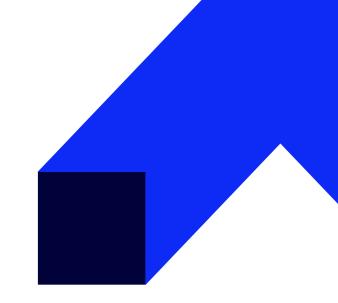


training code: ELA020 / ENG DL 5d / EN

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 <u>Enterprise</u> Linux **Administration** II (**ELA020**) trainings might also be used as a preparation for <u>RHCSA **certification exam**</u>, 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 skils, 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: EnglishMaterials: 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. Coping files with scp and **rsync**
- 18. Basic **firewall** Operations
- 19. Basic containers concepts and tools in EL
- 20. Review LAB