



Power Your Transformation with SAP HANA on SUSE and Microsoft Azure

SAP applications are a crucial part of your digital transformation, but with SAP's move to SAP S/4HANA, they can also present a challenge. Luckily, they don't have to. SUSE and Microsoft offer jointly engineered solutions built to support SAP HANA and drive your organization forward today, and tomorrow.

SUSE® Linux for SAP and Microsoft Azure at a Glance:

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

- + Built-in high-availability features
- + Custom-built infrastructure Integrated, for the largest SAP HANA workloads
- + The Linux operating system that SAP uses for development, testing and deployment
- + Integrated, enterprise-level support

Products:

- Microsoft Azure
- SAP on Azure
- SUSE Linux Enterprise Server for SAP Applications
- Azure Infrastructure Deployment Templates for SAP

The SUSE, Microsoft and SAP 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.

SUSE and SAP share a 20-year long history of joint engineering. That's why SUSE Linux Enterprise Server for SAP Applications is the preferred operating system for SAP HANA and SAP S/4HANA. In fact, SUSE is the platform SAP uses in their own engineering environment. In addition, SUSE Linux Enterprise Server for SAP Applications currently runs in over 7,000 SAP HANA installations.¹

Microsoft has also had a technology agreement with SAP since 1993, and the companies expanded their partnership in 2016 when SAP chose Microsoft Azure as the platform for SAP Success Factors.² Microsoft has continued to co-engineer with SAP to bring large scale Microsoft

Azure Virtual machines to market with SUSE being a key platform.³

The Right Cloud for SAP HANA

With SUSE and Microsoft Azure solutions, you can keep your business agile and benefit from a powerful, 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. Here's a closer look at the components and options available to you.

- 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>
- ³ <https://azure.microsoft.com/en-us/blog/offering-the-largest-scale-and-broadest-choice-for-sap-hana-in-the-cloud/>

“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

www.suse.com

SAP HANA on Azure Virtual Machines

SAP HANA is certified to run on Azure virtual machines.⁴ 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 95 percent of Fortune 500 companies.⁵ Microsoft operates on a worldwide network of Microsoft-managed data centers across 54 regions and 140 countries.⁶ This extensive global footprint gives you many options for running SAP applications and ensuring their compliance and performance. Plus, Microsoft Azure and connectivity to Microsoft Office 365 and Microsoft Power BI make it easier to combine SAP HANA with the data sources and visualization tools that jointly offer you powerful insights.

SAP HANA on Azure Large Instances

Azure Large Instances is purpose-built cloud infrastructure that offers a high-capacity, high-performance and highly economic foundation for SAP HANA. You get the convenience of Azure Microsoft infrastructure that has been specifically

designed to support the most demanding SAP HANA environments.

SAP HANA on Azure Large Instances is a SUSE validated offering based on the physical HANA Tailored Datacenter Integration setup. This SAP TDI certified, purpose-built setup supports HANA scenarios that can scale out to 60 TB or scale up to 20 TB. Also, with various sizes in between, the right sized solution is available for your environment.

SUSE Linux Enterprise Server for SAP Applications

SUSE Linux Enterprise Server for SAP Applications is a secure, open source server operating system built to power mission-critical workloads. As the number-one Linux platform for SAP applications, it helps increase agility and reduce costs by:

- *Delivering high availability with resource agents that continually monitor the SAP HANA system and provide automatic failover operations when needed*
- *Ensuring business continuity with integrated clustering for physical and virtual Linux systems*
- *Providing robust security through kernel hardening and a built-in SAP HANA firewall*

- *Balancing memory demands to optimize SAP performance with page cache limit and tuning options*
- *Speeding SAP HANA deployment with an SAP on Azure deployment template⁷*
- *Decreasing costs up to 64% through 1-year and 3-year **Azure Reservations***

The SUSE and Microsoft solution also allows you to bring your own subscription of SUSE products. With bring your own subscription, you can 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.

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/

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

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

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

7 <https://azuremarketplace.microsoft.com/en-us/marketplace/apps/suse.suse-sap-infra?tab=Overview>