



Free data from silos to ease migration headaches

Unlock insights at the edge

Get started >



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Overcome data silos

Unify data management from Edge to Cloud

The edge is where people and organizations interact, innovate, create, purchase, and explore. The edge is where artificial intelligence (AI), machine learning (ML), and automation use edge data to continuously learn, predict, and adapt to changes, needs, and threats in real time.

Along with these possibilities comes a significant challenge: How to handle the overwhelming volume of data created at the edge. Out at the edge, the number of Internet of Things (IoT) devices worldwide is forecast to almost triple between 2020 and 2030, to more than 29 billion.¹ To compete, you need to effectively connect, analyze, and act on data from these devices—across applications and locations.

Today, most organizations store diverse data types across multiple platforms, such as data centers and colocations, multiple clouds, and distributed edge. Each environment becomes an independent silo that restricts access to data and limits insights that lead to innovation. Migrating data out of these silos into a unified environment that allows the free flow of data to drive real-time insights can be a headache—one that requires changes to IT as well as organizational skills, ways of working, and how data is treated.

Here's how to get started.

¹ "Number of Internet of Things (IoT) connected devices worldwide from 2019 to 2021, with forecasts from 2022 to 2030," Statista, August 2022

² Together NVIDIA® RAPIDS Accelerator for Apache Spark and HPE Ezmeral can accelerate Spark data preparation, model training, and visualization by up to 29x, allowing data scientists and engineers to build, develop, and deploy at scale analytics solutions into production faster. "NVIDIA RAPIDS Accelerator for Apache Spark and HPE Ezmeral Runtime," HPE technical white paper, October 2021



The HPE edge advantage

One

logical datastore integrates multiple data types.

Single

global namespace unifies data silos.

29x faster

to build, develop, and deploy analytics at scale.²



Transform in the right direction

Unlock data value with tested processes and trusted expertise

The effort required to unlock the full potential of an edge-to-cloud operating model is often broader than an organization can support on its own. At the same time, there is often an urgency to accelerate transformation to meet organizational goals. In addition, transformation must be holistic across several critical domains to operate successfully in today's hybrid work and IT environments environment.

Working with an advisory partner with years of experience in digital transformation is an ideal way to get knowledgeable advice that will increase your ability to succeed. Hewlett Packard Enterprise has developed a comprehensive edge-to-cloud adoption framework to help guide you through your transformation journey. We use this framework to break down the complexity of transformation into a repeatable and predictable approach that works with your unique ambitions, constraints, and risk profile. Ultimately, this adoption framework accelerates your adoption of a modern cloud operating model and helps you to understand and plan your transformation with a holistic view of the IT and business landscape.

Getting started with the HPE Edge-to-Cloud Transformation Program can help you succeed with the initial implementation and beyond. It accelerates your transformation with analysis and guidance while also providing continued expertise in decision-making, communications, training, and standards.

Get expert advice and implementation to take your digital transformation to the next level.



Build an effective foundation to manage your data across sites

Unify data to simplify access and management

Analytics, AI, and ML can help you innovate faster and run operations more effectively. However, the data required to power these applications is often stored in different formats across different geographies and platforms, creating data silos. Managing distributed data across edge-to-cloud deployments is a challenge, slowing down insights your organization needs to gain a competitive advantage.

Transforming your data landscape with a modern data fabric can make gaining insights from your data simple and fast. Data scientists and data engineers can access a single, unified, and trusted source of data with a modern data fabric that addresses multiple use cases, such as analytics, AI/ML, data lakes, data lakehouses, data warehouses, or Hadoop instances.

HPE Ezmeral Data Fabric simplifies hybrid data operations. It can be delivered as a fully managed, enterprise-grade cloud service to simplify access to your data while meeting compliance and performance needs. This service model allows you to set up, administer, and manage globally distributed data sets across edge-to-cloud deployments from a single management view. It also simplifies deployment and lowers costs and risks by providing infrastructure in a pay-per-use³ model.

HPE Ezmeral Data Fabric simplifies and speeds data analytics by providing a high-performance approach that can be managed, secured, and deployed from edge to cloud. It's now easier to unify your disparate data across data centers, clouds, and edges—delivering seamless access to a trusted source of data.

³ May be subject to minimums or reserve capacity may apply

Increase data integrity and trust by unifying and processing different data types into a single logical datastore.



Unify operations at the edge

Connect your edge to unlock value from data

Successful digital transformation is difficult. You can increase your odds of success by working with experts to design the right program to meet your business needs. Building an effective foundation with a data fabric is also vital because it simplifies access and use of your data—no matter where it's located. HPE can help you:

Start smart to transform in the right direction and unlock data value with tested processes and trusted expertise

Build an effective foundation to manage your data across sites with the ability to unify data to simplify access and management



Partner with HPE to ease migration headaches

HPE can help guide your digital transformation journey in the right direction and keep it on the right path. Learn how HPE helps you connect your edge by unifying operations with a data-centric platform.

Learn more at

[HPE Edge-to-Cloud Transformation Program](#)

[HPE Ezmeral Data Fabric](#)

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