



SUSE Linux Enterprise 12 Service Pack 3 Highlights

SUSE® Linux Enterprise is a world-class, secure open source IT infrastructure offering, built to power physical, virtual and cloud-based mission-critical workloads. It further raises the bar in helping organizations to accelerate innovation, enhance system reliability, meet tough security requirements and adapt to new technologies. Service Pack 3 optimizes your infrastructure with support for the latest hardware environments for ARM System on Chip, Intel, AMD, SAP HANA, IBM z Systems, IBM POWER-based servers and NVM Express over Fabrics.

SUSE Linux Enterprise family at a glance:

■ Products:

- SUSE Linux Enterprise Server for x86-64
- SUSE Linux Enterprise Server for IBM z Systems and LinuxONE
- SUSE Linux Enterprise Server for POWER
- SUSE Linux Enterprise Server for ARM / SUSE Linux Enterprise Server for Raspberry Pi
- SUSE Linux Enterprise High Availability Extension
- Geo Clustering for SUSE Linux Enterprise High Availability Extension
- SUSE Linux Enterprise Server for SAP Applications
- SUSE Linux Enterprise Desktop
- SUSE Linux Enterprise Workstation Extension
- SUSE Linux Enterprise Software Development Kit

Hardware Platforms

Get the most out of your IT infrastructure with new hardware platform support that helps you increase compute density, infrastructure agility, responsiveness, ability to scale workloads and security.

- **Open the doors for broad hardware and virtualization support** with higher compute density, less power consumption and economical hardware using new ARM based SoC systems.
- **Improve infrastructure agility** with support for Intel's newest and most powerful Xeon Processor Scalable family.
- **Increase responsiveness** with added support for the latest AMD EPYC and Ryzen processors.
- **Support data transaction and workload size growth** for very large SAP HANA workloads on IBM Power using extended virtual address space.
- **Optimize workloads and increase data security** for IBM z Systems with SUSE KVM on z and enhanced cryptographic support.

High Availability

Prevent downtime with high availability enhancements including an easy-to-use interface and improved geo clustering support.

- **Improved geo recovery management** with a geo cluster bootstrap kit that simplifies cluster implementation.
- **Increase visibility and improve management of your high availability environment** with an updated graphical user interface.
- **Faster time to value with quick start guides** for the High Availability and Geo Clustering extensions to help you get up and running quickly.

Performance & Security

Make your infrastructure more efficient and secure with faster data access, increased database performance and optimized SAP applications.

- **Improve application performance** with fast local NVMe (Non-Volatile Memory Express) and remote storage

devices with NVMe over Fabrics (NoF). Using NVMe you can fully exploit the benefits of modern solid-state memory technology.

- **Increase database performance** with enhanced NV-DIMM (Non-Volatile Dual In-line Memory Module) block device support.
- **Optimize more SAP applications for performance** with configuration and tuning support for SAP Adaptive Server Enterprise and SAP Business Objects.
- **Expand security capabilities** with updated support for TPM (Trusted Platform Module) 2.0 and expanded key server support for SAP system volumes with KMIP industry standard.

Service Pack 3 images are available for public cloud infrastructures making it easier to offer public cloud services and migrate to public cloud from on-premise environments.

The following products are being launched as part of SUSE Linux Enterprise 12 Service Pack 3:

- [SUSE Linux Enterprise 12 Service Pack 3 \(SLE 12 SP3\)](#)
 - [SLE Server](#)
 - [SLE Desktop](#)
 - [SLE Workstation Extension](#)
- [SUSE Linux Enterprise Server for IBM z Systems and LinuxONE](#)
- [SUSE Linux Enterprise Server for POWER](#)
- [SUSE Linux Enterprise Server for ARM / Raspberry Pi](#)
- [SUSE Linux Enterprise Server for SAP Applications](#)
- [SUSE Linux Enterprise High Availability Extension](#)
 - [GEO Clustering for SUSE Linux Enterprise High Availability Extension](#)
- [SUSE Linux Enterprise Just Enough Operating System \(JeOS\)](#)

For additional information, visit: www.suse.com/products/server



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