

ACTIVESCALE OBJECT STORAGE WITH AWS OUTPOSTS

Scalable S3 Storage for Your AWS Outposts Environment

AWS Outposts delivers fully managed AWS infrastructure and services to your on-premises or edge location for a truly consistent hybrid experience. Simplify your hybrid IT environment using the same AWS tools and services in the cloud and in your own data center. Outposts seamlessly extends your Amazon Virtual Private Cloud (VPC) into your physical data centers and edge locations to run select AWS services on locally deployed Outposts platforms with connectivity to a broad range of AWS regional services.

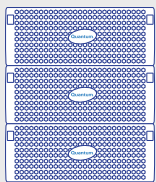
AWS Outposts excels at workloads that need low-latency access to on-premises systems as well as for workflows that need local data processing due to dependencies on in-house resources or to comply with data residency requirements. As the industry's only object storage platform architected for both active and cold data, ActiveScale™ Object Storage is the ideal solution for S3 data services for AWS Outposts.

Up to 80% Less Expensive than Other On-Premises Platforms

ActiveScale addresses data growth with simple management and low cost of ownership, even at large scale. Simple to deploy, manage, and expand, ActiveScale dramatically reduces storage administration so you can dedicate more of your time to valuable tasks and projects. Support of both active and cold data classes reduces on-premises storage expenditures greatly.

Outposts-Ready S3 Storage for Active and Cold Data

ActiveScale seamlessly works with your AWS-based workflows, providing high performance, highly available data services at any scale. With industry-leading durability, secure data access, and native S3 replication, ActiveScale efficiently protects your data for years and decades. Backed by Quantum worldwide service and support programs, ActiveScale is an 'always-on' storage resource for your worldwide operations and non-stop applications.



ActiveScale Object Storage

Security, resilience, and performance at scale



AWS Outposts

Run AWS infrastructure and services on premises



Quantum Object Storage Services

Bringing the cloud experience to wherever your data lives



ActiveScale Object Storage and Quantum Object Storage Services are deployed in data-intensive use cases, such as manufacturing process flow, financial analytics and high frequency trading, media content production and management, healthcare, regulatory compliance, gene sequencing and analysis, and artificial intelligence and deep learning.

SOLUTION BRIEF

BUSINESS BENEFITS

- **Verified Compatibility with AWS Outposts**
Standard S3 features include strong consistency, versioning, encryption, object locking, and replication.
- **Available as-a-Service**
Quantum Object Storage Services provide flexible pay-as-you-grow pricing, 7x24 support, and seamless expansion.
- **Simple Management, Unlimited Scale**
ActiveScale's unrivaled two-layer scale-out architecture meets the performance needs for billions of objects and capacities from terabytes to exabytes.
- **Always Available Data Access**
Advanced erasure coding, regional geo-spreading, and replication to AWS S3 targets maximize data access and productivity.
- **Industry's Lowest Storage TCO**
Active (S3 Standard) and Cold (S3 Glacier) Storage Classes deliver up to 80% lower cost than alternative solutions.
- **Extreme Data Durability and Security**
Ongoing monitoring and repair ensure that data is secure. Protect against ransomware with authenticated access, immutable, encrypted objects, and traceability.

Contact us for more info!

keepertechnology
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571 333 2725

solutions@keepertech.com | www.keepertech.com

Quantum Certified
EXPERT PARTNER **QSP**

Simple, Easy Deployment and Management

ActiveScale meets your local storage needs for a variety of data analytics workloads, active archiving workflows, and data retention needs. From terabytes to exabytes, performance, capacity, and scaling are seamless. Advanced erasure coding employs all storage resources for maximum protection, durability, and performance. As new nodes are added, resources come online immediately, and ActiveScale Dynamic Data Placement (DDP) removes the need for data rebalancing that limit other storage platforms.

Improved Storage Efficiency and Reduced Data Protection Costs

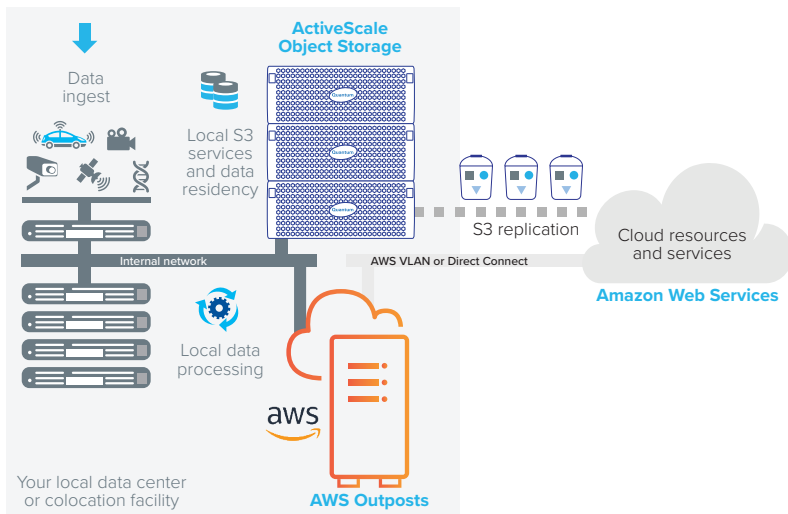
ActiveScale is a self-protecting storage platform that ensures data availability even in the case of component and site failures. Dynamic data layouts, internal monitoring, and data scrubbing services protect data even in the most adverse conditions, for ongoing data reliability, all while achieving up to 19 9's data durability.

Free Up IT Resources with Amazon and Quantum Fully Managed Services

Match the agility of AWS Outposts with Quantum-as-a-Service fully managed services. Based on ActiveScale platforms, Quantum Object Storage Services (QOSS) provide affordable, scalable on-premises cloud storage services for both active and archived data sets. With QOSS, Quantum owns, installs, manages, maintains, and monitors your ActiveScale infrastructure, delivered as-a-Service, backed by Quantum expertise, service delivery tools, and AIOps-driven analytics and monitoring.

Meet Your Need for IT Agility with ActiveScale Object Storage and AWS Outposts

ActiveScale Object Storage provides S3 services for AWS Outposts environments in support of latency-sensitive applications, ingest of data from local systems and devices, and local data processing, due to data center dependencies or to comply with data residency requirements. Local Outposts services include EC2, ECS, EKS, EBS, EBS Snapshots, S3, RDS, ElastiCache, EMR, ALB, CloudEndure, and VMware Cloud. With native S3 replication between ActiveScale systems and Amazon Web Services, easily manage and migrate data from your local data center to AWS cloud regions for data protection, disaster recovery, cloud bursting, scalable processing, and other Amazon cloud-based services.



BUSINESS OUTCOMES

- Streamline Your IT Operations**
 Build and operate your data center with familiar AWS infrastructure, services, APIs, and tools.
- Maintain Data Residency while Reducing Storage Costs**
 Keep sensitive data inhouse for local processing, data residency, and regulatory and inhouse policy compliance.
- Simplify IT with Fully Managed Infrastructure**
 Reduce the time, resources, and operational risk of on-premises infrastructure with fully managed services from AWS and Quantum.



ActiveScale is AWS Outposts Ready, part of the AWS Service Ready program. ActiveScale is fully validated to provide Amazon Simple Storage Service (S3) compliant services for AWS services running within AWS Outposts environments. ActiveScale is also often deployed and fully compatible with these AWS Outposts Ready solutions.



Quantum

Contact us today for more information!

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 solutions@keepertech.com | www.keepertech.com

Quantum technology, software, and services provide the solutions that today's organizations need to make video and other unstructured data smarter – so their data works for them and not the other way around. With over 40 years of innovation, Quantum's end-to-end platform is uniquely equipped to orchestrate, protect, and enrich data across its lifecycle, providing enhanced intelligence and actionable insights. Leading organizations in cloud services, entertainment, government, research, education, transportation, and enterprise IT trust Quantum to bring their data to life, because data makes life better, safer, and smarter. Quantum is listed on Nasdaq (QMCO) and the Russell 2000® Index. For more information visit www.quantum.com.

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