

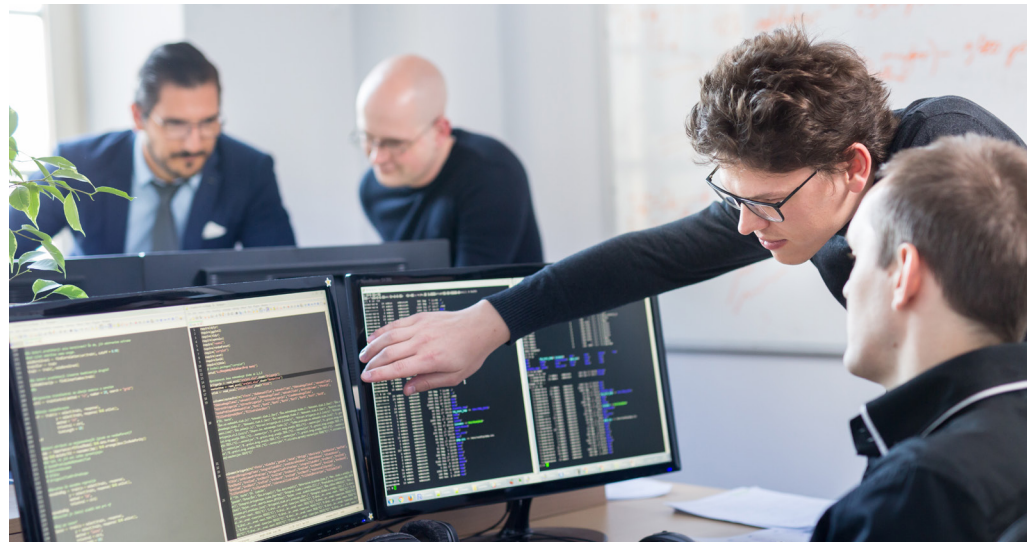
RUN APPS EVERYWHERE

HPE Ezmeral Container Platform on HPE Compute

Leverage Kubernetes to deploy even non-cloud-native applications across clouds and at the edge with better visibility and control.

75%

of enterprises will have containerised applications in production by 2022, compared to less than 30% today.¹



HPE Ezmeral Container Platform

Leverage a container platform designed to deploy both cloud-native and non-cloud-native applications—on any public cloud and at the edge—using open-source Kubernetes running on bare metal or virtualised HPE infrastructure.

Key use cases

- Scalable data processing, analytics, and machine learning
- Looking for a consistent data management platform at scale
- Consumption as a service (CaaS)
- Enterprise Kubernetes at scale

EXTEND THE BENEFITS OF CONTAINERISATION

In today's data-driven world, agile processes around application development and deployment are crucial for success. Enterprises of all sizes leverage the hybrid cloud's inherent speed, agility, simplicity, consistency, and cost-effectiveness to support digital transformation, business innovation, and accelerated growth. Many of these organisations also adopt containers to help developers build and deploy applications that can be easily ported across hybrid cloud environments and the edge.

As containerisation mainstreams, Kubernetes has emerged as an open-source standard for container orchestration and a fundamental building block for cloud-native architectures. However, while modern, cloud-native applications can be deployed easily to containers, the vast majority of applications in use are non-cloud-native,

with a monolithic architecture and persistent data storage. While these non-cloud-native applications would benefit from the agility and efficiency of containers, IT is challenged to run monolithic applications in containers without rearchitecting them.

As enterprise organisations extend the use of containers and Kubernetes, they need to find ways to run cloud-native and non-cloud-native applications in hybrid cloud environments with speed and efficiency while addressing key considerations around security and data persistence.

With HPE Ezmeral Container Platform running on HPE Synergy or HPE ProLiant servers, enterprises can extend the agility and efficiency benefits of containers to more of their enterprise applications—running on either bare metal or virtualised infrastructure, either on-premises, in multiple public clouds, or at the edge.

¹ Gartner press release, "Gartner Forecasts Strong Revenue Growth for Global Container Management Software and Services Through 2024," June 2020.

HPE Pointnext Services

From planning to application containerisation, migration, and development, to proof of concept, to production, HPE Pointnext Services for containers helps you accelerate the transformation of your technology, people, and economics so you can move fast as you drive innovation. [Learn more.](#)

HPE Financial Services

Leverage a variety of financial and asset lifecycle solutions that can help you adopt containers right away and position you for future success. [Learn more.](#)

BUILT TO WORK TOGETHER

HPE Ezmeral Container Platform

HPE Ezmeral Container Platform is the industry's first Kubernetes based enterprise-grade container platform designed to run both microservices and cloud-native applications and monolithic non-cloud-native apps. It includes innovations from HPE's recent acquisitions of BlueData, now known as HPE Ezmeral ML Ops, and MapR, now known as HPE Ezmeral Data Fabric, together with open-source Kubernetes for orchestration.

BlueData has a proven track record of deploying non-cloud-native artificial intelligence (AI) and analytics applications in containers and MapR brings a state-of-the-art file system and data fabric for persistent container storage. With this software-defined solution, your organisation can:

- **Increase speed and efficiency** by delivering a cloud-like experience to non-cloud-native apps, without rearchitecting them.
- **Reduce risk and lower costs** with enterprise-grade security, control performance, and reliability.
- **Simplify the user experience** via streamlined developer access to Kubernetes clusters and services.
- **Accelerate innovation** with a unified control plane to rapidly build and deploy applications in the data centre or any public or hybrid cloud.

Choose a composable foundation

The first platform built from the ground up for composability, HPE Synergy is an ideal platform for containerisation. HPE Ezmeral Container Platform on HPE Synergy Composable Infrastructure:

- Enables IT to assemble and reassemble resources on demand, providing agility and scalability at the hardware layer and extending it to the HPE Ezmeral Container Platform.
- Simplifies the user experience with a self-service portal and one-click container deployment.

- Connects to external data without copying the data by leveraging the HPE Ezmeral Data Fabric for pre-integrated, scale-out, edge ready persistent storage, along with HPE Data Platform for data services.

Select a cost-effective, simple, and reliable foundation

HPE ProLiant DL servers are adaptable for diverse workloads and environments, delivering world-class performance with a balance of expandability and scalability along with resilience that make it ideal for multiple environments—from containers to cloud. With HPE ProLiant servers you can:

- Deploy an end-to-end fully integrated and validated HPE container solution.
- Achieve bare-metal performance with lower cost.
- Adopt a simplified and cost-effective platform for container workloads.
- Get proven, enterprise-class security, performance, and reliability.
- Provide a flexible, cost-effective hybrid DevOps architecture.

Consume containers as a service

With HPE GreenLake, you can consume containers in a pay-per-use model, so you can get started quickly, scale up or down as needed, and pay only for what you use. This avoids high up-front expenditures and costly overprovisioning. And since the container platform is managed for you, your developers and IT staff are freed up to focus on your business. Learn more at [HPE GreenLake for containers.](#)

EXPAND NOW

There's no need to wait. Contact your authorised HPE sales representative to find out how you can start running cloud-native and non-cloud-native containerised applications across clouds, today.

LEARN MORE AT

hpe.com/uk/en/software.html

Make the right purchase decision.
Contact our pre-sales specialists.



Chat



Email



Call



Get updates