

OROCK CLOUD STORAGE

Solution Overview



FAST, ACCESSIBLE STORAGE SOLUTIONS FOR HYBRID IT

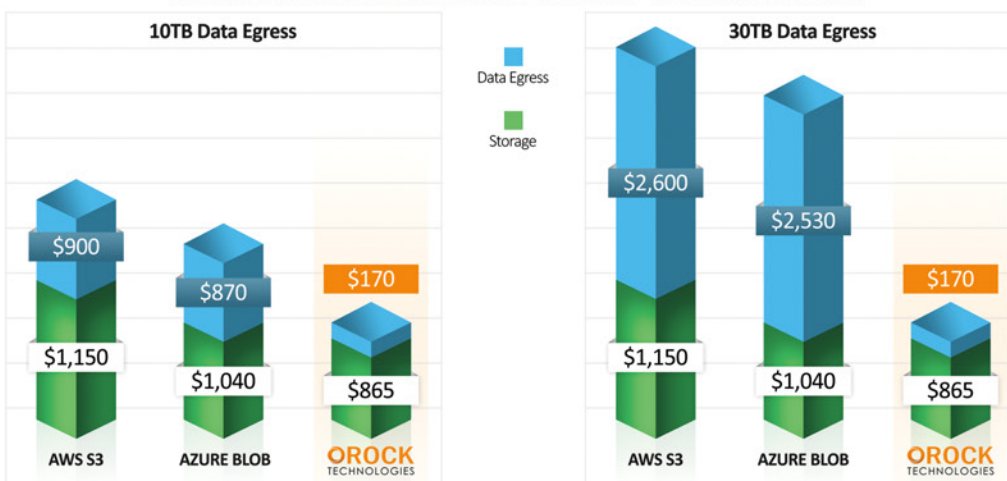
Cloud storage is growing exponentially as organizations capture and mine ever-expanding amounts of customer data, business information, and rich media. Compounding this growth is the explosion of data captured and stored from Internet of Things (IoT) devices and the requirement to access data quickly for analytics, big data processing, and artificial intelligence (AI). Unfortunately, the price of storing and transporting data in hyperscale clouds is unpredictable, as high egress fees force data owners to choose between accessibility and cost control.

Organizations in government, financial services, health care, energy, and critical infrastructure struggle to comply with increasingly complex audit and regulatory requirements. They face additional security compliance challenges as industry and government regulations require them to protect, store, archive, and access data over many months or years.

HIGH PERFORMANCE WITH NO EGRESS FEES

ORock storage solutions provide organizations with simple, secure, and predictable options delivered on an OpEx basis, with outstanding price and performance on both Object and Block storage. Experience government-grade data security, fast performance, instant accessibility, and affordable costs. ORock's predictable flat-rate billing model, with no additional charge for data egress, provides significant savings over hyperscale clouds.

ESTIMATED MONTHLY COST FOR 50TB OBJECT STORAGE



KEY BENEFITS

Pricing Simplicity

Predictable, flat-rate storage pricing with no additional charges for data retrieval or transport fees (egress or ingress)

Full Range of Storage Solutions

Supports various cloud storage needs such as databases, enterprise applications, big data, backup and recovery

Security Protection and Controls

Protect your data in a government-grade cloud that complies with multiple government, military, and commercial security standards

Unlimited Scalability

Scales from gigabytes to exabytes

Highly Redundant

Designed with no single point of failure

Self-Healing Capabilities

Optimizes data placement to maximize system resiliency and availability

Avoids Vendor Lock-In

Gain flexibility through enterprise-grade, open source, software-defined storage solutions with no extra cost to move your data

CUSTOMIZED STORAGE OPTIONS FOR YOUR SPECIFIC NEEDS

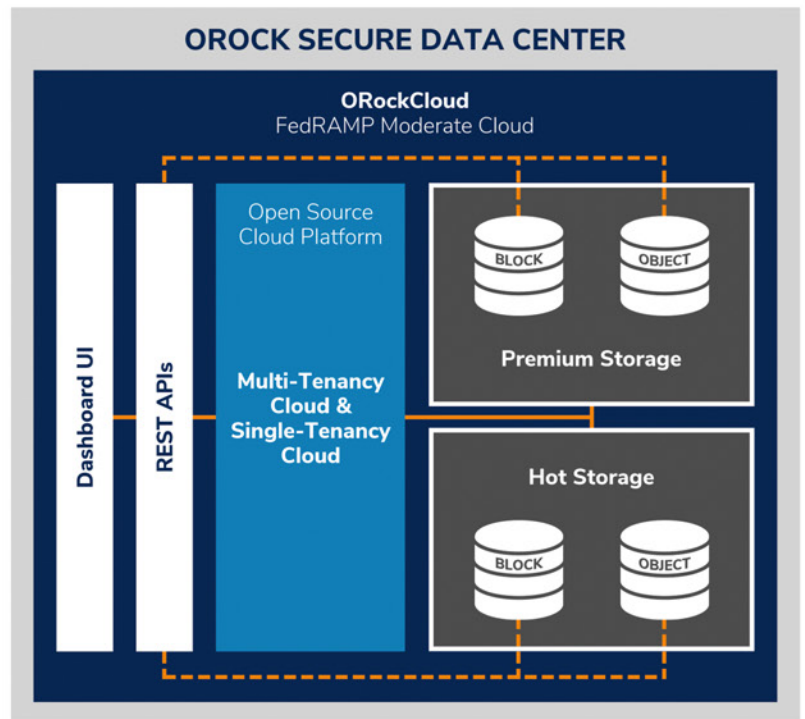
Whether your data storage requirements are small (gigabytes) or large (petabytes or even exabytes), ORock offers the flexibility to accommodate your needs with secure, scalable solutions. Options include:

Multi-Tenant Storage

Buy hosted storage on a flexible model or with a reserved commitment for even lower costs. Utilize ORock's fast premium block storage for workloads that demand high speed IOPS along with ORock's Hot Object Storage for cost-saving uses like backup and recovery, data warehousing, and even active archiving.

Dedicated Storage

For organizations that require physical isolation of their cloud compute and storage infrastructure, ORock offers single-tenant deployments. If security and control are required to meet compliance and regulatory requirements, ORock offers partial and even full racks of storage capabilities.



CHOOSE FROM BLOCK STORAGE OR OBJECT STORAGE

Block Storage Premium and Hot Performance

Block storage has been an established and tested storage type for many years. It is used by a range of different types of applications and workloads that require the ability to attach and detach storage volumes (either locally or network-attached).

ORock offers two versions of block storage offering a variety of price vs performance capabilities.

Block Storage Use Cases

- For databases and applications that require consistent I/O performance with low-latency
- Applications that require service-side processing like JAVA, PHP, and .Net
- Transaction-oriented enterprise applications like Microsoft Exchange, SharePoint, Oracle, and SAP

Object Storage Premium and Hot Performance

Object storage is the leading choice for many of today's modern day applications. It is ideal for storing unstructured data like music, images, and video files that can be geographically stored and accessed across datacenter regions.

ORock Hot Object storage is our most common implementation due to its price and feature capabilities.

Object Storage Use Cases

- Storing and managing large data sets that can be accessed and used in transactions
- Replacing older storage technologies like tape backups, particularly when fast, always-on data retrieval is required
- When data storage needs to scale infinitely while providing rich metadata to easily organize and retrieve data



Reduce your storage costs while increasing access to your data.
Contact us at (571) 386-0201 or sales@orocktech.com to learn more.