



Speed Time to Value for SAP HANA and Other Landscapes with Nutanix Enterprise Cloud

KEY BENEFITS

Run SAP applications and critical databases, including SAP HANA, on a single enterprise cloud platform and benefit from:

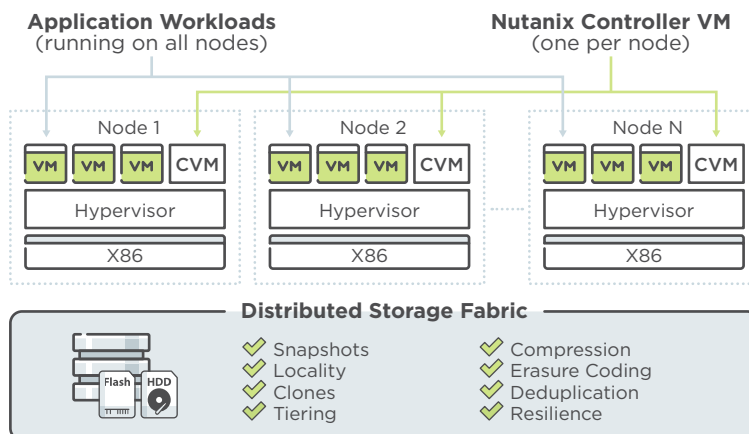
- **Higher performance and scalability:** Start small and scale business applications, databases, and infrastructure a node at a time as needs grow, enabling rapid application provisioning and software as a service — without the challenges of traditional infrastructure.
- **Improved availability:** Keep SAP application servers and databases protected and running with VM-centric high-availability options, snapshot-based data protection with easy-to-restore backups and affordable, simple disaster recovery including sync options that span from 1 hour to minutes to real-time.
- **Faster time to value and reduced operational complexity:** Get up and running in a fraction of the time it takes with traditional server, SAN, network infrastructure and reduce overhead using simple, yet powerful management and APIs, and unprecedented performance insight.
- **Deploy with confidence:** Nutanix Enterprise Cloud Platform is a certified solution for SAP HANA and Classic landscapes, the first hyperconverged infrastructure to be certified for SAP HANA and NetWeaver. Additionally, customers get a seamless support experience from SAP and Nutanix.

SAP landscapes are ideal candidates for virtualization and migration to the Nutanix Enterprise Cloud due to the wide-ranging benefits you can realize. With the ability to efficiently and confidently handle the demands of the intelligent enterprise, so you can rapidly deploy and adapt to changing performance and data growth needs, gain insights into the whole infrastructure environment in one consolidated location for easier troubleshooting, and simplify day-2 operations, you can focus on applications and innovating to meet business needs. However, the move to virtualization requires the right compute and storage architecture to satisfy the needs of SAP HANA and other Classic (NetWeaver-based) deployments — without compromising performance or availability service levels for application, reporting, and database servers, and while remaining simple to deploy, manage, and scale.

POWER OF HYPERCONVERGENCE AND ENTERPRISE CLOUD OS SOFTWARE

Whether upgrading existing infrastructure or deploying new environments, the Nutanix Enterprise Cloud Platform delivers the simplicity, agility and fractional IT consumption benefits of public cloud, with the control and security needed in the enterprise datacenter. Nutanix's Enterprise Cloud OS software leverages the industry's most popular hyperconverged technology to deliver an ideal solution for virtualized SAP and associated database deployments. It provides the ability to:

- Consolidate all SAP applications, and SAP HANA and other RDBMS databases, and VMs onto a single, hyperconverged platform with excellent performance that is typical of deployments with local database storage;
- Remove the complexity and reduce the costs of traditional storage, without giving up the availability, scalability, and manageability of shared architectures;
- Eliminate planned downtime and protect against unplanned issues for continuous availability of critical applications and databases; and
- Keep pace with rapidly changing business needs, without the upfront investments or disruptive fork list upgrades of traditional approaches.



PERFORMANCE WITH SIMPLICITY

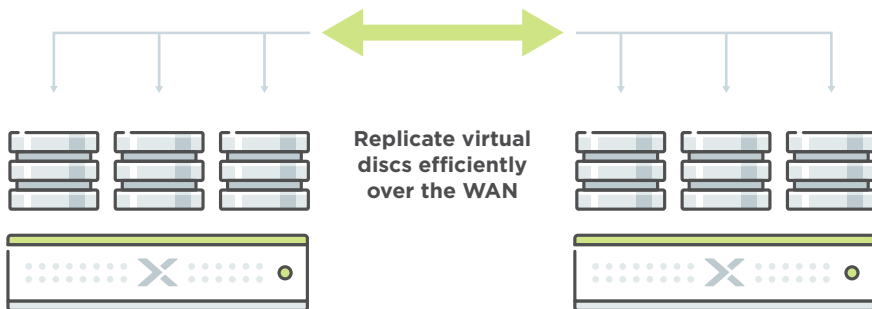
Nutanix brings the benefits and economics of web-scale technologies to enterprise workloads including SAP, through its Nutanix Enterprise Cloud OS. This 100% software-defined approach works with VMware vSphere, Microsoft Hyper-V, and Nutanix's built-in AHV hypervisor, for SAP Classic landscapes, and with Nutanix AHV for SAP HANA landscapes. It takes less than a day to deploy; and delivers low-latency performance for any virtualized SAP application workload. There is no need to deal with the complexity of managing separate storage systems, including the burdensome tasks of provisioning LUNs, storage networking, and data placement in storage. You are able to realize the simplified management, fractional consumption, rapid innovation and agility to adapt to new needs you find in the public cloud in a platform that provides the control of being on-premises. With Nutanix Calm, your enterprise cloud capabilities extend to additional deployment automation and workload delivery options, including the hybrid cloud for when that becomes part of your plan.

For high performance, the Nutanix platform serves active data associated with local application and databases VMs from local SSD and NVMe drives and intelligently tiers colder data across remote SSDs, local HDDs, and remote HDDs. This strategy eliminates performance related overprovisioning with the right combination of high random read/write I/O and sequential. Additional optimization is done via features such as thin provisioning, deduplication, and compression, increasing the effective capacity to accommodate larger amounts of active data.

Simplify how you run SAP with a single infrastructure platform for SAP HANA and NetWeaver landscapes. Nutanix AHV is certified to run production SAP HANA deployments.

Growing an environment with the patented Nutanix architecture is as simple as adding additional nodes to the existing system. This process takes just minutes and results in linear scaling of performance and capacity without any downtime or complex management.

Nutanix Prism also simplifies management by delivering infrastructure and VM information for one or multiple systems at a glance, including resource utilization and correlated VM/storage performance, planning and additional insights.



DEPLOY WITH CONFIDENCE

Deploy in production with confidence knowing that Nutanix is a certified and fully supported solution for SAP HANA and Netweaver and other SAP landscapes. Nutanix is the first hyperconverged infrastructure certified for SAP HANA and NetWeaver landscapes. Nutanix and SAP have a collaborative technical support agreement that gives our joint customers a seamless support experience, from setup to operations to optimizing the application stack. For further information and updated support information, please refer to www.nutanix.com/sap.



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Partner for Success

Nutanix is committed to your success. In addition to delivering the industry's leading hyperconverged infrastructure as recognized by IDC and [Gartner](#), Nutanix offers a wide range of services, including assessment and design, application deployment, and optimizing operations, as well as custom services tailored to your needs.

Contact your Nutanix representative or authorized reseller for more information and continue the conversation on the Nutanix Next online community (next.nutanix.com).

For more information on SAP on Nutanix:

Read the [best practices guides for SAP HANA](#) and for [SAP NetWeaver](#), as well as the solution note detailing [virtualizing SAP on Nutanix](#).

See SAP on Nutanix in action through [3 demos highlighted in this blog](#)

www.nutanix.com/sap

SAP HANA Production Availability
Lenovo and other Nutanix partners are working to certify their respective Skylake-based hardware platforms to run SAP HANA with Nutanix Enterprise Cloud OS software with AHV. Once complete, Nutanix expects production solutions for SAP HANA to be generally available later in the year through these partners. SAP NetWeaver® landscapes currently can run on AHV, VMware vSphere, and Microsoft Hyper-V.

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