

# Unlock the value of your databases

## HPE GreenLake for Nutanix Database Service



**HPE GreenLake enhances the cloud experience**—self-serve, pay-per-use, highly scalable and managed for you. It enables you to free up capital, boost operational and financial flexibility, and empower talent to accelerate business outcomes.

**Nutanix Database Service simplifies database management**—It is the only hybrid multicloud DBaaS for Microsoft SQL Server, Oracle® Database, PostgreSQL, MySQL, and MongoDB. Efficiently manage hundreds to thousands of databases. Simplify development and operations without sacrificing control or flexibility.

### Help optimize your solution with database services

Hewlett Packard Enterprise offers a range of database-specific services that assist with systems and database operations, management, maintenance, and planning. Optional services include database and application analysis, planning, migration, implementation, and project management.

If your organization is like most enterprises, your high-performance databases are supported by traditional infrastructure. This means that discrete compute, storage, and network resources within your data center are carrying different parts of the overall workload to support database operations. You're also likely managing database operations manually, scrambling to keep up with database upgrades and patching, responding to developer requests for new databases, and other administrative tasks.

You might think that this is just the way databases are managed, but think again. The reality is that siloed data center operations and manual database administration create major challenges for your IT and database administrator (DBA) teams.

Fifty percent of respondents list keeping IT infrastructure up to date as a top challenge due to operational complexity.<sup>1</sup> Managing segregated workloads results in

burdensome manual processes that can expose your database to costly human error. In fact, almost one-third (30.8%) of the IT service and data center operators surveyed had experienced an IT service outage with significant impact in the past three years.<sup>2</sup>

Meanwhile, DBAs are overburdened with routine administrative tasks, leaving little time for higher value activities like optimizing database performance and delivering new database features.

In addition to high maintenance costs, increased security risk, and overtaxed IT and DBA teams, siloed operations on traditional infrastructure result in slow provisioning, inflexibility, poor quality insights, and expensive workarounds for disaster recovery. To make matters worse, your growing business is demanding faster performance, more agility and reduced costs. Traditional infrastructure and database management simply don't measure up.

<sup>1</sup> The 2020 State of IT: The Annual Report on IT Budgets and Tech Trends, Spiceworks, Inc.

<sup>2</sup> Uptime Institute, Annual Outage Analysis 2021, April, 2021

## Solution brief

### Pay-per-use flexibility

Consuming IT on-premises or in the colocation facility of your choice lets you retain proper control, gain agility from elastic infrastructure, reduce IT costs, quickly leverage technology innovations, and simplify IT and database operations.

### Reduce unplanned downtime up to

# 85%<sup>3</sup>

### Control and automation

With Nutanix Database Service benefit from database automation without sacrificing control of database servers, retaining the flexibility to choose the right operating systems, versions, and database extensions to meet application and compliance requirements.

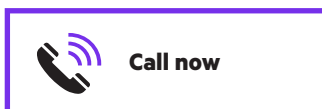
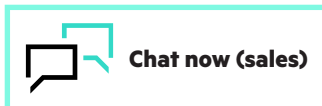
### Grows ahead of your need

The HPE GreenLake Platform's advanced usage metering ensures you always have extra capacity on hand, ready to deploy.

For more information on HPE with Nutanix, go to [nutanix.com/hpe](https://nutanix.com/hpe).

<sup>3</sup> The Business Value of HPE GreenLake Management Services, IDC White Paper, sponsored by HPE, January 2020

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## Hybrid cloud database management from HPE and Nutanix

Alleviating many of these frustrations, **HPE GreenLake for Nutanix Database Service** delivers simplified database operations on-premises, billed monthly based on metered consumption, and with peace of mind from a built-in capacity buffer that is available on demand.

### HPE GreenLake for Nutanix Database Service makes database management easy

Whether your primary goal is to modernize your database operations, consolidate your databases to prevent sprawl, offer private cloud-based DBaaS, accelerate internal development cycles, or improve critical application performance, Nutanix Database Service simplifies operations for all your Microsoft SQL Server, Oracle Database, PostgreSQL, MySQL, and MongoDB databases.

Based on your choice of HPE reference technology, consolidate your segregated workloads into a single, simplified management platform that lets you provision, clone, patch, refresh, and back up your database in just a few minutes.

- **Easy provisioning:** Rapidly deploy standalone, HA and DR enabled databases across multiple Nutanix clusters and locations in minutes instead of hours or days.

- **Seamless cloning:** Copy and refresh databases with point-in-time snapshots to multiple clusters for separate production and non-production environments while saving storage space.
- **Simple backup and in-place restores:** Backup and restore databases in minutes with near zero data loss for SQL Server, Oracle, PostgreSQL, MySQL, and MongoDB.
- **Database lifecycle management:** Manage the entire database lifecycle, from database provisioning and scaling to version upgrades, patch automation, and much more.

### Benefits of HPE GreenLake for Nutanix Database Service

#### Better economics

A flexible pay-per-use model that offers simplicity and financial clarity.

#### On-premises or colocation facility of your choice

Optimized control over data compliance, performance, and security.

#### Managed for you

HPE supports and can operate the solution for you to empower team members to focus on business value add business value.

### Learn more at [hpe.com/greenlake](https://hpe.com/greenlake)

Explore **HPE GreenLake**



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