

HPE 
GreenLake

The cloud that comes to you

HPE GreenLake edge-to-cloud platform

Get started >



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Orchestrating a complex IT estate can be daunting

As organizations attempt to strike a balance between keeping IT services on-premises and moving to the public cloud, a logical middle ground has emerged—the hybrid cloud. This cloud model combines public and private cloud into one cohesive environment, allowing you to take advantage of pay-per-use pricing, the scalability and flexibility of cloud computing, and the security of dedicated hardware. Flexera reports that eighty-two percent of enterprises are taking a hybrid approach, combining the use of both public and private clouds.¹

Yet, a hybrid cloud environment can create complexity and operational friction that can slow down your digital transformation efforts. Security, managing cloud spend, and governance rank as top three cloud challenges for organizations.² Besides, unrealized agility, complex IT operations, and the inability to control risks can hold back your hybrid cloud strategy.

The HPE GreenLake platform allows you to break through these challenges by delivering cloud services at your edge, colocation facilities, and data center, and a single, integrated software platform—HPE GreenLake—to control and operate your entire hybrid environment.

What does hybrid cloud done right look like?

1. A consistent cloud experience for managing all apps and workloads
2. On-demand access to resources and insights for high-velocity innovation
3. Visibility, compliance, and control across the IT estate



^{1, 2} Flexera 2021 State of the Cloud Report



Three reasons to choose the HPE GreenLake platform

1

Get the cloud experience everywhere: Bring the point-and-click, self-service, and on-demand cloud experience; resource elasticity; and a pay-per-use model to your on-premises IT.

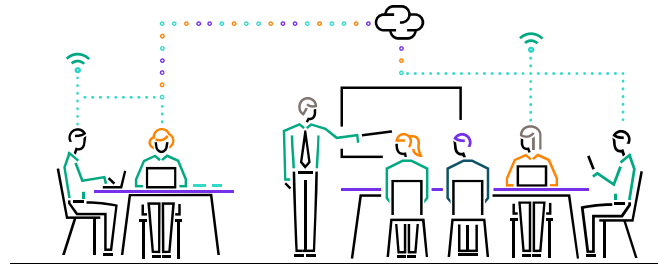
2

Unify your hybrid experience: Integrate the experience across your hybrid environment—private and multiple clouds—transforming IT operations to cloud operations.

3

Gain superior control and insight: Enhance governance, control, and visibility with comprehensive compliance capabilities, along with cost insights and analytics to help optimize costs.

HPE GreenLake platform: The cloud that comes to you



The HPE GreenLake platform brings the cloud experience to your apps and data, wherever they reside, by providing a robust as-a-service portfolio that drives flexibility and speed to market. It helps you rapidly deploy a broad portfolio of cloud services such as machine learning operations (ML Ops), containers, storage, compute, virtual machines (VMs), data protection, and more—with no up-front cost. What's more, the HPE GreenLake platform can help you gain cost and compliance insights and simplify management across your hybrid cloud platform.

Sophisticated metering enables accurate and transparent pay-per-use billing that scales up and down with usage. And with 24x7 monitoring and management, the HPE GreenLake platform takes on the heavy lifting associated with managing your infrastructure.

Tying everything together is the unifying self-service platform, which centralizes operations and insights across your hybrid estate. Gain visibility into costs and capacity, create custom showback reports, and protect your business with robust compliance monitoring.

Simply point-and-click to get a single integrated view into the operational status, cost, and capacity of your cloud services. Speed the pace of business by leveraging intuitive workflows to quickly define and deploy the resources needed to deploy code faster.

The HPE GreenLake platform provides a consistent cloud experience across your environments. Operations are highly automated and cloud-native, which means you do not need expensive training and skills for each platform.



HPE GreenLake: One platform to run, manage, and enhance your hybrid estate

The HPE GreenLake platform gives you the visibility you need to manage and optimize your workloads. Monitor performance, plan capacity, provision new infrastructure, and enable compliance—all from one centralized dashboard. With HPE GreenLake, you get:

1 Unified portal for your entire IT estate

2 Intuitive consumption analytics

3 Plan for future capacity needs

4 Deploy and manage your HPE GreenLake cloud services

5 Mitigate risk with managed IT compliance

Manage your apps and data through a single, unified portal all through a single, unified portal

- Move faster with a self-service cloud experience: Everything you need to provision, manage, and optimize your HPE GreenLake cloud services is at your fingertips.
- Get the right information with role-based access: HPE GreenLake automatically serves up the capabilities and insights you need for your role, so you can quickly and easily get on with your business.
- Gain quick insights with an overview of all key performance indicators (KPIs): Keep a pulse on your business with quick answers to your top questions around costs, resource utilization, compliance, operations, and more.



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Gain visibility into usage and costs across your entire hybrid estate with powerful consumption analytics

- View top costs by service type, location, and more: Interactive charts and graphs help you track where you're spending your IT budget and optimize to suit your specific needs.
- Get aggregated usage across on-premises and public cloud: Significantly reduce the need for multiple tools and spreadsheets and see all of your usage and spend across your entire IT landscape in one easy-to-use app.
- Customize and share reports and graphs: Simple drag-and-drop reporting capabilities provide quick answers and can easily be shared.



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Get the capacity you need for your HPE GreenLake cloud services

- Monitor usage against installed and reserved capacity: Full-featured capacity planning capabilities show you exactly how much capacity has been used compared to what's installed and reserved.
- Predict when you'll need more capacity: Eliminate the guesswork and forecast future capacity needs more accurately with capacity planning based on historical usage and trends.
- Plan capacity at any level: Forecast capacity at any level, from aggregated storage across your hybrid environment down to capacity on a specific array or server.



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Provision, monitor, and manage workloads for a wide variety of HPE GreenLake cloud services

- Create and manage VMs, containers, HPC, and ML Ops projects: Power up your DevOps team with self-service provisioning, management, and reporting of your instances through an intuitive user interface.
- View statistics for overall CPU, storage, and memory utilization: Real-time statistics on resource utilization can help you monitor your instances, providing overall efficiencies in your IT resources usage.
- Provision quickly with preconfigured blueprints or customize on the spot: Intuitive workflows and automation eliminate the IT bottleneck and get your developers and data scientists working faster.



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Monitor IT controls for security, risk, and compliance

- Quickly mitigate identified risks: Once out-of-compliance situations are identified, experts work with you to remediate and tailor frameworks as required.
- Streamline audits: Reduce the time and cost associated with audits, with comprehensive audit reports.
- Easily identify compliance failures and risks: Stay on top of governance and compliance with up-to-date KPIs.
- Stay current with latest controls: Ongoing evaluation and updates to key operational and regulatory controls reduce risk and help comply with audits.



Greater choice and control for every role

HPE GreenLake provides powerful capabilities and benefits that allow each role in an organization to achieve better business outcomes:

Unparalleled visibility and control for the CIO

Regain control of your organization's hybrid estate through a unified dashboard and operational console that positions you as a service broker to the rest of the business. Monitor and take action on a range of KPIs, including security, capacity, cost, compliance, and resource utilization. HPE GreenLake brings the self-service experience to the on-premises environment and gives you unmatched visibility and control, so you can focus on innovation and strategy—and transition from reacting to running hybrid cloud.

Faster deployment of code for developers

Simple point-and-click interface allows you to deploy code faster without having to worry about the underlying infrastructure.

Efficient cost control and budget management for the CFO

Obtain a real-time view of technology spend across the hybrid estate to understand usage and spend by service, projects, locations, or business units, within public and private cloud, data center, and edge environments. HPE GreenLake provides finance with unprecedented visibility to help control costs and enable your projects to remain on budget.

Easy risk assessment and mitigation for legal, compliance, and security teams

Gain a single, integrated view into the governance and security status of your organization's hybrid cloud estate. Users identify risks through a KPI dashboard and take action by leveraging over 1,500 controls to ensure compliance with company and industry regulations. Risks and failures are easy to identify and address, and comprehensive reports offer significant reduction in the time it takes to perform audits.

Consistent and simplified cloud experience for all users

Benefit from the simplicity of a consistent cloud experience for all workloads, from the edge to the cloud.







Learn more at
greenlake.hpe.com/edge-to-cloud

Explore **HPE GreenLake** 

Make the right purchase decision.
Contact our presales specialists.

 **Chat now (sales)**

 **Call now**

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