

Outscale Storage Solutions



Features

- Security
- Flexibility
- Reversibility
- Data Sovereignty

Outscale offers secure, reliable and scalable on-demand storage solutions. With our cloud-based storage, organizations can access additional storage capacity in just minutes. The move to cloud storage eliminates the acquisition and management costs associated with buying and maintaining your own storage infrastructure. Businesses are increasingly expanding their investments in cloud storage, which allows them to access data anywhere at anytime, scale globally and become more agile.

The Growth of Data-Intensive Applications

With the emergence of customer experiences at the heart of business strategies, Big Data projects, Data Analytics and the use of large databases are currently in full swing. These applications are critical and demand high volumes of data storage, which also requires appropriate cloud infrastructures. The latency related to data transfer and real-time updates has a large impact on production time. Customers require increased performance and flexibility to easily scale resources to meet their needs and the recurrence of projects.



Outscale Storage - Robust, Secure and Scalable Solutions

Outscale offers two secure storage solutions that provide flexibility and scalability:

Object Storage Unit (OSU) - Object-based storage allows you to store and manage your files with confidence in a replicated and highly available manner. It is scalable on demand and accessible directly via HTTP(s). It also can be manipulated by APIs in an identifiable way. OSU is mainly used for data that changes infrequently but can be accessed and reviewed regularly. Outscale OSU is optimal for large files as well as for web applications. OSU is also an excellent solution for static files, such as those used for websites (i.e. CSS files, images, javascript code, etc.)

Benefits:

- **Ideal for Large Objects** - you can store all types of files on OSU (Documents, Backups of databases, Multimedia, Archives, etc). OSU hosts large files
- **Simplified Management** - you can set up your own secure drive with ease and add the storage capabilities you need
- **Geolocation of Your Data** - you choose the geographical area to store your data, benefit from the high availability and low latencies
- **Confidentiality of Data** - we preserve the confidentiality of your data and information in compliance with the policy of digital sovereignty
- **Simplified Scalability and Instant Agility** - Outscale OSU is available and integrated into the "Overflow on Object Storage" as part of the NetApp AltaVault application
- **Easy Deployment of the Solution on Different Cloud Architectures** - whether you choose public, private or hybrid cloud, OSU integrates your architecture perfectly
- **Resilience of Data Access** - your data is copied three to six times to maximize its durability

Block Storage Unit (BSU) - Block storage is based on standard or SSD technology designed to increase and guarantee the speed and quality of the response time to critical requests in terms of IOPS. It is chosen by companies to create and attach storage volumes in block mode to their virtual machines (VMs), allowing better elasticity, on-demand flexibility and high availability.

Benefits:

- **Elasticity** - create storage volumes and add them to your VMs with ease
- **On-Demand Flexibility** - quickly scale your block storage capacities according to your needs: up to 36,000 IOPS per VM and 16 TB per volume
- **Data Backups** - your data is backed up and recoverable through copies or snapshots of your disks
- **An Optimal Availability Rate** - the storage infrastructure in block mode provides an availability rate of 99.7%. This is based on a multi-bay and multi Data Center replication system

You can choose from three types of BSUs:

- **Magnetic BSU**, a part of the Standard HDD storage - It is a block storage that is designed for cold storage tasks that do not require a large number of IOPS (less than 250 IOPS in write mode and 150 IOPS in read mode)
- **Performance BSU**, an Optimized SSD storage - This solution is based on SSD technology and brings you up to 3,000 IOPS max in burst for volumes below 1TB. BSU volume varies from 1 to 16 TB disk size and configurable number of IOPS

- **Enterprise BSU**, a Standard SSD storage with guaranteed performance - This scalable storage solution is based on SSD technology provided by NetApp for workloads requiring significant levels of IOPS, with better performance

Outscale Cloud Security

When you choose to store your data in the cloud, security is often a key consideration. It is very important to select a vendor whose solution is centered on security. You need to find a cloud provider with the right certifications and cloud experts available to guide you along the way. It is also necessary to understand the limits of the network and the SLA of the provider. Therefore, you will have a better understanding of the issues and the realities of the Cloud, allowing you to establish the best strategy for your business.

Your data should be stored in several installations to avoid any risk of data loss and ensuring data reliability. Your data must also be available at any time or can be accessed within a reasonable period of time depending on the cost of recovery. Most of all, your data must be encrypted so you will no longer have to question the security of it.

Outscale's security strategy focuses on simplified management of resources in the cloud. In order to save data and recreate similar volumes, data is stored and recoverable at any time for object storage (OSU), and volume snapshots are created at any given time for block storage (BSU). Our enterprise-class data centers allow us to offer high capacity storage solutions, guarantee data protection and respect digital sovereignty.

Why Outscale

- **Enterprise-Class Hardware** - An enterprise-class infrastructure built on market leading technologies with support from our partners: Cisco, Intel, NetApp, Nvidia and MapR.
- **Interoperability With Other APIs** - You can easily and painlessly migrate from/to other cloud providers using open APIs. There is no need to stress about rewriting all the code.
- **Flexible Billing Options** - You have the option to choose how you want to be billed. Whether it's pay per second, per minute, per hour or an monthly fee, you choose whatever makes most sense to you and only pay for what you use.
- **Data Backup** - Your data is backed up and can be recovered through copies or snapshots

Contact Us

Contact us at contact-us@outscale.com or +1 (212) 739-9244 to learn more about our solutions and pricing options.

