



## **Build VMs on demand across hybrid cloud—HPE GreenLake for Private Cloud Business Edition**

**Go faster with self-service agility. Learn about HPE GreenLake for Private Cloud Business Edition, the service specifically designed for building VMs across hybrid cloud, on demand.**

The complexity of today's IT brings many challenges. IT organizations may deal with mixed workloads, virtual machines (VMs), multiple data centers, public, private, and hybrid clouds, and applications with complex dependencies. That's a long list of challenges. The reality is, while most of these workloads are not in the public cloud today, public cloud use is accelerating.

When speaking with customers, we often hear that deploying and operating enterprise workloads across these varied environments can be a time-consuming, error-prone, and manual process, which is both inefficient and costly. Layering apps that are cloud-native by design alongside the existing enterprise set adds even more complexity and risk. The preference today is toward an agile and automated cloud experience.

## The ubiquitous cloud

The market size for cloud solutions, including hyperconverged infrastructure (HCI), is quite large. According to IDC, Worldwide Dedicated Cloud Hardware, HCI appliances are forecast to grow from ~\$18 billion in 2020 to \$33 billion by 2025 at 11.9% CAGR. What's more, the total cost of ownership, product configurations for various deployments, and ease of management and implementation are top criteria for on-premises cloud.<sup>1</sup>

As CIOs and IT managers shift from a cloud-first to a cloud-everywhere strategy, they're seeking to bring the cloud operational experience and as-a-service delivery to on-premises, co-located, and edge environments with flexibility to leverage the power of hybrid cloud. Organizations with virtualized environments of all sizes seek to simplify operations with a cloud operational experience and they also need to speed time-to-market for their business. But challenges remain across these environments including security, cost, data control, and complexity management.

## Introducing HPE GreenLake for Private Cloud Business Edition

In response to growing customer demand for these services, Hewlett Packard Enterprise is expanding the cloud experience by combining self-managed private cloud and hybrid cloud VM management for greater agility in private cloud solutions. With HPE GreenLake for Private Cloud Business Edition, you can build your self-service hybrid cloud on demand where you need it—in your data center, across colocation sites, at the edge, or in the cloud. HPE GreenLake for Private Cloud Business Edition delivers VMs on demand with cloud-based management and self-service agility.

It helps eliminate complexity with a unified cloud service for VM to infrastructure management, including Amazon Elastic Compute Cloud (EC2) instances. And it's flexibly consumed, which means you only pay for what you use.\*

Simply put, HPE GreenLake for Private Cloud Business Edition accelerates your hybrid cloud environment with self-service agility everywhere. As part of the broader HPE GreenLake edge-to-cloud platform, this new private cloud solution helps customers modernize their businesses.

\* May be subject to minimums or reserve capacity may apply

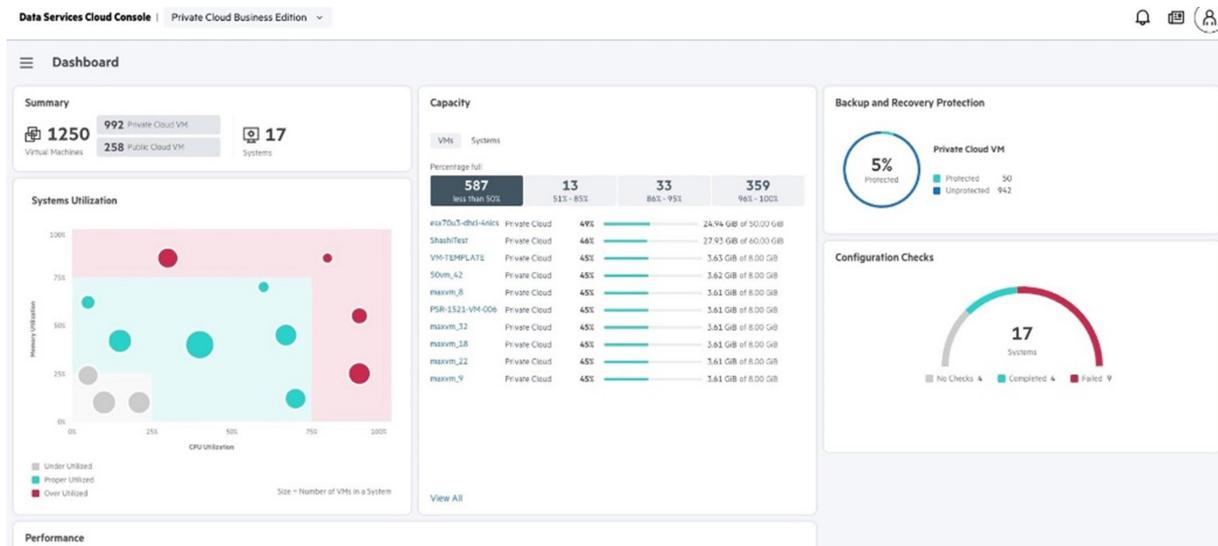
<sup>1</sup> Dedicated Cloud Infrastructure (DCI) Market Update and Forecast, 2021–2025, IDC, December 2021



Here are some of the benefits and capabilities.

**One-stop management:** From a single console for managing VMs and infrastructure, including Amazon EC2 instances, HPE GreenLake for Private Cloud Business Edition simplifies management of your virtualized workloads. Agile self-service is enabled to give you control. Automated provisioning of VMs and applications works from within the HPE GreenLake control plane.

Figure 1 provides a view of HPE GreenLake management console within Data Services Cloud Console.



**Figure 1.** Data Services Cloud Console available on HPE GreenLake

**Faster time-to-value:** Software as a service (SaaS)-based cloud management streamlines operations via blueprints to accelerate on-premises and edge deployments. The solution abstracts the control and management plane from the underlying infrastructure to the HPE GreenLake platform. Multitenant, multicluster, and multisite aware, it provides simple cloud-managed infrastructure. This means you have everything you need at your fingertips to globally deploy, manage, upgrade, and optimize your VMs and infrastructure.

**Self-service, self-managed experience:** Shift from owning data infrastructure to simply accessing and utilizing it without high up-front costs, flexibly consuming services on demand. Easily and quickly get the private cloud resources you need with a workload-optimized, as-a-service solution delivered to you. Customers gain a simplified, self-service experience with rapid attribute-based quoting and ordering based on the VM resources needed. While some VM-based managed services are not suitable for all needs, HPE GreenLake for Private Cloud Business Edition is a standardized offer and enables self-service via automation to simplify operations and transform faster while maintaining control of your data on-premises.

**Get time back with automation:** Industry-leading AI-managed, self-service resources solve Day 2 and beyond issues faster. Plus, 86% of issues are resolved automatically, giving your team time to focus on business.<sup>2</sup> Automation extends to the public cloud with provisioning to Amazon EC2 instances.

**Built for business-critical apps:** The solution is highly resilient, with 99.9999% data availability guaranteed and leading performance for on-premises workloads.<sup>3</sup> The subscription service leverages HPE compute, networking, and storage innovations with modern hypervisors and automation to support large-scale mixed virtual machine workloads. It's ideal for business-critical apps that must be always on and always fast. And it meets business-critical and general-purpose app requirements for privacy, data location, and compliance.

**Harness hybrid cloud data protection and VM mobility:** To help with business continuity and managing risk, the service goes beyond resiliency with extra VM-centric data protection, rapid restore, and VM mobility for disaster recovery. Seamless data mobility helps ensure your hybrid cloud is protected.

<sup>2,3</sup> [HPE storage substantiation](#)



## Learn more at

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