€2,700.00

## Description

This course relates to Red Hat® Enterprise Linux® 7. Red Hat System Administration I (RH124) is designed for IT professionals without previous Linux administration experience. The course focuses on providing students with Linux administration "survival skills" by focusing on core administration tasks.

## Objectifs

La formation Administration système Red Hat I est un bon point de départ pour les étudiants qui souhaitent devenir administrateurs système Linux à temps plein. Elle les initie aux concepts de ligne de commande et autres outils d'entreprise. Ces éléments sont présentés plus en détail dans la formation suivante, Administration système Red Hat II (RH134).

## Audience

IT professionals across a broad range of disciplines who need to perform essential Linux administration tasks including installation, establishing network connectivity, managing physical storage, and basic security administration.

## Training Development

Access the command line  
Log in to a Linux system and run simple commands using the shell.  
Manage files from the command line  
Copy, move, create, delete, and organize files from the bash shell prompt.  
Get help in Red Hat Enterprise Linux  
Resolve problems by using online help systems and Red Hat support utilities.  
Create, view, and edit text files  
Create, view, and edit text files from command output or in an editor.  
Manage local Linux users and groups  
Manage local Linux users and groups, and administer local password policies.  
Control access to files with Linux file system permissions  
Set Linux file system permissions on files and interpret the security effects of different permission settings.  
Monitor and manage Linux processes  
Obtain information about the system, and control processes running on it.  
Control services and daemons  
Control and monitor network services and system daemons using systemd  
Configure and secure OpenSSH service  
Access and provide access to the command line on remote systems securely using OpenSSH  
Analyze and store logs  
Locate and accurately interpret relevant system log files for troubleshooting purposes.  
Manage Red Hat Enterprise Linux networking  
Configure basic IPv4 networking on Red Hat Enterprise Linux systems.  
Archive and copy files between systems  
Archive files and copy them from one system to another.  
Install and update software packages  
Download, install, update, and manage software packages from Red Hat and yum package repositories.  
Access Linux file systems  
Access and inspect existing file systems on a Red Hat Enterprise Linux system.  
Use virtualized systems  
Create and use Red Hat Enterprise Linux virtual machines with KVM and libvirt.  
Comprehensive review  
Practice and demonstrate the knowledge and skills learned in this course.

## Prérequis

There are no formal prerequisites for this course; however, previous operating system administration experience will be very beneficial.

## Programme

- Introduction à la ligne de commande
- Gestion du stockage physique
- Installation et configuration des composants logiciels et des services

- Établissement de connexions réseau et d'accès par le pare-feu
- Surveillance et gestion des processus
- Gestion et sécurisation des fichiers
- Gestion des utilisateurs et des groupes
- Accès aux systèmes de fichiers Linux
- Installation et utilisation de systèmes virtualisés
- Vérification des fichiers journaux et de l'historique

## Options

Red Hat System Administration II (RH134) or Red Hat System Administration II with RHCSA exam (RH135)

## Dates de session

Date	Lieu	Time Zone	Langue	Type	Garanti	PRIX H.T.
04 Jul 2022	Paris	CEDT	English	Instructor Led Online		€2,700.00
08 Aug 2022	Paris	CEDT	English	Instructor Led Online		€2,700.00

## Informations

### Complémentaires

[Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.](#)