

training code: ELA020 / ENG DL 5d / EN

# Enterprise Linux Administration II

The training is based on the current CentOS **Linux distribution** versions, and the whole knowledge provided by this class might also be also used for administering other Linux distributions.

[Enterprise Linux Administration I \(ELA010\)](#) and [Enterprise Linux Administration II \(ELA020\)](#) trainings might also be used as a preparation for [RHCSA certification exam](#), authorised by Red Hat.

This is a practical author's training, providing participants with skills and knowledge related to basic operations in **UNIX environment**. The agenda include working in command line environment, file and software management, as well as system installation. Combined with Enterprise **Linux Administration II** (ELA020) training, it provides skills necessary in **basic system administration**.



## Purpose of the training

The **training** is intended for operating system and applications administrators, as well as the remaining technical staff who would like to study the **basics of Linux administration** or refresh and consolidate knowledge already possessed.



## Benefits of completing the training

- The **course** in combination with ELA010 training provides participants with independent working skills in command line environment with Linux/Unix systems using basic tools built in operational system and is a first step in learning the role of Linux/Unix system administrator
- **Practical skills** in administering network, block devices, and basic system services
- The participant is acquainted with configuration and **diagnostics** skills, as well as solving problems with servers configuration, gaining **skills** necessary in independent work



### Expected Listener Preparation

Taking part in **Enterprise Linux Administration I** (ELA010) training



### Training Language

- **Training:** English
- **Materials:** English



### Training Includes

- lab environment (112h within 14 days)



### Duration

5 days / 35 hours

## Training agenda

1. **Network diagnostics**
2. **Network administration** with **Network Manager**
3. Filesystem objects and hierarchy
4. **Advanced Permissions** – special bits
5. **Access Control** Lists on **filesystem**
6. Block devices administration
7. **Linux LVM**
8. **Linux Software RAID**
9. Local storage management with Stratis
10. Open **LDAP** integration
11. Free IPA integration
12. **Mounting NFS 3** and **NFS 4** shares

13. Mounting **CIFS** shares
14. Automounter
15. **NTP**
16. **SSH**
17. Copying files with scp and **rsync**
18. Basic **firewall** Operations
19. **Basic containers** concepts and tools in **EL**
20. Review LAB