

Storage

Object Storage



Object-based Storage Allowing for Easy Access and Storage of Diverse Data Types

Object Storage offers a simple way to store and retrieve data for users, as well as making data management easy with the URL-based access method. It is great for accessing and retrieving large amounts of data and supports encryption and object versioning. Data can be accessed over the internet via public URL or secured with private URL.



Compatibility with S3 API

Restful API helps users locate and access applications fast and easily. Since it is compatible with Amazon S3, it can be easily downloaded from Amazon S3-native applications. By uploading/downloading data through the console, users can use Object Storage in various operations.



Robust Security

With various features such as encryption(SSE-S3), resource access control, and access control of public or private URL, Object Storage offers secure data storage of user data or backup data for service recovery. Also, it ensures secure access through encrypted URL using HTTPS.



Cost Efficiency

Object Storage does not require users to specify the bucket size in advance. With Object Storage, users only pay for the capacity they use, providing storage at a low cost.

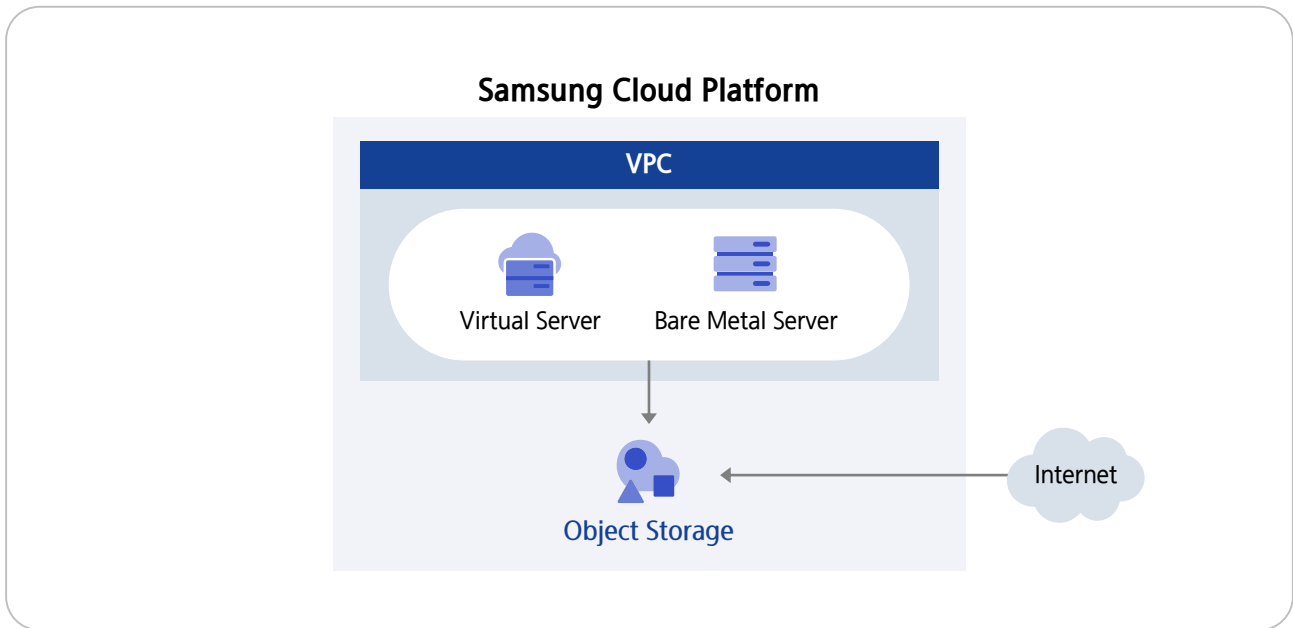


Replication

Replication can be performed in buckets in different locations or in the same location, and multiple replication policies can be set. It allows a service to be continuously delivered without interruption even when an original bucket is inaccessible due to a failure or a natural disaster.

※ Data replication between regions incurs network fees.

Service Architecture



Key Features

- **Bucket creation and object upload**
 - Bucket encryption
 - Uploading objects(photos, videos, etc.) to buckets or folders within buckets after creating buckets
- **Setting up bucket properties and encryption**
 - Providing SSE-S3 encryption
 - Applying encryption to created files
 - Enabling versioning to list the versions of an object
- **Access control**
 - Granting access to only authorized IPs by IP filtering
- **Monitoring**
 - Monitoring the total number of files, data volumes(bytes), and HTTP method calls

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