Work Smarter, Faster and Simpler with SAP HANA on HPE and SUSE

Business competition is fiercer today than ever. To get ahead of the competition, you need to better engage customers and create a digital transformation strategy. But doing all this without complicating IT can be a challenge. SAP HANA offers you the chance to increase your business agility and speed. And implementing SAP HANA with Hewlett Packard Enterprise (HPE) and SUSE can help ensure that you get the flexible, high-performance infrastructure that you need today and in the future.

HPE and SUSE for SAP at a Glance:
Speed and reliability from a partnership recognized for innovation.

+ *SUSE and HPE ProLiant DL560 Gen10 servers took top spots in recent SAP HANA benchmarks.[1]*
+ *HPE received an SAP North America Partner Excellence Award 2017 for SAP HANA Technology Innovation.[2]*
+ *SUSE was named an SAP HANA Innovation Award Winner 2017.[3]*

■ Products:

SUSE Linux Enterprise Server for SAP Applications
SUSE Linux Enterprise Live Patching
SUSE Manager
HPE Superdome Flex Solutions for SAP HANA
HPE ConvergedSystem (500 or 900)
HPE Tailored Datacenter Integration (TDI) solutions
HPE Pointnext Services

The current state of most organizations' IT infrastructure prevents them from accomplishing a true transformation. Data lives in multiple places, leading to duplicate systems and difficult analytics. It's no wonder that it's hard for these organizations to respond to market opportunities quickly.

A digital transformation, including a move to SAP HANA, can help change that. You can build a single source of truth, and underneath it, a consolidated and more stable IT foundation. This makes it easier for IT to power new applications and for your business to pull value from the data you've collected.

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1 **https://h20195.www2.hpe.com/v2/getpdf.aspx/a00035620enw**. *See the most recent SAP performance briefs for SUSE and HPE at:* **https://suse.lookbookhq.com/suse-and-hpe-on-sap-performance-briefs**
2 **www.hpe.com/us/en/integrated-systems/converged-system/sap-hana.html**
3 **www.suse.com/c/suse-receives-sap-hana-innovation-award-2017-industry-disruptor/**

Getting the Most from SAP HANA
To get better business insights from your data, however, you need to work with technology partners with a track record of SAP HANA success. Your system will have to be extremely reliable, easy to manage and backed by consistently available support because it will quickly become the central source of truth vital to your organization.

HPE and SUSE have partnered to deliver SAP HANA solutions that do just that. Together, they offer solutions for SAP HANA that give you better performance and faster deployment—plus real-time data access for insight that lets you respond quickly to business needs and market trends. It all starts with a powerful partnership.

SUSE and HPE: Leaders in Infrastructure that Enhances SAP
HPE and SUSE have a relationship of over 25 years—that's longer than some Linux vendors have been in existence. HPE has

SUSE Linux Enterprise Server is the recommended and supported operating system for SAP HANA and is currently running in more than 7,000 SAP HANA installations, including SAP's own.

named SUSE as its preferred Linux partner, and SUSE Linux is the only operating system embedded on HPE server motherboards as the base for their intelligent-provisioning feature.

Both companies have worked closely with SAP over the years and been recognized by SAP for their innovations. Today, HPE and SUSE are market leaders in solutions that help you get more out of your SAP investment. Forty-six percent of SAP licenses run on HPE systems[4], and HPE servers continue to win benchmarks for SAP HANA performance, such as the lead spot for three phases of the SAP HANA Standard Application Benchmark Version 2.[5]

SUSE is the leading platform for SAP applications on Linux, running in more than 7,000 SAP HANA installations. In fact, SAP itself uses SUSE Linux for its production and development platform.

Minimize the time and effort you spend deploying SAP HANA or other SAP solutions, or migrating to SAP S/4HANA, with HPE and SUSE.

A Smarter, Faster and Simpler Way to SAP HANA

HPE and SUSE solutions allow you to:

- **Enhance performance** *and accelerate time to value.*
- **Significantly speed up deployment** *of SAP HANA—in hours instead of days.*
- **Migrate at your own pace** *and ease management in mixed data centers by adopting enterprise Linux that plays well with Microsoft.*
- **Standardize and consolidate** *systems while reducing costs.*
- **Protect critical business operations** *with built-in business continuity and live kernel patching.*
- **Include clustering** *for geographically dispersed sites with unlimited distance.*

HPE Superdome Flex Solutions for SAP HANA

HPE Superdome Flex Solutions for SAP HANA offer industry-leading performance and modular scalability, mission-critical reliability, and optimum cost-efficiency. Designed with memory-driven computing principles to uniquely handle the scale,

performance and reliability demand of SAP S/4HANA, enabling enterprises of any size to analyze and process massive amounts of data at the digital core in real time.

HPE ConvergedSystem for SAP HANA

HPE ConvergedSystem delivers the architecture you need to quickly deploy next-generation, prevalidated and factory-tested data management platforms in weeks instead of months. ConvergedSystem solutions help you set up IT services in minutes, not hours. These systems are software defined for easy integration into existing infrastructure and quick transitions to hybrid cloud delivery models.

- **HPE ConvergedSystem 500 for SAP HANA** *supports analytics and data warehousing workloads, as well as smaller business application environments. With configurations from 128 GB to 24 TB, these systems offer best-in-class price and performance for SAP HANA.*
- **HPE ConvergedSystem 900 for SAP HANA** *delivers massive capacity and amazing flexibility for your data*

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4 **http://hpe.com/partners/sap**
5 **https://h20195.www2.hpe.com/v2/ getpdf.aspx/a00035620enw**

management requirements—offering a 12 TB single in-memory pool, 2 TB scale-out nodes certified up to 96 TB and scale-up options from 2 TB to 12 TB in 1 TB increments.

HPE Solutions for SAP HANA Tailored Datacenter Integration (TDI)

While HPE ConvergedSystem for SAP HANA offers complete solutions and fast delivery times, HPE SAP HANA TDI offers greater configuration flexibility and choice. Take advantage of the capabilities of HPE ProLiant servers or the Integrity Superdome X and fit them into your existing infrastructure.

SUSE Linux Enterprise Server for SAP Applications

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

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

- *An SAP-certified high-availability extension for creating an integrated clustering solution in physical and virtual Linux deployments*
- *A built-in SAP HANA system firewall*
- *The ability to manage memory page caching to protect the performance of SAP applications*
- *An SAP application installation wizard to speed start-up times*

Resource agents that automate takeover in SAP HANA system replication setups

A separate update channel for patches related to SAP-specific operating system features

SUSE solutions integrate with Active Directory and support single sign-on, so your administrators can use their existing Microsoft credentials to access your SUSE Linux systems. 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.
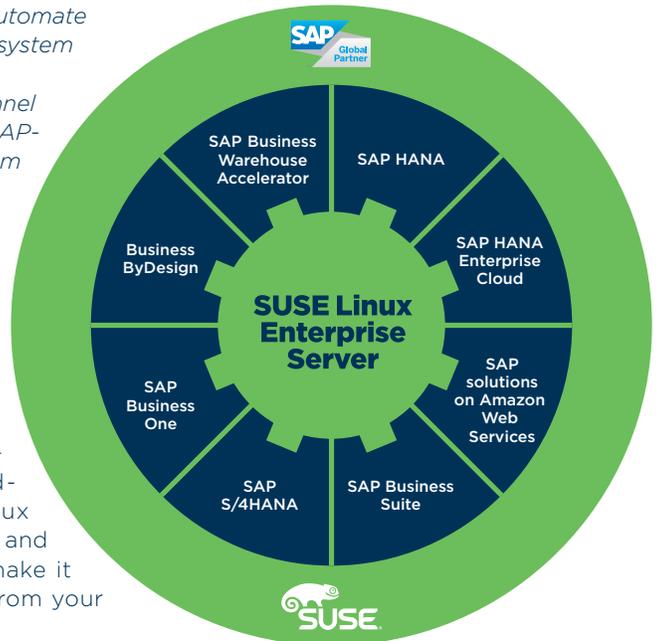
SUSE Linux Enterprise Live Patching

SUSE Linux Enterprise Live Patching is an open source solution that delivers live kernel patching for critical updates without the need to reboot.

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

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.

With the SUSE Manager Management Pack for Microsoft System Center Operations Manager, you can even manage all of your Microsoft and Linux systems from one console—removing headaches and improving administrators' productivity as you transition to Linux or operate your mixed data center.

- **Reduce complexity** *by ensuring consistent management of SAP applications in physical and virtual environments.*
- **Ease management across channels** *by creating and managing development,*

With SAP HANA on an HPE ConvergedSystem 500 and SUSE Linux, India water storage company Vectus Industries improved operational efficiency by 60 percent and reduced unplanned downtime from 24 hours per month to zero. Read more here.

www.suse.com

SUSE Linux Enterprise Server for SAP applications

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SUSE Linux Enterprise Live Patching

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SUSE Manager

Add Live Patching to eliminate downtime

Add SUSE Manager to regain control of your IT assets

quality assurance and production channels in one place.

- **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. Leverage a single web-based interface to see the status of all your servers.

HPE Pointnext Services

HPE's range of consulting services can help you meet your specific needs, reduce risks and empower your IT organization to own and manage your SAP HANA environment. The global team of 25,000 experts can offer advice, strategies and technical support throughout your digital transformation.

Supporting SAP Solutions Worldwide

HPE and SUSE are empowering enterprises across the globe to better deploy and use SAP solutions. In fact, more SAP customers run their SAP HANA infrastructures on HPE and SUSE than on any other hardware/operating system combination. By doing so, Danish window manufacturer VELUX Group has seen 20 to 60 percent faster reporting. SAP HANA on HPE hardware running SUSE Linux helped El Ezaby, an Egyptian pharmaceutical company, reduce polling report transaction times from several hours to just 10 minutes.

View more success stories at: **https://suse.lookbookhq.com/suse-hpe-on-sap-success-stories/**

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

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