

MODERNIZE ON-PREMISES APPLICATIONS WITH A CONTAINER PLATFORM DELIVERED AS A SERVICE

Speed application transformation and development, while reducing complexity and optimizing costs with HPE GreenLake



HPE GreenLake brings the cloud experience—self-serve, pay-per-use, scale up and down and managed for you—to apps and data everywhere, colocations, and data centers. It enables you to free up capital, boost operational and financial flexibility, and free up talent to accelerate what's next for you.

As the name suggests, a container is a virtual operating configuration that packages all the executables—binary code, libraries, configuration files—that an IT team requires to run microservices and applications.

Today, having agile processes around application development and deployment is crucial for business success. Enterprises are increasingly looking to containers to enable their developers to rapidly and easily build and deploy applications that support new business opportunities while expanding existing business.

While it is relatively straightforward to deploy cloud-native applications in containers, the vast majority of enterprise applications are still non-cloud-native, with monolithic architecture and persistent data storage.

To address this, HPE provides an enterprise-scale container platform that supports both cloud-native and non-cloud-native monolithic applications with persistent storage, delivered as a service with [HPE GreenLake](#). This makes it possible to run containerized applications with 100% Kubernetes in your edge locations, colocations and data centers.

With HPE GreenLake, you can consume container services in a pay-per-use model, enabling you to get started quickly, scale up or down as needed, and pay only for what you use. This avoids high upfront expenditures and costly overprovisioning. And since the container platform is managed for you, your developers and IT staff are freed up to focus on your business.

And IT can help eliminate the complexity associated with portability and siloed environments by running containers across on-premises, public cloud.

Achieve all the benefits of containers in your own environment—cost efficiencies, agility, speed, and reduced complexity—once associated only with the public cloud.

“Adoption of containers technology is growing and growing fast, which should come as no surprise given the benefits associated with container use.”¹

– Natalya Yezhkova, Research Vice President, Infrastructure Systems, Platforms, and Technologies at IDC.



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COST-EFFECTIVELY SPEED APPLICATION TRANSFORMATION

Implement a state-of-the-art, enterprise-grade, pre-integrated container platform with HPE GreenLake. Powered by the HPE Ezmeral Container Platform, it supports cloud-native and non-cloud-native apps, using 100% open source Kubernetes and a unique data fabric for persistent container storage. The service enables organizations to build containers in their own environments while only paying for the infrastructure they actually use.

Unified platform for cloud-native and non-cloud-native apps

Fast, easy deployment, management, and monitoring of Kubernetes clusters with out-of-the-box configuration of networking, load balancing, and storage

Persistent storage for stateful apps

Scale-out, persistent storage without copying data locally

Enterprise-grade security and control

Integrations into enterprise security and authentication services with support for high availability, fault tolerance, and resiliency for mission-critical enterprise applications

Pay-per-use, scalable solution

Elastic capacity and transparent monthly billing based on metered usage

Fully managed service in your colocation, or data center

Expertise to manage the entire container platform, monitor capacity, and meter usage

GET THE BENEFITS OF HPE GREENLAKE

Reduce complexity

Speed deployment with a pre-integrated solution and simplify management of Kubernetes clusters across environments with a unified control plane.

Lower risk

Protect your business with automatic integrations with enterprise security and authentication services for mission-critical applications.

Improve flexibility

Simplify management with a unified platform for orchestration of cloud-native and non-cloud-native applications.

Control costs

Avoid up-front costs, and pay only for the infrastructure and services consumed, with elastic capacity to support business demand. Gain complete transparency of costs and usage with [HPE GreenLake Central](#), a self-service platform that centralizes operations and insights across your hybrid environment.

Simplify IT

Offload the heavy lifting of managing your container infrastructure with HPE GreenLake for installation, implementation, maintenance, and management.

Speed time to market

Get a complete container platform solution delivered in as little as 14 days.

Get started on your container strategy today.

LEARN MORE AT
hpe.com/greenlake

¹ [idc.com/getdoc.jsp?containerId=prUS45365719](https://www.idc.com/getdoc.jsp?containerId=prUS45365719)

² The Total Economic Impact™ Of HPE GreenLake, a commissioned study conducted by Forrester Consulting, June 2020

³ IDC white paper, sponsored by HPE, The Business Value of HPE GreenLake Management Services, January 2020