Improve performance to access critical data and support modern apps

Achieve unmatched predictability, growth and clarity

High reliability and more control—Reduce unplanned downtime by 97%[1], and achieve stronger control over data compliance, performance, and security with NCP.

Faster provisioning and scalability— Speed database provisioning and scaling to support rapid software development with NDB.

Better economics—HPE GreenLake platform's flexible pay-per-use model offers more simplicity and greater financial clarity.

Unified management—Customers save costs and increase operational efficiency by automating IT tasks with a single control plane streamlines database management and IT processes.

- Reduce unplanned downtime up to 97%[2]
- 53% more efficient IT management from a unified control plane that streamlines database management[3]
- Approximate 75% reduction in database management costs

Most applications require a database to support them. The growing number of applications in an organization's ecosystem causes even more management complexity and concerns about the performance, security, and reliability of the supporting databases. Database admins and developers alike face complex and time-consuming requirements for database cloning, lengthy wait times for resource access, and backup and recovery that take many hours without a modern database platform.

HPE GreenLake with Nutanix for Databases offers the database scalability, performance, high availability, cost visibility, and cloud experience on-premises that organizations need to run modern applications. Our integrated offering allows customers to easily stand up and maintain their database operations through optimized infrastructure. They can streamline their development and testing environments and easily scale up app servers to meet new user needs. Automated database management allows customers to boost efficiency for administrators, and they can leverage a flexible service-and consumption-based model to better meet their organizations' unique requirements.

Modernize and consolidate critical apps

Whether an organization's main goal is to modernize database operations, consolidate databases to prevent sprawl, accelerate internal development cycles, or improve critical application performance, HPE GreenLake with Nutanix for Databases simplifies database deployment and management, making these processes straightforward and user-friendly—and more cost-effective and flexible than the leading public clouds. Combining the advanced HCI and powerful management capabilities of the Nutanix Cloud Platform (NCP), the streamlined, scalable approach of Nutanix Database Service (NDB), and the cost control and transparency of HPE GreenLake, HPE GreenLake with Nutanix for Databases offers a comprehensive, turnkey solution for organizations that want to improve database management and better support the mission-critical database applications that power their businesses.

A streamlined and scalable approach that aligns with business requirements

Organizations need to improve performance and reliability to keep up with expectations. HPE and Nutanix offer a unified cloud platform and faster speed and better agility for database operations.

Nutanix Cloud Platform (NCP)

- **Modernize with ease—**Accelerate app deployment and scaling with HCI, and easily bring the cloud to your apps and data.

- **More choice—**HPE and Nutanix offer comprehensive support for a range of database platforms in the modern enterprise, spanning Microsoft SQL Server, Oracle, MySQL, MongoDB, and PostgreSQL.

- **Unified management—**With unified storage, database, and desktop services, customers benefit from a unified control plane that streamlines database management and leads to 53% more efficient IT management.

- **Built-in, robust security—**Security is embedded at the lowest level throughout our integrated portfolio. This provides stronger protection for mission-critical apps and databases from ransomware attacks that often begin with virtually undetectable rootkit insertions.

Nutanix Database Service (NDB)

- **Increase DBA efficiency—**Customers can reduce the time and resources associated with provisioning, backup, cloning, and disaster recovery for enterprise database platforms such as Oracle, My SQL, SQL Server, MongoDB, and PostgreSQL.

- **Faster DB deployment—**Developers can easily provision, clone, and refresh databases directly from development environments with Kubernetes integration to accelerate app delivery.

- **Automate DB management—**DBAs can manage their database environments from a single console, with highly automated functions for deploying, patching, expanding, and protecting their most valuable assets.

HPE GreenLake

- **Cloud-smart experience—**Customers can choose between on–premises or a colocation facility of their choice, to gain optimized control over data compliance, performance, and security.

- **Optimize operational costs—**HPE GreenLake platform's flexible, pay-per-use model offers simplicity and financial clarity compared to traditional cloud services.

- **Simplify IT—**HPE GreenLake supports and can operate the solution for customers, empowering their teams to focus on other business-critical tasks.

Simplify deployment, management and optimization

Tap into the capabilities of the modern cloud and experience cloud transition supports efficient and cost-effective IT.

- **Optimized storage at lower costs—**NDB can deliver an approximate 75% reduction in data management costs due, in part, to decreased storage requirements for copies and backups This can mean significant cost savings for enterprise IT organizations, as it often reduces Oracle licensing costs.

- **More choice—**DBaaS competitors like AWS often limit customer choice of database version, which leads to refactoring and heavier IT lift. NDB allows customers to choose their database and operating system versions.

- **Greater flexibility and ease of management—**Getting databases into the public cloud is traditionally very difficult, so most data stays on-premises or at leading HPE GreenLake colocation partners' facilities. We deliver a cloud experience, but keep data on-premises to address latency, sovereignty, and performance requirements. We also support all the leading enterprise databases, which simplifies management for DBAs.

- **Developers can scale quickly—**HPE GreenLake with Nutanix for Databases allows developers to stand up resources quickly for agile development and testing. Customers can start small and scale up, achieving consistent performance for all databases on the Nutanix solution.

- **Database as a service is a core differentiator—**Our as-a-service approach saves IT teams and database administrators valuable time on provisioning and maintenance through consolidation and unified management.

Learn more at our HPE and Nutanix Alliance site and HPE GreenLake site

https://www.nutanix.com/hpe

hpe.com/greenlake

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