

Linux – Installation

Course code: LXI1

his training course is intended for Linux operating system beginner administrators who need to install and administer the basic Linux system functions. The trainees will learn to install CentOS and the common tasks associated with administration and management of this system (disk installation and administration, user account administration, working with files, administration of installed packages, basic CentOS configuration).

Affiliate	Duration	Course price	ITB
Praha	2	7 800 Kč	20
Brno	2	7 800 Kč	20
Bratislava	2	340 €	20

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
06.10.2025	2	7 800 Kč	Presence	CZ/SK	GOPAS Praha
27.10.2025	2	340 €	Online	CZ/SK	Online
27.10.2025	2	7 800 Kč	Online	CZ/SK	Online
29.10.2025	2	7 800 Kč	Presence	CZ/SK	GOPAS Brno
01.12.2025	2	7 800 Kč	Presence	CZ/SK	GOPAS Praha
01.12.2025	2	340 €	Presence	CZ/SK	GOPAS Bratislava
19.01.2026	2	7 800 Kč	Presence	CZ/SK	GOPAS Brno
02.02.2026	2	7 800 Kč	Presence	CZ/SK	GOPAS Praha
30.03.2026	2	7 800 Kč	Presence	CZ/SK	GOPAS Brno
20.04.2026	2	7 800 Kč	Presence	CZ/SK	GOPAS Praha
08.06.2026	2	7 800 Kč	Presence	CZ/SK	GOPAS Praha
22.06.2026	2	7 800 Kč	Presence	CZ/SK	GOPAS Brno

The prices are without VAT.

Who is the course for

The training course is intended for computer system administrators who are beginning to work with or are switching over to the LINUX operating system. You will learn the installation and common tasks associated with its system administration and management

What we teach you

Trainees will learn to install CentOS and the common tasks associated with this system administration (disk installation and administration, user account administration, working with files, administration of installed packages, basic CentOS configuration).

Required skills

A basic knowledge of PC architecture and knowledge of OS operation and administration on the PC platform.

Course outline

Introduction

GOPAS Praha
Kodaňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno
Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava
Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk



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Linux – Installation

- History of UNIX and LINUX operating systems (BSD, System V)
- Philosophy of Unix-type operating systems, use, properties
- Standardization of POSIX, Single Unix Specification - SUS, Linux Standard Base - LSB
- Linux development, GNU project and Free Software Foundation, GPL license
- Alternatives to Linux, FreeBSD, OpenBSD, OpenSolaris and other systems
- Source of information and documentation
- Summary of Linux distribution and properties (RedHat, Debian, SUSE, Ubuntu, Mandriva, and others)

CentOS

- RedHat, Fedora, RHEL operating systems
- CentOS community system
- Distribution development cycle, CentOS support
- Installation options and types
- Installation medium review

Step-by-step CentOS installation

- Starting installation
- Hard disk partitioning, basic information about disk equipment in Linux, software RAID, LVM, file systems used (ext2, ext3, ext4, ReiserFS, JFS, XFS, etc.)
- Selecting installed packages
- Other installation procedure options and choices

Basic Administration and Management

- Directory structure overview, FHS
- Text and graphics mode, system login, basic system overview and review
- Midnight Commander, the basic tool for working with system files
- User account administration
- Files, ownership, access rights
- File systems, creating, checking and correcting, working with file systems
- Package administration, RPM Package Manager, YUM tool, repositories, updating, etc.

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