



Nutanix HCI: A Flexible Foundation For SAP

Certified and Fully Supported

SIMPLIFIED DATABASE OPERATIONS

SAP software is critical to the success of the world's enterprises. Up to 75 percent of all transactions worldwide pass through an SAP system. SAP created its latest generation S/4HANA ERP (enterprise resource planning) software to address the needs of today's digital businesses. Most organizations are either exploring their SAP system options or actively planning to move to S/4HANA, which runs on SAP HANA database architecture.

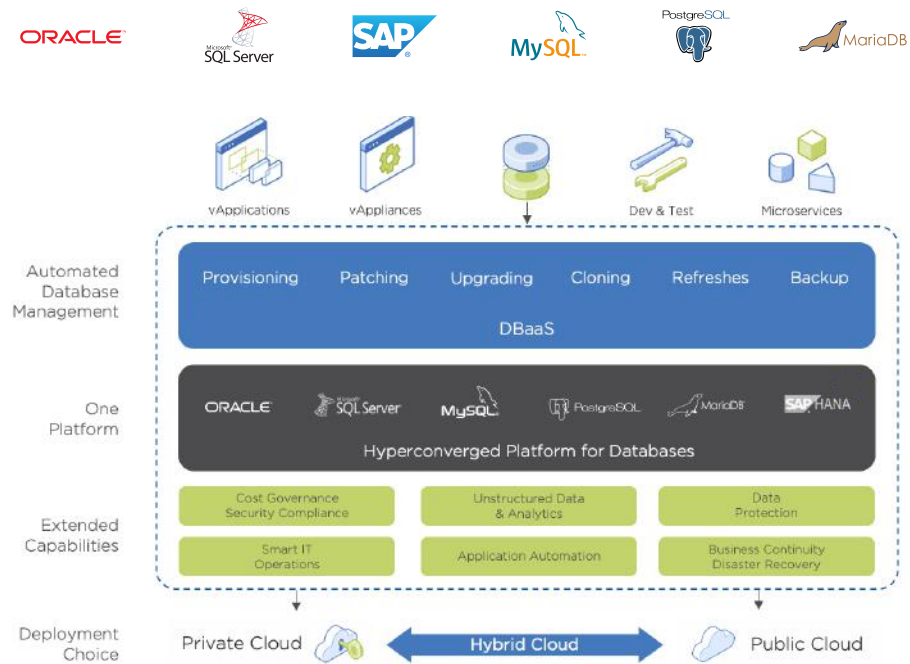
This transition creates significant infrastructure challenges that can have negative impacts on all your SAP stakeholders, including Basis Administrators, developers, IT architects, business units, and Infrastructure teams. Maintaining silos of infrastructure for classic and SAP HANA landscapes—built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

SAP HANA is an in-memory database that provides new functionality to SAP applications and enables business transformation through real-time analytics and transaction processing. Running complex queries in memory greatly improves performance, making SAP HANA ideal for analyzing and transforming data on the fly. SAP HANA is fully supported on the Nutanix platform and on our certified OEM partners HPE, Dell, Lenovo, and Fujitsu.

A NEW ERA IN DATABASE MANAGEMENT

The public cloud is often seen as a solution to enterprise transitions, but it can also create new challenges in terms of cost, migration complexity, latency, and control. IT teams are looking to combine the best of both public and private clouds—the speed, fractional consumption, and simplified infrastructure management of public cloud and the on-premises control and reduced cost of private cloud—with the ability to move to a hybrid cloud model when they are ready. Nutanix provides a single hyperconverged infrastructure (HCI) platform that delivers exceptional SAP performance while enabling private and hybrid cloud deployments for both S/4HANA and interim ERP Central Component (ECC) refreshes.

Customers around the world have simplified their database life cycle management by standardizing processes using database-specific Nutanix best practices and controlling operations through the single control plane provided by Nutanix Era. Across first-day operations such as provisioning and second-day operations such as patching, backup and restore, and copy data management, Nutanix Era increases availability, improves efficiency, and reduces time-consuming, error-prone manual operations. With Era 2.0 onward, we support SAP HANA in-memory databases, allowing our SAP customers to take advantage of many of the same capabilities for their life cycle management.



Nutanix hybrid cloud platform for databases

ACCELERATE YOUR SAP LIFE CYCLE JOURNEY WITH ERA

Most of the frequent system refreshes or copies in SAP take place in nonproduction landscapes used for sandboxes, training, and multiple development environments for ongoing projects. Nutanix Era provides a relatively risk-free automated workflow for customers to copy their SAP HANA database into nonproduction landscapes without worrying about manual copy and postcopy tasks, supplying a consistent and protected environment for all SAP sandbox and development needs every time. Database copying tasks for your nonproduction environment can be reduced to hours instead of days or weeks.

RESOURCES AND GETTING STARTED

- [SAP on Nutanix](#)
- [Nutanix Era](#)
- [Nutanix Era User Guide](#)
- [Nutanix Era Specifications and Limitations](#)

The one-click simplicity and invisible operations that Nutanix Era brings to database provisioning and life-cycle management add on to the resilience and flexibility that Nutanix already provides for your SAP applications today, such as performance and scalability, superior availability, flexible OEM options, and full stack application support for solutions to complement your SAP environment.

DEPLOY WITH CONFIDENCE

Nutanix is the first HCI platform certified for SAP HANA and NetWeaver landscapes. Deploy SAP in production with confidence, using a fully supported solution. A collaborative technical support agreement between SAP and Nutanix ensures that joint customers receive seamless assistance—from setup to operations to optimizing the application stack.



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