



PROXMOX DATACENTER MANAGER

OVERVIEW

Proxmox Datacenter Manager is an open-source, centralized solution providing a single pane of glass view for overseeing and managing multiple, independent Proxmox-based environments. It is designed to empower large organizations reduce administrative overhead and achieve operational efficiency across their distributed infrastructure, leading to a lowered Total Cost of Ownership (TCO) for their complex, multi-site deployments. Tight integration with Proxmox Virtual Environment and Backup Server allows you to easily monitor and manage nodes and clusters. Proxmox Datacenter Manager simplifies management without sacrificing the power of flexibility.

CORE ENTERPRISE FUNCTIONALITY

Key features include a centralized overview of all remotes, multi-cluster management for seamless control, and a fast, modern web interface built with Rust/Yew. The powerful management cockpit enables cross-cluster live migration for flexible load balancing and maintenance without complex cluster networking. Key functionality includes general VM & container life-cycle management and resource utilization monitoring across your infrastructure. The tool is engineered for environments where centralized oversight is critical, providing full-stack visibility into resource health. An enterprise-grade solution, Proxmox Datacenter Manager provides the strategic foundation needed to scale infrastructure confidently, while technical teams benefit from streamlined routine tasks and the API-driven design for future automation.

BENEFITS



Simplified Management

Monitor large-scale or multi-site environments from one centralized dashboard.



Enhanced Visibility

Get a holistic view of your entire virtualization landscape with clear, readable KPIs.



Improved Efficiency

Streamline routine tasks and facilitate advanced operations like cross-cluster migrations with an intuitive interface.



Future-Proof Foundation

Built on modern technologies, a comprehensive solution for even the most complex Proxmox deployments.



100% Open-Source

No hidden licensing fee and full access to source code.



Made for Production

Keep your business running smoothly with Enterprise-grade service & technical support from Proxmox.



Key Features

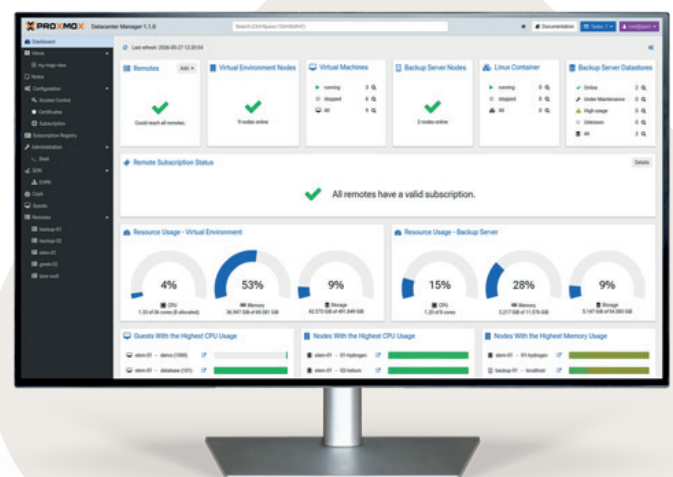
- ✓ **Centralized Overview:** Connect your Proxmox nodes and clusters and gain a real-time, consolidated overview from a single dashboard.
- ✓ **Multi-Cluster Management:** Seamlessly connect to and manage independent Proxmox-based clusters and standalone nodes.
- ✓ **VM & Container Lifecycle Management:** Perform essential operations like starting, stopping, and rebooting virtual guests across your entire infrastructure.
- ✓ **Cross-Cluster Live Migration:** Initiate live migrations of virtual guests between different, independent Proxmox VE clusters – a significant time-saver for load balancing and maintenance.
- ✓ **Resource Utilization Monitoring:** Quickly assess CPU, memory, and storage usage across all nodes and guests and the Proxmox Datacenter Manager host itself.
- ✓ **Modern Web Interface:** Experience a fresh, intuitive, and responsive user interface built upon the all new Proxmox UI framework with the Rust programming language and Yew framework for enhanced performance and usability.
- ✓ **Automated Installation Workflows:** Centrally manage prepared answer file configurations for unattended installations and track installation progress directly in the web interface. **NEW**
- ✓ **Subscription Key Management:** Manage a central pool of subscription keys, assign keys to connected remotes, remove assignments when no longer needed, and optionally include a specific key in a prepared answer file. **NEW**
- ✓ **Unified Ceph Cluster Monitoring:** Monitor connected Ceph clusters from a single panel, including health, capacity, performance, OSDs, monitors, managers, storage pools, CephFS, and cluster flags. **NEW**
- ✓ **API-Driven:** Designed with a robust API for future automation and integration with third-party tools.
- ✓ **Infrastructure Visualization:** Visualize remote locations on a world map and monitor CPU, memory, storage, and Proxmox Datacenter Manager host utilization through new dashboard widgets. **NEW**

System requirements

- ✓ **CPU:** 64-bit (x86-64 or AMD64), 2+ Cores recommended
- ✓ **Memory (RAM):** 2+ GB RAM (more for managing more remotes)
- ✓ **Hard Drive:** 8+ GB of free space
- ✓ **Network:** Dedicated network interface card (NIC)

Use Cases & Deployment Scenarios

- ✓ **Large-scale enterprise deployments:** For organizations planning large-scale, multi-site Proxmox roll-outs, Proxmox Datacenter Manager offers centralized control.
- ✓ **Distributed environments:** Provides benefits for managing isolated Proxmox setups spanning across different clusters, data centers, or locations.
- ✓ **Centralized provisioning and subscription administration:** Standardize unattended installations, manage subscription key assignments, and simplify the rollout of new systems across distributed environments.
- ✓ **Unified infrastructure and workload operations:** Monitor Ceph clusters and resource utilization across connected remotes, locate guests from a unified view, and manage snapshots and common guest actions centrally.



LEARN MORE

Website: www.proxmox.com
Project Page: pdm.proxmox.com
Bugtracker: bugzilla.proxmox.com
Code repository: git.proxmox.com

HOW TO BUY

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HELP AND SUPPORT

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Community Support Forum: forum.proxmox.com

SALES INQUIRIES?

Please contact our team:
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ABOUT PROXMOX

Proxmox Server Solutions GmbH is a software provider dedicated to developing powerful and efficient open-source server solutions. The privately held company is based in Vienna (Europe).

Proxmox Server Solutions GmbH

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