



## **Transform your private cloud with HPE GreenLake Flex Solution built for VMware Cloud Foundation**

Unify, simplify, and scale your IT environment with our modern, agile platform for innovation.

### **The compelling need for modernization**

IT must deliver modern apps and help businesses stay responsive to market needs while remaining agile enough to scale on demand and operate across any cloud—private, public, hybrid, or edge. Moreover, IT must drive sustainable transformation in a hybrid environment. CIOs continue to balance competing priorities as they advance their organizations' modernization efforts while fully leveraging their existing investments. They must contend with difficult-to-manage on-premises and cloud workloads and increasing complexity (all while trying to maintain security, compliance, and resilience), and they must achieve comprehensive visibility into their environment. It's a tall order for any company—one that often demands more IT investment, money, time, and resources. However, the HPE GreenLake Flex Solution built for VMware Cloud Foundation™ (VCF) co-engineered solution powerfully and effectively solves these challenges. This solution gives companies a much needed flexible operating model for on-demand scaling without the risks of unpredictable costs or unplanned downtimes.

VMware Cloud Foundation is a unified, private-cloud platform with integrated, enterprise-class compute, storage, networking, management, and security, resulting in an increased productivity and lower TCO.

## Why the HPE GreenLake Flex Solution built for VCF co-engineered solution

Organizations need to innovate, reduce IT complexity, and accelerate their journey to the cloud without overhauling their entire IT infrastructure. HPE GreenLake Flex Solution built for VCF provides all the capabilities organizations need to modernize and manage their VMware® software environments.

VMware Cloud Foundation provides a flexible and simplified private cloud platform that integrates leading products including VMware vSphere® (compute), VMware vSAN™ (storage), and VMware NSX (networking) all managed through automation and orchestration deeply embedded in the platform and delivered as a single solution. With automated infrastructure and intelligent operations, organizations can optimize performance, lower costs and reduce operational overhead while accelerating innovation with a self-service IaaS platform that delivers a modern cloud interface to run VMs, containers and AI workloads. With built-in security and resiliency, IT departments can safeguard the business, ensure business continuity, and free up teams to focus on innovation instead of addressing security threats.

HPE's differentiated technologies and services when combined and integrated with VCF as a co-engineered solution can truly deliver a unified and simplified private cloud experience to our customers. Pivot from build-your-own piece part assembly to an integrated, turnkey, out-of-the-box cloud experience with our flex solution for VCF.

Your organization can keep the benefits of tight integration offered by the financial consumption model of the cloud and a self-managed, service provider managed, or HPE Services managed co-engineered solution.

### Ease of management

We bring the best of the HPE and VMware software together to deliver a single, fully integrated private cloud solution that organizations can use to easily manage their infrastructure resources by themselves or through their managed service provider.

With HPE GreenLake Flex Solution built for VCF, you can confidently deploy, operate, and lifecycle manage your HPE ProLiant server instances and optional HPE Alletra Storage MP B10000 external storage with predetermined options that effectively adapt to your requirements. HPE also supports hybrid observability and capacity management for standardized bare-metal cloud infrastructure. Benefits of this flex solution include leveraging existing operational skills, utilizing your own control plane/management toolset, and complying with the strictest regulations (disconnected environments).

Benefits of our co-engineered solution include:

- **A secure private cloud platform.** The choice of optimized HPE infrastructure modules with VCF private cloud platform featuring built-in, multi-layered hardware security and an ecosystem of intrinsic security features across the entire stack makes it easier for companies to modernize applications, better manage their data and workloads, and even build their own virtualized private cloud. The platform supports VCF-enabled virtualized and containerized workloads while providing a flexible grow-as-you-go consumption model.<sup>1</sup>
- **A grow-as-you-go consumption model.** The HPE GreenLake cloud enables easy access to billing and consumption analytics so businesses can dynamically provision and compose resources on demand to better manage VCF workloads. This frees IT teams to focus on high-value strategic projects while advancing their organizations' progress without increasing energy consumption.

<sup>1</sup> May be subject to minimums or reserve capacity may apply.



## Create future-ready infrastructure with HPE GreenLake Flex Solution built for VMware Cloud Foundation

HPE and VMware by Broadcom have partnered for more than 20 years to co-develop and co-innovate industry-leading solutions that accelerate digital transformation for companies:



**A proven partnership:** Selling more than 500,000 VMware licenses in the last five years, HPE is the global leader in server virtualization solutions based on VMware technology.



**A thriving ecosystem:** HPE and Broadcom share one of the largest joint channel partner communities.



**Innovating with ease:** HPE cloud and data center innovations are delivered as turnkey co-engineered solutions with VCF.



**Unrivaled experience:** The combined expertise of HPE and Broadcom delivers the industry's most complete portfolio of integrated private cloud solutions and services.

We help the world's leading organizations make their infrastructure affordable, sustainable, and future ready—all while reducing costs and increasing agility. If your organization is ready to modernize, our joint solution offers everything you need to simplify the path to hybrid cloud.

### References

HPE GreenLake Flex Solutions

[hpe.com/us/en/hpe-greenlake-flex-solutions.html](https://hpe.com/us/en/hpe-greenlake-flex-solutions.html)

Optimize, modernize, and simplify your virtualization strategy

[hpe.com/us/en/solutions/virtualization.html](https://hpe.com/us/en/solutions/virtualization.html)



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