rapid
power your mission

InfiniStore

Limitless Capacity, Infinite Possibilities.

Reliable. Flexible. Secure

Contents:

InfiniStore

Limitless Capacity, Infinite Possibilities.

InfiniStore is specifically designed for data archiving in cloud environments, offering exceptional performance, versatile retrieval options, and cost-effectiveness. Similarly, Rapid's object storage service provides industry-leading scalability, data availability, security, and performance, making it suitable for customers of all sizes and industries. It is ideal for a wide range of use cases including data lakes, media assets, websites, mobile applications, backups, disaster recovery, compliance archives, digital preservation, enterprise applications, IoT devices, and big data analytics. Its purpose-built features ensure efficient and reliable long-term storage solutions.

Efficiently Manage Massive Datasets with Rapid's InfiniStore

Scalability

Seamlessly adapt storage capacity on-demand, eliminating over-provisioning and saving costs.

Security

Enforce data security and compliance with granular access control and encryption capabilities.

High Availability & Durability

Exceptional data protection through replication across geographically dispersed servers.

Object-Based Storage

Simplify data management with object-level addressing, allowing individual access without downloading entire datasets.

Cost-Effectiveness

Pay only for the storage you use, maximizing your budget.

Easy Integration

Integrate seamlessly with existing workflows and applications using industry-standard APIs (e.g., RESTful API).

Flexible Access

Access data anytime, anywhere, using various tools and applications.

Technical Specifications for InfiniStore

Storage Type

Long-term archival, optimized for frequent access

Base Protocol

Built on AWS S3 Protocol.

API Support

Compatible with API Version Level 1.

Performance

Transfer speeds and latency vary by location, minimum 10 Mbps expected.

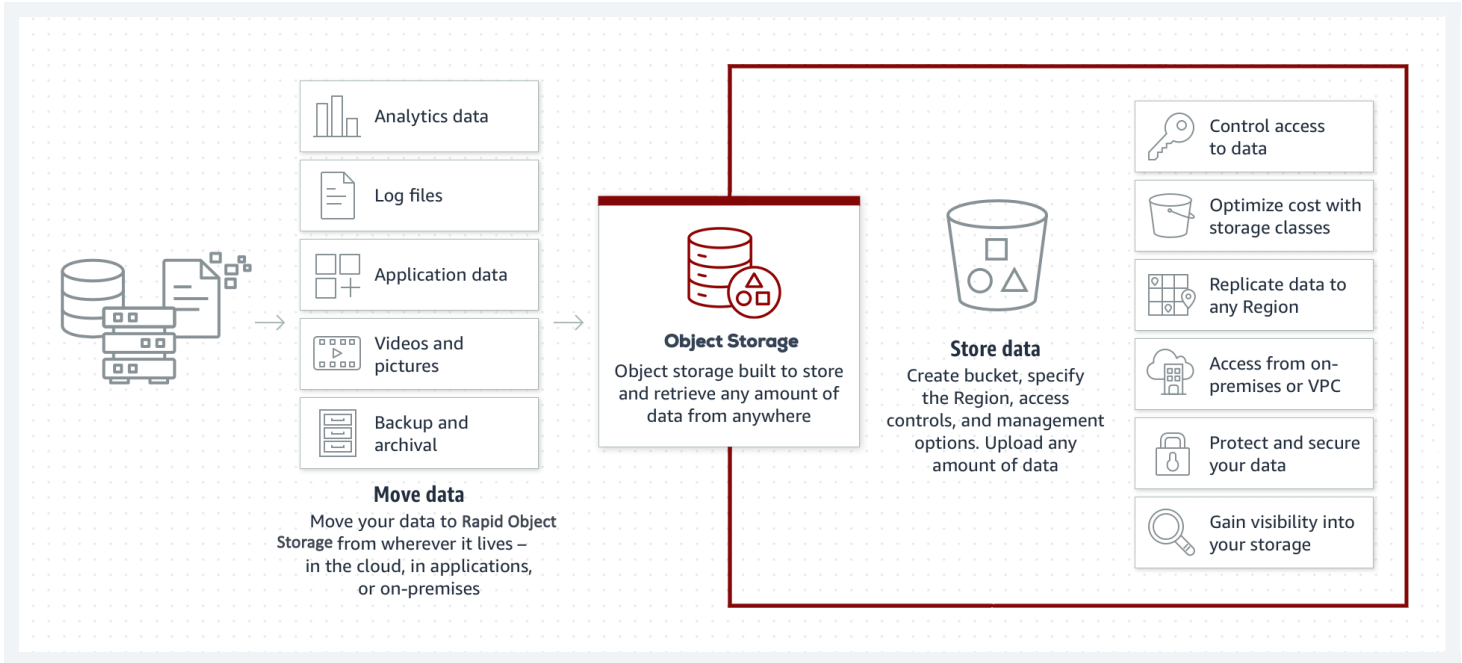
Storage Capacity

No minimum requirement; maximum capacity subject to availability.

Data Objects

Supports maximum object size and extensive metadata.

Architecture Diagram for InfiniStore



Exploring Use Cases: Real-World Applications

The versatility of InfiniStore spans numerous real-world use cases, some of which are outlined below:

Banking & Finance

Efficiently manage massive datasets like transaction logs, while ensuring full compliance with local banking industry regulations.

Media & Entertainment

Optimize storage for extensive media libraries such as motion pictures and digital images for media houses and ad agencies.

Healthcare

Secure archiving of medical images and sensitive patient records.

E-commerce

Streamline management of extensive product images, customer data, and transaction histories.

Big Data Analytics

Facilitate storage and analysis of large-scale datasets for research and analytics.

Backups & Disaster Recovery

Ensure secure and reliable data backups for comprehensive disaster recovery solutions.

Pricing and Billing Overview

Billing Components

1

Base Storage

Bucket Utilization

USD 0.1/GB

charged as per actual usage

2

Network Bandwidth

Data Transfer In/Out

USD 0.1/GB

charged as per actual usage

3

Requests*

GET, PUT, POST, HEAD, and DELETE

USD 0.0075/1000 requests

charged as per actual usage

*
- GET Request: This request lets you retrieve data from your InfiniStore bucket.
- PUT Request: You can utilize this request to upload or add new data to your InfiniStore bucket..
- POST Request: This request enables data submission to a specified resource within your InfiniStore bucket.
- HEAD Request: You can use this request to retrieve metadata about an object stored in your InfiniStore bucket.
- DELETE Request: With this request, you can remove data or objects from your InfiniStore bucket.

Billing Cycle & Payment Options

1. Monthly billing based on actual usage.
2. Payment methods include online transfer, cheque deposit and credit/debit cards.

Support and Services for InfiniStore

As the leading cloud service provider in Pakistan, Rapid recognizes the importance of responsive and knowledgeable customer support. Our support experts are accessible through multiple channels to assist you precisely when you need us.

Email Support

For detailed inquiries and comprehensive technical assistance, please feel free to reach out to us via email at **sales@rapidcompute.com** or create a support ticket directly through our customer portal. Additionally, we offer international support from the vendor for critical cases to ensure global assistance when you need it most.

Phone Support

Enjoy the convenience of speaking with our support team in your local language. For immediate assistance, simply give us a call at our **UAN 021-111-125-683**, where our dedicated staff is ready to help with any inquiries you may have.

Live-Chat

For quick questions on the go, use **our in-portal chat** feature to engage in a live chat conversation with any of our support members. This option provides instant help and is easily accessible directly through the chat support feature on our portal.

WhatsApp

Get instant technical support over WhatsApp–just a tap away for convenient assistance. You can send a message to our WhatsApp channel on our **UAN 021-111-125-683** and converse directly with our assistants, ensuring rapid and personalized support through WhatsApp.

Frequently Asked Questions:

Q: What is InfiniStore?
A: InfiniStore is specifically designed for data archiving, offering exceptional performance, versatile retrieval options, and cost-effectiveness in cloud environments. It proves ideal for use cases such as data lakes, media assets, backups, disaster recovery, compliance archives, and digital preservation. Its purpose-built features ensure efficient and reliable long-term storage solutions.

Q: How can I access InfiniStore?
A: You can access InfiniStore via the Rapid Cloud Management Console, programmatically using our RESTful API, or through our CLI tools. These methods provide flexible ways to upload, download, and manage your data efficiently.

Q: What types of data can I store in InfiniStore?
A: InfiniStore can accommodate a wide variety of data types, including website content, backup files, archives, big data, and other applications. The service supports both structured and unstructured data.

Q: How is data secured in InfiniStore?
A: Data security in InfiniStore is our top priority. We use advanced encryption standards to secure your data at rest and in transit. Additionally, you can manage access controls and permissions to ensure that only authorized users can access your data.

Q: How is pricing determined for InfiniStore?
A: Pricing for InfiniStore is based on the amount of data stored, the level of access frequency, and data transfer out of our cloud environment. We offer competitive rates and detailed billing to ensure you only pay for what you use.

Q: Can I migrate my existing data to InfiniStore?
A: Yes, Rapid provides tools and services to help you migrate your existing data smoothly and securely from on-premises storage or other cloud providers to our object storage service.

Q: How do I track my usage of InfiniStore?
A: Our Cloud Management Console includes detailed reporting features that allow you to track your storage usage, access patterns, and operational costs. These insights can help you optimize your usage and costs.

Q: What is the maximum file size I can store?
A: InfiniStore can handle files of any size, from small documents to large data sets of several terabytes in size. There are no limitations on individual file sizes within our object storage.

Q: What kind of support can I expect with InfiniStore?
A: All users of InfiniStore receive 24/7 support from our dedicated team of experts. We offer support through multiple channels, including phone, email, and a live chat system on our website.

These FAQs can be tailored further to match more specific aspects of your service as needed.

Glossary

API (Application Programming Interface): A set of protocols and tools for building software and applications. API support in Rapid's Object Storage allows for seamless integration with existing workflows using industry-standard interfaces like RESTful API.

Archival Storage: Long-term storage for data that is infrequently accessed. Rapid's object storage provides archival storage solutions with frequent access capabilities, suitable for various applications including compliance and digital preservation.

Bucket: A container within object storage where data is stored. Buckets are used to manage and organize data within the cloud storage environment.

Data Objects: The fundamental units of storage in object storage systems. Rapid supports large sizes and includes object metadata for additional contextual information about the stored data.

Data Redundancy: The replication of data across multiple geographically dispersed servers to ensure high availability and durability. This protects data against infrastructure failures and other disruptions.

Durability: Refers to the ability of the storage system to ensure data remains intact and accessible over time. Rapid achieves high durability through extensive data replication strategies.

Encryption: The process of encoding data to secure it from unauthorized access. Rapid uses encryption protocols like AES-256 to protect data both at rest and in transit.

GET/PUT/POST/HEAD/DELETE Requests: HTTP methods used to interact with data in the storage. These include retrieving, uploading, submitting, viewing metadata, and deleting data or objects, respectively.

High Availability: The design and implementation of systems that are robust and continue to operate even if some components fail. Rapid ensures high availability of data through redundant storage across multiple locations.

Object-Based Storage: A data storage architecture that manages data as distinct units called objects. Objects are stored in a flat address space and each object is identified by a unique ID.

Performance: Refers to the speed at which data can be accessed and transferred from the storage system. This includes metrics like latency and transfer speeds.

Scalability: The capability of a system to handle a growing amount of work by adding resources. Rapid's Object Storage can seamlessly adapt storage capacity on-demand.

Security and Compliance: Measures and protocols to protect data and adhere to industry standards and regulations. This includes data privacy, access controls, and achieving certifications like SOC 2 and HIPAA.

Storage Capacity: The maximum amount of data that can be stored in the system. Rapid offers flexible storage capacities that adapt to customer needs.