Extend the Value of Your SAP Solution with Lenovo and SUSE

Your SAP applications are the foundation of your digital transformation. Without them, you can't achieve the agility, analytics and customer-centered focus necessary to maintain a competitive edge. Whether you're moving to SAP HANA, preparing for S/4HANA or simply expanding your use of SAP, you need the right systems in place. Lenovo and SUSE have invested in joint solutions to help you grow your SAP applications.

Lenovo and SUSE for SAP at a Glance:

Extend the value of your SAP applications with support for platform migration, simplification and consolidation.

+ *Lenovo has shipped more 7,200 SAP HANA systems worldwide.*[1]
+ *SUSE Linux Enterprise Server for SAP Applications is the recommended and supported operating system for SAP HANA.*
+ *SUSE Manager lets you manage multiple Linux distributions.*

■ Products:

SUSE Linux Enterprise Server for SAP Applications
SUSE Linux Enterprise Live Patching
SUSE Manager
Lenovo ThinkSystem SR950
Lenovo ThinkSystem SR850
Lenovo ThinkSystem TDI solution
Lenovo Storage Solution for SAP HANA powered by SUSE Enterprise Storage
Lenovo expert installation services

The SUSE, Lenovo and SAP Partnership

Many organizations claim strong partnerships, but how many use one another's solutions? Both Lenovo and SAP themselves are SUSE customers, and in fact, SAP relies on Lenovo and SUSE in its production and development environments.[2] SUSE® Linux Enterprise Server for SAP Applications is the recommended and supported operating system of choice for SAP HANA and SAP S/4HANA. It currently runs in over 7,000 SAP HANA installations, providing enterprise-level reliability, availability, scalability, manageability and security.
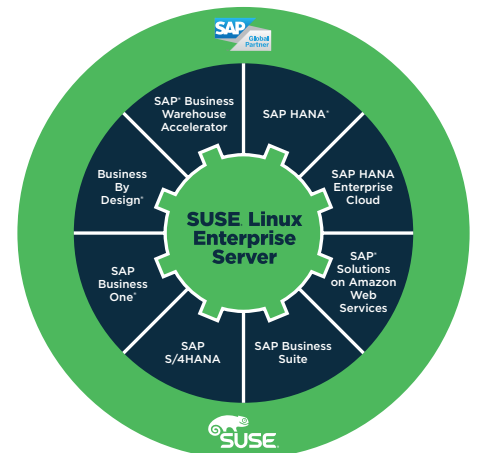
Your Ideal Platform for SAP

Together, SUSE and Lenovo make the ideal platform for SAP applications like SAP HANA. SUSE provides one Linux solution for all SAP applications and constantly

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1 **www3.lenovo.com/us/en/data-center/ solutions/alliances/sap/**
2 *Learn more at:* **www.suse.com/success/ stories/sap-se/** *and* **www.suse.com/ success/stories/lenovo/**
3 *Learn more at:* **www.suse.com/ communities/blog/suse-receives-sap-hana-innovation-award-2017-industry-disruptor/**

SAP HANA® Innovation Award Winner 2017

works with SAP to ensure the best performance, high availability and security for mission-critical SAP systems. In fact, SUSE was named an SAP HANA Innovation Award winner in 2017.[3]

Lenovo ThinkSystem Offerings

The modular design and large memory capacity of the Lenovo ThinkSystem servers make them the most flexible and cost-effective way to run SAP applications, including HANA. The ThinkSystem family puts everything in reach to make service and upgrades easy. Plus you can scale from two to eight CPUs per server. To support scale-out of SAP HANA specifically, Lenovo offers the Tailored Datacenter Integration (TDI) approach as well, which can include software-defined storage powered by SUSE Enterprise Storage™.

- **ThinkSystem SR950** *(4U server)*
- **ThinkSystem SR850** *(2U rack server)*
- **ThinkSystem family for SAP HANA TDI**

SUSE Linux Enterprise Server for SAP Applications

The leading Linux platform for SAP solutions will boost the performance of your mission-critical SAP applications, will reduce downtime with built-in business continuity and can help you easily migrate to S/4HANA.

SUSE Linux Enterprise Server for SAP Applications not only includes 24-hours-a-day, seven-days-a-week priority support. It also offers features that specifically benefit businesses running SAP applications:

- *SAP-certified high-availability extension for creating an integrated clustering solution in physical and virtual Linux deployments*

24x7 Priority Support for SAP

SUSE

Extended Service Pack Support
18-Month Grace Period

Page Cache Management	Installation Wizard	SAP HANA Firewall	SAP HANA Resource

SUSE Linux Enterprise Server	SUSE Linux Enterprise High Availability
	SAP HANA and SAP NetWeaver

SAP specific update channel

- *A built-in SAP HANA firewall and encryption management*
- *The ability to tune page caching to improve performance*
- *SAP application installation wizard to speed start-up times*
- *Resource agents that automate takeover in SAP HANA system replication setups*
- *SAP update channel to ensure that you get the latest patches as quickly as possible*

SUSE also provides additional products, such as SUSE Linux Enterprise Live Patching and SUSE Manager, which make it easier to get the most from your SAP applications.

SUSE Linux Enterprise for SAP applications is the leading platform for SAP applications on Linux.

SUSE Linux Enterprise Live Patching

SUSE Linux Enterprise Live Patching is a smart, subscription-based solution built on an open source technology called kGraft. It builds onto the existing SUSE Linux Enterprise Server kernel infrastructure and uses familiar patch deployment methods.

- **Increase service availability** *by keeping your business running without rebooting for critical security or integrity patches.*
- **Reduce planned downtime** *with unobtrusive kernel patching, so even time-consuming operations can run to completion without being interrupted by urgent updates.*
- **Maintain security and stability** *by applying critical patches right when you need them rather than waiting for the next planned maintenance window.*

SUSE Linux Enterprise Server for SAP applications ＋ SUSE Linux Enterprise Live Patching ＋ SUSE Manager ＋ SUSE Enterprise Storage

Add Live Patching to eliminate downtime
Add SUSE Manager to regain control of IT your assets
Add Storage for SAP HANA data, logs and backups.

SUSE Manager

SUSE Manager is designed to help your DevOps and IT operations teams reduce complexity and regain control of IT assets. It is a best-in-class infrastructure management solution that helps you ensure compliance and optimize operations to reduce costs.

- **Reduce complexity** *by ensuring consistent management of SAP applications in physical, virtual and cloud environments.*
- **Ease management across channels** *by creating and managing development, QA and production channels in one place, so you can move from one system to another with ease.*
- **Simplify compliance** *by auditing the patch status for SAP applications and subsystems. Track configuration changes and make sure all administrators have the right authority for changes.*
- **Slash costs of ownership** *by automating system management tasks for SAP applications and all other subsystems. Leverage a single web-based interface to see the status of all your servers.*

Lenovo Storage Solution for SAP HANA Powered by SUSE Enterprise Storage

Providing the storage that SAP applications such as HANA need doesn't have to be a challenge. SUSE Enterprise Storage redefines how you can architect and deploy SAP application storage. Built on the open source Ceph project, this software-defined storage solution offers block, file and object data access capabilities in a single cluster. You can set up multisite object replication and uninterrupted serviceability, all with a new management framework for simplicity and cost efficiency.

Grow your business with support for your SAP applications:

- **Boost performance with an optimized operating system and hardware.**
- **Reduce downtime with high availability and live kernel patching.**
- **Deploy SAP applications with flexible, cost-effective implementation options.**
- **Manage and scale storage of large data sets with software-defined storage.**

> "By reducing reporting times for our supply chain operations from hours to minutes or even seconds—a cut of around 99 percent—we are now able to send strategic business information across the company fast."

RODRIGO AMPUERO PEIRANO
CIO
Hortifrut

www.suse.com

Lenovo Comprehensive Solution Services and Support

To speed deployment and simplify management of your SAP HANA system, Lenovo offers comprehensive solution services and support, which include:

- *Preplanning, on-site installation and configuration*
- *Ongoing maintenance and system updates*
- *Hands-on skills transfer and detailed post installation training and documentation*

Helping Organizations Worldwide Succeed

Lenovo and SUSE are supporting customers around the globe in their SAP deployments. In Slovenia, Unistar PRO has improved uptime and can now offer new services to customers because of its SAP HANA solution.

Hortifrut of Santiago, Chile, powers its SAP applications—both ERP and HANA—with Lenovo and SUSE. The platform has allowed the company to embrace growth.

And Lenovo itself uses SUSE Manager to manage all its Linux installations—including SUSE Linux Enterprise Server for SAP Applications—complete with automatic patching that has cut the administrator workload by 50 percent.

View more stories at: **https://suse. lookbookhq.com/suse-and-lenovo-on-mission-critical-and-sap-success-stories**

Contact your local SUSE Solutions Provider, or call SUSE at:

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