

Proxmox VE Backup Server

Course code: PVBS

Proxmox Backup Server is a backup solution designed for backing up and restoring virtual machines (VMs), containers, and physical hosts in a Proxmox VE environment. With support for incremental, fully deduplicated backups, Proxmox Backup Server significantly reduces network traffic and saves valuable storage space. Advanced encryption and data integrity verification mechanisms ensure that your backup data remains secure and reliable. This two-day course will guide you through the basic installation and configuration of storage and networking, as well as the setup of backup and restore jobs.

Who is the course for

- System administrators and IT professionals responsible for managing virtual environments and their backups.
- Server administrators planning to migrate from other backup solutions.

What we teach you

- Understand the core backup concepts of Proxmox Backup Server.
- Install and configure Proxmox Backup Server.
- Perform backup, restore, and data replication operations.
- Manage and maintain backup repositories.

Course outline

- Introduction to Proxmox Backup Server and Proxmox VE
- Proxmox Backup Server architecture
- Installing Proxmox Backup Server
- Working with the Proxmox Backup Server interface (Web GUI and command line)
- Basic configuration and system updates
- Configuring networking for Proxmox Backup Server
- Configuring datastores
- User management
- Using the Proxmox Backup Client
- Integration with Proxmox VE
- Tape backup (LTO)
- Working with remote storage and synchronization
- Backup maintenance (pruning, garbage collection, and verification)
- Network management and traffic control
- Notifications and alerts
- Best practices

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