



How to build your cloud, your way

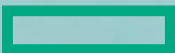
Extend a unified cloud experience to
apps and data wherever they are

Get started >



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Get the cloud experience everywhere

Bring the flexibility, agility, and economics of public cloud to applications and data across diverse IT environments

Organizations worldwide are all-in on the flexibility, speed, agility, and pay-per-use model of public cloud. Today, 96% of organizations use at least one public cloud, and 89% use multiple clouds.¹ But despite the benefits and widespread adoption, many are struggling with the reality that not every workload is appropriate for public cloud due to security, compliance, and performance concerns, as well as the complexity of migrating legacy applications.

This helps explain why 80% of organizations today have diverse IT environments, giving them the ability to run workloads on a mix of environments as they see fit,² but escalating costs and complexity. These organizations are seeking a way to bring the flexibility, agility, economics, and developer tools they are used to with public cloud to applications and data across their other IT environments.

Building your cloud, your way with a unified cloud experience for workloads wherever they are means you can have everything you like about the cloud experience along with the benefits of one platform for all applications and data across your data centers, colocations, clouds, and edges.

Here's how to get started.

^{1, 2} "2022 State of the Cloud Report," Flexera, 2022.

³ Compared to prior to adopting the HPE GreenLake platform. "The Total Economic Impact of HPE GreenLake," Forrester study commissioned by HPE, May 2022.



HPE cloud experience benefits³

80%
faster time to market for new projects

60%
better resource efficiency

65%
lower operating expense (OPEX)



How to reduce the cost and complexity of multiple IT environments

Extend the cloud experience wherever you need it

Operating across complex, distributed, and diverse IT environments can reduce flexibility and agility and limit IT's ability to deliver the resources people need, at the moment they need them. Bringing the advantages of the cloud experience to applications and data everywhere helps free up capital and provide financial flexibility through as-a-service IT models that allow resources to be scaled up and down with ease while paying only for the capacity used. You can further reduce costs and complexity with the flexibility to leave apps and data in place, with no refactoring or data movement required.

HPE delivers a transformed and modern private cloud experience with automated, flexible, and scalable pay-as-you-go private cloud for traditional and cloud-native workloads, with sophisticated metering for more granular and transparent consumption-based billing. HPE can also help you uncover and define how your hybrid cloud strategy aligns with your needs and budget to identify how to leverage cloud capabilities where they produce the most business value.

Simplified management of multigenerational IT environments gives you the ability to blend legacy infrastructure with new to run diverse workloads more efficiently. Consolidating multigenerational IT and rationalizing and improving the capacity of legacy systems frees up capital and resources for innovation and can support your sustainability goals. And creating a shared IT environment with centralized processing, data cleansing, and tracking further increases efficiencies.

Reduce the cost and complexity of diverse IT environments with a cloud operating experience across your clouds, edges, data centers, and colocations.



How to optimize performance, efficiency, and costs for all applications, everywhere

Bring a unified cloud experience to all your workloads, including the latest technologies

In diverse IT environments, the disconnect between cloud systems and data center, colocation, and edge environments increases IT management complexity and makes it difficult to respond to resource demands. This can leave you struggling to reach transformation goals for existing applications and find the resources to adopt the latest game-changing technologies, such as artificial intelligence (AI) and machine learning (ML), containers, high-performance computing (HPC), and the latest hybrid cloud security measures.

HPE can bring a unified cloud experience to all your workloads, centralizing operations and insights for an integrated experience across diverse environments. This gives teams fast access to resources, unfettered access to data-driven insights, and the ability to manage bare-metal, containerized, and virtualized applications across diverse IT environments on demand. Consistent management capabilities that leverage automation and AI can help you further enhance efficiency.

HPE can also address your entire application portfolio strategy and the changing operational needs of a modern software development function. We have the capability to help you rapidly deploy a broad portfolio of cloud services spanning storage, networking, and compute infrastructure; container, database, and private cloud platforms; AI and ML operations (MLOps), virtual desktop infrastructure (VDI), SAP®, and other business workloads. These are delivered in partnership with leading independent software vendors (ISVs) with no up-front costs and an intuitive user interface for self-service provisioning, management, and reporting.

Tie everything together with a unified, self-service platform that will work across a diverse IT landscape and apply to the full IT stack to simplify IT and optimize performance, efficiency, and costs for all applications, everywhere.



How to maintain security and compliance across diverse IT environments

Make security and compliance risks easy to identify and remediate

Security is a top priority for diverse IT environments where data is ingested and managed across multiple sources and locations. At the same time, applications and data that move across public cloud environments are subject to a growing list of regulations, making understanding, complying with, and remediating compliance failures a huge undertaking.

HPE can assess your security, risk, and compliance needs across different domains and architectures and provide enterprise-grade controls via integrated and native data security features across your entire IT estate. HPE provides multiple layers of security beginning with flexible zero-trust framework with an option to manage it for you.

HPE gives you the ability to scale to include additional services, data centers, high availability (HA), regionality, and multiple clouds. With security delivered both as part of the infrastructure and as a cloud service, you can take advantage of a managed solution that delivers security and compliance expertise and experience; simplified processes and tools—including modern data protection and disaster recovery; and a holistic management solution that lowers cost and risks.

In addition, HPE GreenLake platform provides a way for you to easily identify and take action on compliance failures and risks, including a key performance indicator (KPI) dashboard with comprehensive controls to help ensure compliance with company and industry regulations, including a single point of network visibility and control covering unified infrastructure, edge-to-cloud security, and AI Ops.

Increase your resilience while maintaining security and compliance across diverse IT environments with visibility into the governance and security status of your entire environment.



Start building your cloud, your way

Extend the cloud experience to apps and data wherever they are

Hybrid cloud can give you unprecedented flexibility, speed, agility, and cost-savings, but not if it's disjointed and bogged down with complexity and inefficiencies. Success requires the ability to use your cloud on your terms, deploying applications where they make the most sense with a unified cloud experience. HPE can help you:

Reduce the cost and complexity of multiple IT environments by extending the cloud experience wherever you need it.

Optimize performance, efficiency, and costs for all applications, everywhere with a unified cloud experience for all your workloads, including the latest technologies.

Maintain security and compliance across diverse IT environments by making security and compliance risks easy to identify and remediate.



Partner with HPE to build your cloud, your way

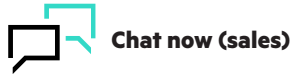
Building your cloud, your way with a unified cloud experience for workloads everywhere gives you all the benefits of the cloud experience with one platform across your data centers, colocations, clouds, and edges. Learn how HPE can help you reduce the costs and complexity of diverse IT environments, bring a unified cloud experience to all your workloads, and provide edge-to-cloud security, governance, and control.

Learn more at

hpe.com/greenlake/cloud

hpe.com/us/en/integrated-systems/simplivity.html

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