kod szkolenia: ELA010 / ENG DL 4d

Enterprise Linux Administration I

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.

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.

Training recipients

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.
This course is the first step to get skills necessary at work as a Linux operational system administrator.

Benefits

- An ability to work independently in command line environment in Linux/Unix systems using basic tools built in the operational system
- Experience in performing basic administration activities, gained by configruing simple system services

- The training is a first step to acuqire skills necessary at work as a Linux system administrator
- The participant is familiarized with standard and emergency procedures in system administration

Training program

1. Use different command line interfaces
2. Generic commands for file-system administration
3. Using man pages and build-in documentation
4. Unix tools for working with text files
5. Working in VIM basics
6. Bash output redirection and exit codes
7. Changing permission and ownership of files
8. How to use "find" utility (including actions)
9. Unix process administration
10. RPM packages administration with RPM and YUM
11. Package modules in EL
12. SELinux basics
13. Systemd services administration
14. Systemd targets
15. Boot process and boot troubleshoot
16. Local users and groups administration
17. Rsyslog daemon administration
18. Cron daemon administration
19. Configuring Cockpit for server administration
20. Use Libvirt and Cockpit with KVM
21. Manual and kickstart installations
22. Review LAB

Expected preparation of the participant

Some experience in administration of any operating system is preferred. We do not require any experience in UNIX/Linux.

Training Includes

- 5 days of work with a trainer

- Trainer’s supervision
- Contact with community
- Coursebook
- Lab environment

Training method

- lecture
- workshops

Czas trwania

4 dni / 28 godzin

Language

- Training: English
- Materials: English