Red Hat System Administration II with RHCSA («RH135»)

This course is specifically designed for students who have completed Red Hat System Administration I (RH124). This version of the course includes the Red Hat Certified System Administrator Exam (EX200).

Duration: 5 days
Price: 4'400.–

Content

This course focuses on the key tasks needed to become a full time Linux administrator. 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), which is included in this version of the course.

- **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
- Managing filesystems and logical volumes
- Managing scheduled jobs
- Access network filesystems
- Managing SELinux
- Control firewalling
- Troubleshooting

Target audience

This course is singularly designed for students who have completed Red Hat System Administration I (RH124). 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 Rapid Track Course (RH200) if they are experienced with enterprise Linux administration.

Requirements

- Red Hat System Administration I («RH124»)

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/underlying-technologies/course-red-hat-system-administration-ii-with-rhcsa