

Training: Red Hat
RH124 Red Hat System Administration I

FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Hardcopy	1350 EUR	5 days
Traditional	CTAB Tablet	1450 EUR	5 days

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:

Red Hat System Administration I (RH124) relates to **Red Hat Enterprise Linux 7** and 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. System Admin I also provides a foundation for students wishing to become full time Linux system administrators by introducing key command line concepts and other enterprise level tools. These concepts are further developed in the follow-on course, **Red Hat System Administration II (RH134)**. Both courses are needed in your preparation for the **Red Hat Certified System Administrator Exam (EX200)**.

CONSPECT:

- 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.
- Getting 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.

REQUIREMENTS:

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

Difficulty level



CERTIFICATE:

Participants will obtain certificates signed by Red Hat.

TRAINER:

Red Hat Certified Instructor.