HPE GreenLake for Databases

Cloud experience with on-premises data and application control

Workload-optimized, infrastructure-as-a-service solution for business-critical databases providing high performance and availability with a pay-per-use model

The challenge

As business initiatives evolve, companies are adopting an IT strategy that includes cloud to achieve modern benefits of agility, flexibility, and consumption-based usage. According to IDC, "…organizations expect to run IT across multiple IT environments." This includes 67% on-premises either as cloud or non-cloud.[1] This is especially true for business- or mission-critical database environments. The challenge customers face in moving these workloads to a cloud environment includes the need for consistent workload performance, maintaining control of the data, and lack of cloud system expertise.

The solution

HPE GreenLake for Databases is a workload-optimized, infrastructure-as-a-service solution that offers customers a faster time to value with a turnkey cloud experience on-premises. The solutions, in presized configurations, have been developed to deliver levels of availability, performance, functionality, and cost, to meet a range of needs.

The solution combines optimal infrastructure elements needed to run the specific database environment as either self-managed infrastructure or as a fully managed HPE GreenLake cloud service.

Hewlett Packard Enterprise produces valuable data storage solutions for SQL Server and the other databases including Oracle®, EDB Postgres, PostgreSQL, MySQL, IBM DB2, SAP® MaxDB® or Sybase IQ. This solution stands out from the competition with unmatched availability, performance, and choice. Specifically, HPE storage solutions for databases deliver guaranteed availability[2] on HPE Alletra 6000 all-NVMe storage along with performance-optimized compute platforms based on HPE ProLiant servers.

The solution has been updated with new competitive pricing, three size-optimized Bill of Materials, and the incorporation of the Database Platform Automation tool which simplifies database lifecycle management, for select databases.

Database Platform Automation tool

The Database Platform Automation (DPA) tool introduces the ability to automate the deployment and configuration of the database environments. It improves quality of service, increases business agility with orchestrated workflows, and reduces overall time to benefits. The DPA tool currently supports Microsoft SQL Server, Oracle and PostgreSQL.

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[1] Results of the Enterprise Infrastructure Workloads Survey, IDC, August 2021

[2] HPE Get 6-Nines Guarantee

The benefits

HPE GreenLake for Databases provides benefits for the widest range of customers and uses, from departmental deployments in midsized enterprises up to the largest most mission-critical enterprise environments. You'll get the familiar benefits of HPE storage and HPE server platforms in a consumption based pay-per-use model.

As an HPE GreenLake cloud service the value expands to include:

- Cost savings from flexible, consumption-based model with simplified units of measure for billing

- Risk reduction from a validated full stack solution right-sized for your database today

- Business agility by leveraging scalable pay-per-use architecture with cloud-based administration

- Ongoing control of data and applications as your database environment remains on-premises and under your direct control

- Specific benefits of HPE storage including AI-driven predictive analytics to speed troubleshooting and enable uptime for business databases including guaranteed data availability
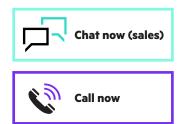
Get started

HPE GreenLake for Databases is available today in prebuilt configurations to serve a range of organizational sizes and application requirements. It provides superior uninterrupted operations for mission-critical environments while delivering cost savings from the ability of only having to pay for the infrastructure you need, as you use it, with on-demand scalability as needs change.

Learn more at
hpe.com/greenlake/database-platform

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