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# Plesk Training

2 days (14 hours)

## Overview

Plesk is a hosting management platform that centralizes the management of websites, DNS, email, databases, and SSL certificates. It is suitable for both single-server and multi-site environments, with an interface designed for productivity and delegation.

This training teaches you how to install, configure, and use Plesk to streamline operations: creating subscriptions, managing resources, security, backups, and monitoring. The goal is to make your deployments faster and your operations more reliable, whether you're working in an agency, managed services, or product team setting.

This training course takes a hands-on approach, featuring guided workshops, demonstrations of common issues (certificates, permissions, quotas), and the implementation of best practices. You'll leave with operational checklists, a hardening procedure, and a configuration template for hosting multiple applications.

Like all our training courses, this one will introduce you to **the latest stable version** of the technology and its new features.

## Objectives

- Install and update Plesk on a Linux server.
- Create subscriptions, domains, and accounts with delegation.
- Configure web, PHP, databases, and email.
- Secure the system with SSL, firewalls, hardening, and permissions.
- Automate backups, restores, and scheduled tasks.

## Target Audience

- Linux system administrators
- Support/operations technicians
- DevOps responsible for application hosting
- Webmasters managing multiple sites

## Prerequisites

- Basic knowledge of Linux administration (SSH, services, files)
- Basic understanding of HTTP/HTTPS and DNS
- Basic knowledge of databases (MySQL/MariaDB)
- Basic security concepts (accounts, permissions, updates)

## Technical prerequisites

- 64-bit Linux server or VM (Debian/Ubuntu recommended)
- Minimum 4 GB of RAM, 8 GB recommended
- 2 vCPUs and 40 GB of available disk space
- Root or sudo access, SSH, ports 80/443 open
- Modern browser for the administration interface

## Plesk training program

[Day 1 - Morning]

### Getting started with Plesk and administration basics

- Understanding Plesk architecture: admin, reseller, and client roles and scopes
- Interface overview: dashboards, services, logs, notifications
- Account and Permissions Management: Creating a Client, Subscriptions, Resource Limits
- Initial configuration: hostname, updates, session security, and best practices
- Hands-on workshop: Create a client, a subscription, and verify access rights.

[Day 1 - Afternoon]

### Domain management, DNS, webspaces, and hosting

- Creating and configuring a domain: webspace, aliases, redirects, and directory structure
- Configuring DNS in Plesk: zones, A/AAAA/CNAME/MX/TXT records
- Configuring hosting: PHP (versions, handlers), Apache/Nginx settings, logs
- Deploying a website: FTP/SFTP, file manager, permissions, and owners
- Hands-on workshop: Publishing a simple PHP website and validating DNS resolution.

[Day 2 - Morning]

## Email, databases, and backups

- Creating email accounts: email domains, quotas, forwarding, anti-spam, and DKIM
- Configuring access: webmail, IMAP/SMTP, TLS, and troubleshooting common errors
- Managing databases: MySQL/MariaDB/PostgreSQL, users, permissions, and remote access
- Setting up backups: scheduling, local/remote storage, retention, and restoration
- Hands-on workshop: Create a database and user, then restore a site from a backup.

[Day 2 - Afternoon]

## Security, SSL certificates, and day-to-day operations

- Deploying Let's Encrypt: certificates, renewal, enforcing HTTPS and HSTS (depending on context)
- Strengthening security: firewalls, Fail2ban, password policies, updates, and patches
- Monitoring and troubleshooting: web/mail logs, metrics, scheduled tasks, and alerts
- Key Plesk tools: extensions, WordPress Toolkit (if applicable), cloning/staging, and maintenance
- Hands-on workshop: Securing a domain (SSL + HTTPS) and analyzing an incident using logs.

## Target Audience

This training is intended for both individuals and companies, large or small, wishing to train their teams in new advanced IT technologies or to acquire specific professional knowledge or modern methods.

## Entry-level assessment

The pre-training assessment complies with Qualiopi quality standards. Upon final registration, the learner receives a self-assessment questionnaire that allows us to evaluate their estimated proficiency in various types of technologies, as well as their expectations and personal goals regarding the upcoming training, within the limits imposed by the selected format. This questionnaire also allows us to anticipate certain connection or internal security issues within the company (intra-company or virtual classroom) that could pose challenges for monitoring and ensuring the smooth running of the training session.

## Teaching Methods

Practical Training: 60% practical, 40% theoretical. Training materials will be distributed in digital format to all participants.

## Organization

The course alternates between theoretical input from the instructor, supported by examples and reflection sessions, and group work.

## Assessment

At the end of the session, a multiple-choice questionnaire is used to verify the correct acquisition

of the skills.

## Certification

A certificate will be issued to each trainee who has completed the entire training program.