

Drive business agility and performance

Application Migration to Cloud

Accelerate delivery and optimization of business services
by moving workloads to the cloud

Application Migration to Cloud is a tested, end-to-end private cloud solution delivered by experts from HPE Technology Services or one of our and qualified HPE partners to enable better business outcomes.

- Increase agility and flexibility to leapfrog your competitors by accelerating time-to-business-services with the automated provisioning and self-service portal provided by HPE Cloud Service Automation and HPE Operations Orchestration.
- Mitigate risk and drive business growth while retaining control and ensuring security with HPE's built-in, holistic data security, access controls, audits, governance, and risk and compliance controls.
- Optimize datacenter efficiencies and drive increased productivity with the availability, performance, and efficiency of HPE ProLiant Gen9 servers, HPE 3PAR StoreServ storage, and HPE FlexFabric Switch Series.



Deliver high-velocity IT with a move to the cloud

Cloud is critical to delivering the agility and speed that business demands. IDC states that “effective cloud computing environments empower end users, facilitate business agility, optimize cost and resource consumption, control business risk, and enforce regulatory compliance via the use of automation, analytics, and standards.”¹

With up to 90% of IT budgets spent on maintaining existing systems,² businesses are looking for new ways to accelerate service delivery, optimize efficiencies, and reduce costs.

To meet these demands, more and more enterprise application workloads are being deployed in private or hybrid clouds, with over 30% of enterprises running an average of more than 1000 VMs in a private cloud.³

By moving workloads to the cloud, you can deliver infrastructure and services faster, quickly scale as your business grows, and reduce costs. And moving to a private cloud reduces pressure on IT resources and budgets, allowing you to reinvest in modernizing applications that drive business growth.

71% of enterprise use hybrid cloud³

¹ [IDC MaturityScope: Hybrid Cloud Management, January 2015](#)

² [Updates to HP \(now HPE\) Helion Portfolio Help Customers Unlock Value of a Hybrid Infrastructure, June 2015](#)

³ [Cloud Computing Trends: 2016 State of the Cloud Survey, RightScale, January 2016](#)

Solution brief

56%

of organizations use private, on-premises cloud.⁵

38%

of organizations use hosted, private clouds.⁵

Your fully integrated, end-to-end cloud solution

With the right balance of servers, storage, networking, software, and services, Hewlett Packard Enterprise can help you transform to a hybrid infrastructure and build a fully integrated and optimized private cloud that's right for your business—on premises and under your control.

With reduced risk and faster time to market, we'll help you migrate your applications with increased confidence to empower IT, business users, and customers to drive better business outcomes.

Increased agility for faster time-to-service

Application Migration to Cloud offers unprecedented agility and flexibility with self-service capabilities to deliver high-velocity IT.

A private cloud empowers your employees to accelerate time-to-value quickly and securely by virtualizing infrastructure and offering infrastructure provisioning and application deployment automation—reducing cloud service delivery time from months to minutes.

With this solution, VMware vSphere® ESXi™ is used to virtualize the physical resources and aggregate them into logical pools for allocation of the application workloads.

HPE Cloud Service Automation manages the entire service provisioning process, with an easy-to-use self-service portal delivering a seamless experience for IT users.

Accelerate your business performance

As the compute engine, HPE ProLiant Gen9 servers—powered by Intel® Xeon® family processors—boosts workload performance

by up to 4X.⁴ The performance, availability, and scalability of HPE's broad compute portfolio (HPE ProLiant, HPE Blade Servers, and HPE Converged Systems) and HPE 3PAR StoreServ deliver the power and capacity you need to ensure your migrated applications meet your service level agreements to drive increased productivity and business growth.

And to protect and ensure on-time data availability and client satisfaction, HPE Cloud Service Automation and Operations Orchestration software enables reliable and compliant services to meet corporate and regulatory standards.

Accelerate transformation and reduce costs

HPE Workload Portability Services helps ease your cloud journey and ensure that your application migration meets your business objectives by leveraging the expertise and cloud best practices of HPE Technology Services gained in delivering over 2600 successful customer migrations each year.

HPE Accelerated Migration can help drive innovation during your transition, while HPE Technology Refresh for Computing can help maintain a flexible IT investment strategy that makes it easier for you to acquire, manage, and refresh your technology solutions.

We can help you reduce risk, optimize costs, and quickly migrate with the right mix of technologies, services, and financing.

Move to your cloud with confidence by partnering with Hewlett Packard Enterprise.

Learn more at [Solution Design and Configuration Guide](#)

⁴ Based on HPE SmartCache Performance testing done with equivalent controller in a controlled environment, May 2014

⁵ [Corporate Cloud Computing Trends, 451 Alliance, June 2015](#)