

# Speed Time to Value for SAP Solutions with Nutanix and HPE

SAP HANA and NetWeaver Certified on HPE ProLiant DX with Nutanix software



## KEY BENEFITS

Run all SAP applications and databases, including SAP HANA, on a single platform to achieve:

### Higher Performance and Scalability

Start small and scale business applications, databases, and infrastructure as needs grow, enabling rapid application provisioning and software-as-a-service.

### Superior Availability

Keep SAP application servers and databases protected and running with native high-availability, non-disruptive upgrades, support for SAP tools like HSR, snapshot-based data protection, and simple, affordable DR options.

### Faster Time to Value

Get up and running in a fraction of the time it takes with traditional infrastructure and reduce overhead using simple, yet powerful management tools providing unprecedented operational insight.

SAP software is critical to the success of the world's enterprises. Up to 75% of all transactions worldwide pass through an SAP system. SAP created its latest generation S/4HANA ERP software to address the needs of today's digital businesses. Most organizations are either exploring their options or planning to move to S/4HANA.

This transition creates significant infrastructure challenges that can have negative impacts on all your SAP stakeholders, including Basis Administrators, developers, IT architects, business units, and infrastructure teams. Maintaining silos of infrastructure for classic NetWeaver and SAP® HANA® landscapes—built on traditional architecture with discrete servers, networks, and storage—significantly complicates your environment, increasing time, effort, and costs and adding risk.

The public cloud is often seen as a solution to these problems, but it can create new challenges in terms of cost, migration complexity, latency, and control. IT teams are looking for the best of both worlds and the ability to leverage both. What if you could get the speed, fractional consumption, and simplified infrastructure management of public cloud with on-premises control and reduced cost and be equipped to move to a hybrid cloud model when you're ready? HPE and Nutanix provides a single hyperconverged infrastructure-based (HCI) platform that delivers exceptional SAP performance, while enabling private and hybrid cloud deployments for both S/4HANA and interim ECC refreshes.

## ACCELERATE YOUR SAP JOURNEY

As leader providers of HCI, private cloud, and hybrid cloud solutions, HPE and Nutanix put your company on a path to greater SAP success. Nutanix was the first HCI vendor certified to run both SAP NetWeaver and SAP HANA landscapes and HPE is the world's leading SAP hardware provider.<sup>1</sup> As you plan your path to S/4HANA, HPE and Nutanix provides a public cloud experience from your datacenter or colo. A [recent IDC report](#) found that Nutanix software delivers:

- **Faster time to value.** Deploy infrastructure 10x faster with up to 82% less staff time required.
- **Increased business agility.** Achieve up to 19% greater developer productivity, and develop apps 27% faster.

<sup>1</sup> [www.hpe.com/us/en/alliance/sap.html](http://www.hpe.com/us/en/alliance/sap.html)

### More Confident Deployments

HPE ProLiant DX with Nutanix software is certified for SAP HANA and NetWeaver landscapes, and you benefit from a seamless support experience from SAP, HPE and Nutanix.

### Infrastructure and Virtualization Support

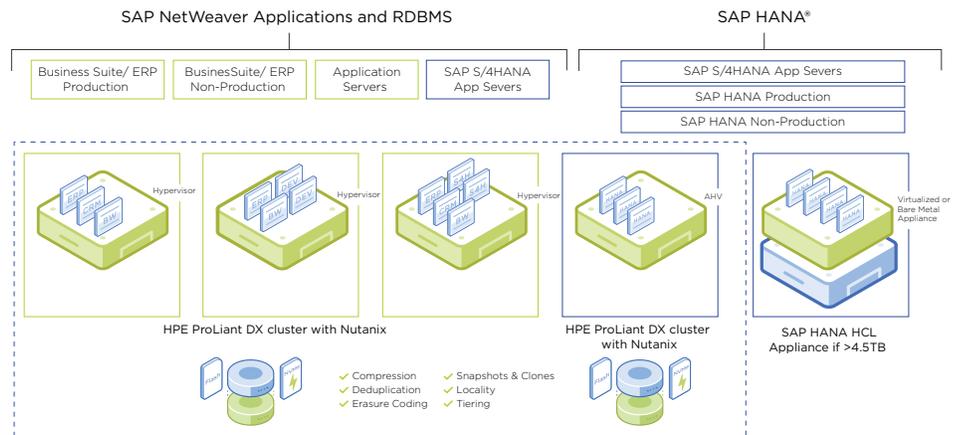
SAP NetWeaver® landscapes currently run on AHV, VMware vSphere, and Microsoft Hyper-V on all supported hardware platforms. For the latest supported platforms, see the SAP HCI certification list [here](#).

### A Partner for Your Success

HPE and Nutanix are committed to your success. In addition to delivering the industry's leading HCI platform as recognized by [Gartner](#), [Forrester](#), and IDC, HPE and 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 or HPE representative or authorized reseller for more information and continue the conversation on the Nutanix Next online community ([next.nutanix.com](http://next.nutanix.com)).

- **Maximum availability and security.** Slash unplanned downtime by 85%, backup 72% more frequently, facilitate disaster recovery, and ensure security.
- **Greater operational efficiency.** Manage everything from a single interface with 58% greater efficiency while reducing IT support up to 91% and slashing TCO by 62%.
- **Simpler path to hybrid cloud.** Extend SAP operations to public cloud without losing control, visibility, or access to enterprise capabilities.



## HPE AND NUTANIX HCI: A FLEXIBLE FOUNDATION FOR SAP

HPE ProLiant DX is powered by the industry's leading HCI software from Nutanix. Built on a web-scale architecture, HPE and Nutanix HCI deliver any SAP application at any scale, while giving you the freedom to choose the best hardware configuration and virtualization software to address current IT realities, business needs, and SAP requirements. Nutanix AHV hypervisor is integrated, built on proven technology, and included free with purchase.

HPE with Nutanix solutions are designed to deliver application performance without the constant tuning of traditional infrastructure. SAP landscapes benefit immediately from better performance, simpler migrations, and rich analytics.

**Application and data security.** Application-centric security—including micro-segmentation, data-at-rest encryption, and automated compliance checks—protect against internal and external threats and help you comply with regulatory mandates.

**Advanced data management.** Software-defined storage is an integral part of the HPE and Nutanix platform, so you can securely store vast amounts of SAP data in block, object, or file format according to your needs.

**Backup and disaster recovery.** HPE with Nutanix provides native backup and disaster recovery, ensuring that valuable data and critical workloads are always protected and quickly recoverable. Flexible replication options address a broad range of needs. HPE with Nutanix also works with native capabilities like SAP BackInt and HANA System Replication (HSR). Partnerships with leading backup vendors including Veeam, HYCU, Commvault, Veritas, and others ensure your data protection needs can be met.

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## FOR MORE INFORMATION

- [www.nutanix.com/hpe](http://www.nutanix.com/hpe)
- [www.nutanix.com/sap](http://www.nutanix.com/sap)
- [SAP S/4HANA Resource Center](#)
- [Best Practices Guide: SAP HANA on Nutanix](#)
- [The Definitive Guide to SAP on Nutanix](#)
- See three [SAP-on-Nutanix demos in this blog](#)

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## INTELLIGENT IT OPERATIONS AND ADVANCED AUTOMATION

HPE and Nutanix software streamlines management activities across the infrastructure lifecycle. Intelligent, one-click operations take the pain and effort out of daily tasks, including installs, upgrades, and workload placement.

- Identify and eliminate inefficiencies such as under-utilized resources, overprovisioned VMs, and other hidden cost sinks
- [Greater operational efficiency](#). Manage everything from a single interface with 58% greater efficiency while reducing IT support up to 91% and slashing TCO by 62%.
- [Simpler path to hybrid cloud](#). Extend SAP operations to public cloud without losing control, visibility, or access to enterprise capabilities.

HPE and Nutanix improves the efficiency of your IT operations by adding meaningful automation, IT-as-a-Service (ITaaS), and easy integration with development pipelines.

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## STREAMLINE HYBRID CLOUD OPERATIONS

Many companies want to move some SAP operations into the public and hosted cloud—for example to support a short-term project or a new geography. Nutanix software allows you to extend workloads beyond your on-prem cloud without losing control, visibility, or capabilities. And Nutanix provides data-driven insights that make it easier to choose the right location and infrastructure for each application based on expected costs, operational policies, and SLAs.

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## DEPLOY WITH CONFIDENCE

Nutanix is the first HCI software certified for SAP HANA and NetWeaver landscapes and HPE is the world's leading SAP hardware provider. Deploy SAP in production with confidence, with a fully supported solution. A collaborative technical support agreement between SAP, HPE and Nutanix ensures joint customers receive seamless support—from setup to operations to optimizing the application stack.

For further information and updated support information, please refer to [www.nutanix.com/sap](http://www.nutanix.com/sap) and [www.nutanix.com/hpe](http://www.nutanix.com/hpe).



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