OKR134

Administering of Red Hat based operating systems II

Description:

The three-day course builds on the course OKR124 - Administering of Red Hat based operating systems I and complements the participant's knowledge to Enterprise level administrator. Through this course, the participant closes the range of topics that appear in the test for Red Hat Certified System Administrator (RHCSA) certification.

Students will be able to:

- Manage file systems and logical volumes
- Set access permissions to files
- Perform advanced operations from the command line
- Tackle the problems associated with file system
- Set up and use LVM
- Access network based storage
- Configure firewall
- Manage SELinux

Course requirements:

The scope of knowledge appropriate to course OKR124 - Administering of Red Hat based operating systems I

This course is intended for:

- IT professionals who want to supplement their knowledge of the course OKR124 - Administering of Red Hat based operating systems I
- IT professionals who want to gain the knowledge needed to pass the exam Red Hat Certified System Administrator (RHCSA)

Literature:

Book RHCSA/RHCE Red Hat Linux Certification Study Guide - common for all OKR courses.

Hardware:

Classrooms are equipped with high-performance computers with Internet access and the possibility of wireless connection.

Syllabus:

Advanced usage of command line

- BASH

- Searching for files
- Searching in files
- Sudo management

Planning actions

- Planning in cron
- Planning in at

Performance tuning

- Process priority
- Kernel variables

ACL - extended access rights

- ACL management

SELinux management

- Subject and object context
- Mode management
- Restoring context

Instalation

- OS instalation

Storage management

- Storage naming
- Disk partitioning
- Filesystem format

Logical Volume Management

- Managing physical volumes
- Managing volume groups
- Managing logical volumes
- Snapshots

Advanced storage management

- VDO management
- Stratis management

Network storage

- Network Filesystem
- Autofs Management

Boot management

- GRUB configuration
- Troubleshooting

Network security

- Firewalld management

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