

Consistency across hybrid cloud

**Gain continuity and simplify
management for your entire IT estate**

Get started >



Are you getting the most from your hybrid cloud strategy?

As an enterprise leader, you know that the path to hybrid cloud hasn't been easy. Yet you've learned valuable lessons along the way and are ready to make adjustments to help achieve the full potential of your hybrid cloud strategy.

Get it all right and you gain a simpler way to manage your IT estate along with a consistent, reliable hybrid cloud experience to move your business ahead. Get it wrong and the consequences could be disastrous.

Read on for proven techniques from HPE and AWS that can help you get the most from your hybrid cloud strategy and outpace the competition.

By 2025,

75%

of organizations will favor partners that provide consistent application deployment experiences across cloud, edge, and dedicated environments¹

¹ IDC FutureScape: Worldwide Cloud 2023 Predictions, October 2022

Scale your AI initiatives across hybrid cloud.

You're ready to move from AI pilots and proofs of concept to operationalizing AI across the business. But with AI workloads spread across public cloud and on-premises infrastructure, training data models and keeping computing costs in check can delay initiatives.

Instead, you need an easier, more efficient, and collaborative way to build and deploy ML models. And you need to be able to run your AI workloads wherever you choose.

How to get it done

To scale your AI efforts across hybrid cloud, you'll need to

- ✓ Reduce the complexity and cost of creating high-quality models
- ✓ Iterate efficiently and collaboratively
- ✓ Easily expand HPC capacity in Amazon Web Services (AWS) cloud
- ✓ Reduce IT and operational burden

On average, only

54%

of AI projects make it from pilot to production²

² Gartner, 2022

“**(The HPE Machine Learning Development Environment) is so quick and flexible; we can spin a whole variety of different workloads automatically, in a few minutes.**”

– **Lutz Kirchner**, CIO/CTO, Alpha Layer GTS GmbH





Protect your data wherever it lives.

As ransomware continues to wreak havoc and businesses face disruptions of all kinds, it's never been more critical to embrace resilience by protecting data across hybrid clouds.

How to get it done

Achieving data resiliency in a hybrid world requires the ability to

- ✓ Provision and protect hybrid cloud workloads
- ✓ Scale disaster recovery
- ✓ Modernize data protection in minutes
- ✓ Get real-time encryption detection
- ✓ Manage data protection from anywhere

By 2025,

55%

of organizations will have shifted to a cloud-centric data protection strategy³

³ IDC, The State of Ransomware and Disaster Preparedness: 2022

“HPE GreenLake has helped us simplify our IT operations. We're able to see where all of our workloads are—whether in someone else's datacenter, Azure, or Amazon Web Services.”

– **Gwen Bourque**, Assistant Vice President, Information Technology Services, Saskatchewan Polytechnic

Modernize and automate containerized applications.

As your organization expands its global footprint, you'll likely have to create and operate Kubernetes clusters on your own infrastructure. But deploying Kubernetes on-premises and managing containers across public and private clouds can be challenging.

In addition to a solution that takes the burden off of your IT team, you need a better way to monitor all of these containerized applications across your estate.

How to get it done

Choose an on-premises Kubernetes environment that

- ✔ Helps you modernize and automate containerized applications
- ✔ Makes it easier for you to deploy on your own infrastructure
- ✔ Enables you to standardize Kubernetes stacks
- ✔ Is more reliable than a self-managed offering



HPE GreenLake for Private Cloud Enterprise will play an essential role in allowing our infrastructure teams to quickly innovate and transform our customers' experience.

– **Peter Soetens**, CEO of Mediahuis TPS, the international technology department of the Mediahuis Group



Connect your hybrid cloud environment.

You need a way to securely and reliably connect workloads across public and private clouds while maintaining high performance. But deployment challenges and lack of visibility into connectivity issues can slow you down.

It's time for a solution that provides robust enterprise connectivity even while extending on-premises network segments into public cloud.

How to get It done

To connect your hybrid cloud, you need a cloud-first enterprise network that enables you to

- ✔ Strengthen network security, access control, and performance
- ✔ Simplify deployment and scale globally
- ✔ Streamline monitoring and troubleshooting
- ✔ Automate multi-cloud access

“The Aruba EdgeConnect SD-WAN platform effectively connects our edge-to-AWS enterprise, allowing us to enforce security and service performance policies across the WAN.”

– Thor Wallace, CIO, NetScout



Managing your networks with disjointed tools is inefficient and error prone. Ideally, you should be able to oversee every aspect of your network through a single pane of glass.

5 key questions to move you along the path to consistent hybrid cloud experiences.

1. Do we have disparate management tools and fragmented data access across the enterprise?
2. Are we seeing value from our AI initiatives as quickly as we'd like? If not, how can we accelerate outcomes?
3. Are we consistently meeting our Recovery Point Objectives (RPOs) and Recovery Time Objectives (RTOs)? If not, what can we do about it?
4. What kinds of challenges do we face when rebalancing our container workloads, and how can we overcome them?
5. How many tools are we currently using to manage our networks, and how can we simplify?



HPE and AWS can help.

- ✔ **Achieve hybrid cloud continuity**—HPE and AWS can deliver a consistent, simplified, optimized, and reliable hybrid cloud experience for your enterprise across public and private clouds.
- ✔ **Scale your AI initiatives**—HPE and AWS have partnered to provide you with the option to use the HPE Machine Learning Development Environment (MLDE) on AWS as well as give you the ability to burst additional HPC capacity on-premises through HPE GreenLake to Amazon Elastic Compute Cloud (EC2) based on your AI workload requirements.
- ✔ **Protect your data**—Zerto and HPE GreenLake for Backup and Recovery offer end-to-end protection for AWS and on-premises workloads across the data lifecycle through enterprise-class backup, disaster recovery, and cyber recovery solutions.
- ✔ **Modernize and automate containers**—Amazon Elastic Kubernetes Service (EKS) Anywhere and HPE GreenLake for Private Cloud Enterprise are integrated to provide, orchestrate, and simplify container deployment on your infrastructure.
- ✔ **Connect your hybrid cloud**—HPE Aruba Networking and AWS offer solutions that help you modernize your enterprise networks with an architecture that both integrates and scales with AWS.



Learn more about how you can simplify hybrid cloud management and get continuity between public and private cloud solutions with HPE and AWS.

Learn more at

HPE.com/partners/AWS

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