

CLOUD-NATIVE OBJECT STORAGE FOR MODERN APPLICATIONS

Build your object cloud with HPE Solutions for Scality ARTESCA

Unify access to data everywhere, from core to edge and cloud, with HPE Solutions for Scality ARTESCA lightweight container-based object storage

HPE Solutions for Scality ARTESCA deliver core-to-edge flexibility for modern applications.

Performance for data-intensive apps

Delivers essential performance to cloud-native, analytics, and in-memory applications, running on HPE all-NVMe platforms.

Manage data across multiple clouds

Provides built-in federated cloud data management to deliver complete data lifecycle management, across multiple clouds.

Efficient data access

Enables applications to easily access data that's on-premises and in multiple clouds for efficient data processing.

The cloud that comes to you

Get as-a-service cloud economics and a managed services experience on-premises through HPE GreenLake.

Co-designed by Hewlett Packard Enterprise and Scality, ARTESCA solutions usher in a new era for object storage, one that helps power the next generation of cloud-native, analytics, and in-memory applications. HPE Solutions for Scality ARTESCA provide you with the latest application-centric, developer-friendly, and cloud-first object storage platform. This new platform offers a lightweight design, Kubernetes-based orchestration, resilience and unified data access, and scales from just a single node to limitless capacities.

FAST OBJECT STORAGE, WITHOUT COMPROMISE

The speed and efficiency your modern applications demand

HPE Solutions for Scality ARTESCA provide app-centric data stores for new modern applications built around object storage, with all-NVMe platforms delivering the performance needed for the most demanding data-intensive workloads.

IT infrastructure teams and the application teams they support, now have a full range of options from high-performance all-NVMe to economic hybrid storage so they can deliver the performance and economics your applications require.

CONSISTENT DATA MANAGEMENT ACROSS CLOUDS

Complete data lifecycle management without the overhead

HPE Solutions for ARTESCA feature built-in federated data management and workflows with no overhead for complete data lifecycle management across any S3-compatible object store, from edge to cloud. Application owners and DevOps staff can easily manage persistent data wherever it resides, without being forced into becoming storage experts.

UNIFIED DATA ACCESS

Fast access to data no matter where it lives

Data delivery for modern applications needs to be application-centric, rather than location-centric. HPE Solutions for ARTESCA provide application owners and developers with a global namespace across the core, edge, and cloud that allows API-based access for cloud-native applications, giving them fast and uniform data access no matter where their data lives.

SIMPLE TO DEPLOY, USE, AND SCALE

Manage as one while scaling from one to any

Persistent storage for modern applications is now simple to deploy and operate, starting from just one server and scaling to many exabytes of data. HPE Solutions for ARTESCA offer options for scale-out capacity starting as small as 50 TB in a single node. This S3-compatible solution offers a single unified global management view with an intuitive user interface (UI) that provides integrated, multicloud namespace views. The UI also enables monitoring of S3 service management, identity access management, and metadata search.

SCALABLE OBJECT STORAGE ON CONTAINERS

Hybrid cloud agility with HPE Ezmeral Container Platform

HPE Solutions for ARTESCA combined with HPE Ezmeral Container Platform enable enterprises to deliver their hybrid cloud goals while helping ensure workload security, portability, and operational consistency. With the combined solution, enterprises can confidently develop and deploy object-oriented containerized applications with superior manageability, cost, and security.

DURABLE, RESILIENT PROTECTION

Scalable fault tolerance, for implementations large and small

Build your cloud-native applications for resilient scale from the start. It's a leading solution to offer dual-layer erasure coding with peak efficiency. This enables faster rebuild times and can even correct faults before user performance is impacted.

Ideal for environments that need to reduce storage and overhead costs while still delivering superior data durability, HPE Solutions for ARTESCA provide the high availability and data redundancy needed to keep critical business applications running.

DENSITY-OPTIMIZED FOR BIG DEMANDS

Enabled by the HPE portfolio of all-NVMe and hybrid systems

HPE Solutions for ARTESCA are forged from the HPE portfolio of intelligent data storage servers. This includes the high-performance all-NVMe HPE ProLiant DL325 Gen10 Plus server, bulk capacity all-flash and hybrid flash HPE Apollo 4200 Gen10 server, and bulk capacity hybrid flash HPE Apollo 4510 Gen10 system.

Density and workload-optimized for the full spectrum of object storage workloads and with configurations starting from just a single node, HPE Solutions for ARTESCA offer the right balance of capacity, performance, and security for modern applications.

ACCELERATE VALUE WITH HPE GREENLAKE

Innovate faster with cloud services that come to you

HPE GreenLake enhances your Scality ARTESCA solution with as-a-service cloud economics and a managed services experience on-premises. HPE GreenLake provisions hardware, software, and services to create a better solution. It is consumed like a cloud service, helping you offload the management of on-premises and public clouds, freeing up your valuable resources.

OBJECT STORAGE DONE RIGHT

Speed, efficiency, and data access so your applications can do more

Modern applications are changing requirements for data storage and data access. They demand faster access to data, regardless of where it lives, without the expense, time, or resources needed to migrate and move data for application use.

Together, HPE and Scality are delivering the speed, efficiency, and unified data access you need to meet the requirements of today's modern cloud-native and data-intensive applications.

LEARN MORE AT hpe.com/storage/scality

Make the right purchase decision.
Contact our presales specialists.



Chat



Email



Call



Get updates