



# Accelerate your hybrid transformation

HPE GreenLake

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. 451 Research reports that 57% of IT decision makers consider pursuing

an integrated—on-premises and off-premises—environment as part of their overall strategy.<sup>1</sup>

Yet, a hybrid cloud environment can create complexity and operational friction that can slow down your digital transformation efforts. Data security and privacy concerns rank high on the list of challenges: 68% of users see security and compliance as a barrier to public cloud.<sup>2</sup> Besides, unrealized agility, complex IT operations,

unrestrained costs, and the inability to control risks can hold back your hybrid cloud strategy.

HPE GreenLake 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 Central—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.



<sup>1,2</sup> Having your cake and eating it too: Bringing the public cloud experience to the on-premises data center, 451 Research, October 2019.

## Three reasons to choose HPE GreenLake

- 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: The cloud that comes to you



HPE GreenLake 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, delivered to your facility in as little as 14 days—with no upfront cost. What's more, HPE GreenLake 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, HPE GreenLake takes on the heavy lifting associated with managing your infrastructure.

Tying everything together is the unifying self-service platform, HPE GreenLake Central, which centralizes operations and insights across your hybrid estate. Simply point-and-click to get a single integrated view into the cost, governance, performance, and security status of your hybrid estate, as well as comprehensive compliance capabilities and broader cost insights and analytics. Understand and control costs, manage and prove compliance, and optimize the right mix of public, private, and on-premises workloads.

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

GreenLake Central 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 Central, 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 continuous compliance control



Cloudify your apps and data and manage them 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, with an intuitive, self-service portal.
- **Get the right information with role-based access:** HPE GreenLake Central 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.
- **Try and buy new apps and services from our marketplace:** Try new services with a click of a button.



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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.
- **Spot areas to optimize with rules-based insights:** Get proactive insights into areas where you can optimize your usage and spend, such as under- or over-utilized resources, orphaned VMs and more.



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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:** HPE Consumption Analytics gives you the flexibility to 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 across your HPE GreenLake private cloud deployments

- **Create and manage VMs, containers, 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 preloaded workloads or customize on the spot:** Provision resources in minutes by leveraging preconfigured workloads or simple pull-down menus to customize workloads to suit your specific needs.





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## Monitor over 1,500 controls for governance, 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.
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5 Mitigate risk with continuous compliance control



# Greater choice and control for every role

HPE GreenLake Central 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 Central 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.

## 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 Central 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 IT 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.

## 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.

## 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.



# Get the cloud that comes to you with HPE GreenLake

Unlock capital, boost operational and financial flexibility, and free up your talent to accelerate what's next for you. Explore HPE GreenLake and get the modern cloud experience for all your apps and data, everywhere.

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**Infrastructure, covered.**  
Accelerate your hybrid transformation—HPE GreenLake

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## About CBTS

CBTS is a leading technology provider to more than 3,000 organizations in all industries, including dozens of Fortune 500 and Global 2000 companies. From Unified Communications to Cloud Services and beyond, CBTS combines deep technical expertise with a full suite of flexible technology solutions to mitigate risk, optimize collaboration, drive innovation, and leverage intelligence for its clients.



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