



The Right Cloud Platform for SAP HANA

As you contemplate your digital transformation, you're probably also considering what SAP's move to SAP S/4HANA means for you. You need a way to support your business, stay agile and move to the Linux foundation that will support SAP HANA and your other SAP applications in the future. Luckily, you can do all of that at the same time by choosing SUSE and Microsoft Azure. SUSE and Microsoft offer jointly engineered solutions built to support SAP HANA and provide you the foundation you need for digital transformation today and tomorrow.

SUSE and Microsoft Azure for SAP at a Glance:

Combine the hybrid and hyperscale cloud platform for SAP HANA and the recommended operating system for SAP HANA.

- + Built-in high-availability features
- + Scalability and support for massive HANA workloads
- + The Linux operating system SAP uses for development, test and deployment
- + Integrated, enterprise-level support

Products:

- Microsoft Azure
- SAP on Azure
- SUSE Linux Enterprise Server for SAP Applications

Embrace the power of the cloud to drive your digital transformation. With SUSE and Microsoft Azure solutions, you can keep your business agile and benefit from a hybrid, hyperscale cloud for SAP HANA. Whether you take advantage of the flexibility to run a cost-effective development and testing environment or trust in the solution's reliability for your disaster recovery or production environment, you'll get what you need to support SAP HANA.

The SUSE and Microsoft Azure Partnership

SUSE and Microsoft have been working together for over a decade and share more than 1,000 customers. Both companies work closely with SAP and are dedicated to their customers' success with SAP applications.

SUSE and SAP are both headquartered in Germany and share a long history of joint engineering. That's why 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. SUSE was named an SAP HANA Innovation Award winner in 2017!

Microsoft has had a technology agreement with SAP since 1993. The two companies rely on one other's software. Microsoft has more than 100,000 users on its SAP systems. Microsoft and SAP expanded their partnership in 2016 when SAP chose Microsoft Azure as the platform for SAP SuccessFactors.²

Boost Agility with SAP on SUSE and Microsoft Azure

You can quickly deploy SUSE Linux Enterprise Server for SAP Applications to support your SAP applications on Azure and pay as you go, allowing you to circumvent the long lead times, upfront investments

- 1 www.suse.com/communities/blog/suse-receives-sap-hana-innovation-award-2017-industry-disruptor/
- 2 <https://news.microsoft.com/2016/10/18/microsoft-announces-saps-choice-of-azure-to-help-enterprises-transform-hr/#sm.000017pos72p00f2fq849uaxai80l>

and hardware management that comes with on-premises deployments. Gain flexibility, react more quickly to business demands and scale up or down as needed.

The speed of deployment on Azure is perfect for development and test environments, while the wealth of deployment options will enable you to tailor and test a right-sized, scalable platform for high-performing production SAP workloads. Here's a closer look at those deployment options and the pieces that make up this solution.

SAP HANA on Azure Virtual Machines

SAP HANA is certified to run on Azure virtual machines³. That makes it simple to order an Azure virtual machine and SUSE Linux Enterprise Server for SAP Applications from the Azure marketplace and put SAP HANA to work quickly. Microsoft Azure is a cloud built for the enterprise and is trusted by 90 percent of Fortune 500 companies.⁴

“Analysts get access to more data sources, without searching in many different places. And managers get the right data to make the right decisions at the right time, avoiding delays.”

BRAD HUGGINS

Manager, Innovation Group,
Technical Development Team
Tate & Lyle

Azure operates on a worldwide network of Microsoft-managed data centers across 36 regions (with plans for six more regions recently announced).⁵ This fast-growing global footprint gives you lots of options for running SAP applications and ensuring their performance. Microsoft's compliance policies also enable you to protect your intellectual property with the [Azure IP Advantage](#) and adhere to complex regional regulations such as the European Union's General Data Protection Regulation and other requirements. Learn more at the [Microsoft Trust Center](#).

Azure easily integrates with your existing IT environment through a large network of secure private connections, hybrid database and storage solutions, and data residency and encryption features. Plus, Microsoft Azure and connectivity to Office 365 and Power BI enable you to combine SAP HANA with the data sources and visualization tools you need for powerful insights. For example, you can easily tap into Microsoft Excel, a leading data source for SAP environments.

SAP HANA on Azure Large Instances

Azure Large Instances are purpose-built cloud infrastructure that offer a high-capacity, high-performance and highly

³ <https://docs.microsoft.com/en-us/azure/virtual-machines/workloads/sap/sap-certifications>

⁴ <https://azure.microsoft.com/en-us/overview/what-is-azure/>

⁵ <https://azure.microsoft.com/en-us/regions/>

economic foundation for SAP HANA. You get the convenience of Azure on infrastructure specifically designed to support HANA. Azure Large Instances offer service level agreements of 99.99 percent availability.

SAP HANA on Azure Large Instances is a unique solution to Azure. SUSE engineering collaboration helps deliver a validated offering for the most demanding environments based on the physical HANA Tailored Datacenter Integration (TDI) setup. This SAP TDI certified, purpose-built setup supports HANA scenarios that can scale out to 60 TB or scale up to 20 TB, with a variety of sizes in between to enable a solution that is right-sized for your environment.

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 help you ease your migration to SAP S/4HANA.

With SUSE and Microsoft Azure for SAP, you can:

- React to business demands by scaling up or down.
- Gain peace of mind by working with industry leaders.
- Control costs by only paying for what you use.

24x7 Priority Support for SAP

Extended Service Pack Support

18-Month Grace Period

Page Cache
Management

Antivirus
ClamSAP

SAP HANA
Security

Simplified
Operations
Management

High Availability
SAP Netweaver & SAP HANA

SAP HANA
HA Resource
Agent

Installation
Wizard

Reliable, Scalable and Secure Operating System
SUSE Linux Enterprise Server

24x7 Priority Support for SAP

SUSE Linux Enterprise Server for SAP Applications not only includes 24x7 priority support, it also offers features that specifically benefit businesses running SAP applications:

- *SAP-certified high-availability extension for creating an integrated clustering solution*
- *A built-in SAP HANA firewall and encryption management*
- *The ability to tune page caching to improve performance*
- *An SAP application installation wizard to speed startup times*
- *Resource agents that automate takeover in SAP HANA system replication setups*

- *An SAP update channel to ensure you get the latest patches as quickly as possible*

The SUSE and Microsoft solution also allows you to bring your own subscription of SUSE Linux Enterprise Server for SAP Applications or additional SUSE products. Add SUSE Linux Enterprise Live Patching, which can help reduce planned downtime, or SUSE Manager, which can help you manage your Linux installation, to your solution easily.

The Foundation for Your SAP Future

Together, Microsoft and SUSE offer a powerful, hyperscale cloud platform for SAP applications. As you move to SAP S/4HANA, pick the infrastructure that will give you all the benefits of the cloud with the enterprise support and reliability your SAP applications require.

Learn More

Learn more about how SUSE and Microsoft Azure provide the best platform for your SAP HANA deployment at: www.suse.com/promo/cloud/public/azure/sap-hana/

**“Choosing the SUSE solutions gives us a low-risk,
future-proof platform on which we can take
ABeam Consulting to the next level of success.”**

TOMOKI HATAKEYAMA

*Executive Officer, Principal, Process & Technology Business Unit
ABeam Consulting*

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