

Red Hat System Administration II («RH134»)

This course is specifically designed for students who have completed Red Hat® System Administration I (RH124). This course focuses on the key tasks needed to become a full time Linux® administrator.

Duration: 5 days

Price: 4'100.–

Vendor code: RH134

Content

This course goes deeper into enterprise Linux administration including file systems and partitioning, logical volumes, SELinux, firewalling, and troubleshooting. Attending both Red Hat System Administration I and Red Hat System Administration II can help you in your preparation for the [Red Hat Certified System Administrator exam \(EX200\)](#).

- **Automate installation with Kickstart**
 - Automate the installation of Red Hat Enterprise Linux systems with Kickstart
- **Use regular expressions with grep**
 - Write regular expressions that, when partnered with grep, will allow you to quickly isolate or locate content within text files
- **Create and Edit text files with vim**
 - Introduce the vim text editor, with which you can open, edit, and save text files
- **Schedule future Linux tasks**
 - Schedule tasks to automatically execute in the future
- **Manage priority of Linux processes**
 - Influence the relative priorities at which Linux processes run
- **Control access to files with access control lists (ACL)**
 - Manage file security using POSIX access control lists
- **Manage SELinux security**
 - Manage the Security Enhanced Linux (SELinux) behavior of a system to keep it secure in case of a network service compromise
- **Connect to network-defined users and groups**
 - Configure systems to use central identity management services
- **Add disks, partitions, and file systems to a Linux system**
 - Manage simple partitions and file systems
- **Manage logical volume management (LVM) storage**
 - Manage logical volumes from the command line
- **Access networked attached storage with network file system (NFS)**
 - Access (secure) NFS shares
- **Access networked storage with SMB**
 - Use autofs and the command line to mount and unmount SMB file systems
- **Control and troubleshoot the Red Hat Enterprise Linux boot process**
- **Limit network communication with firewall**
 - Configure a basic firewall
- **Comprehensive review**
 - Practice and demonstrate knowledge and skills learned in this course

Key Learnings

- Installation using Kickstart
- Manage filesystems and logical volumes
- Manage scheduled jobs
- Access network filesystems
- Manage SELinux
- Control firewalling
- Troubleshooting

Target audience

This course is singularly designed for students who have completed the following course. The organization of topics is such that it is not appropriate for student to use RH134 as a curriculum entry point. Students who have not taken a previous Red Hat course are encouraged to take either System Administration I if they are new to Linux, or the RHCSA Fast Track course (RH200) if they are experienced with enterprise Linux administration.

Requirements

The completion of the following course is a prerequisite:

- [Red Hat System Administration I \(«RH124»\)](#)

Additional information

A Red Hat course in english can be organised under certain conditions, do not hesitate to contact us if you are interested.

Further courses

- [Red Hat Certified Engineer \(RHCE\) \(«EX294»\)](#)

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-digital-transformation-technologies/cloud/course-red-hat-system-administration-ii-rh134