

PRODUCTS AND SERVICES

STORAGE AS A SERVICE

Securely store and protect your data with high availability and flexibility, guaranteed performance, and no hardware investment required.

Constantly increasing data volumes places a great responsibility on information storage centers. Data is undoubtedly your company's most important asset and special attention should be paid to how it is stored.

Solution

With Equinix's Storage as a Service solutions, you can manage your information with much greater efficiency and flexibility, without having to invest in equipment. By purchasing a data storage solution, you have greater control over how your structure expands and can minimize any financial risk in a totally secure environment, with availability guaranteed by contract and 24/7 support.

Use a dedicated network or take advantage of existing infrastructure

By using Equinix's Storage as a Service for your data, you optimize the use of storage capacity, facilitate data access and improve the security of your backups. With the Network Attached Storage (NAS) service, data access is performed through an existing network infrastructure that interconnects storage devices with your servers. If you need more performance, we have an exclusive network available for data exchange. Equinix's Storage Area Network (SAN) has a network dedicated to this service, enabling high performance and low latency, with the ability to meet the most stringent performance requirements. Equinix's Object Storage is ideal for storage and managing large volumes of unstructured data.

Network-Attached Storage (NAS)

Equinix's NAS solution is based on TCP/IP and is compatible with the file management protocols NFS, SMB and iSCSI. This allows you to simplify your infrastructure, with low monthly cost and easy implementation, in addition to a redundant infrastructure that protects your data even in the event of double jeopardy failure. All traffic is carried on the local network, and the storage server is inside the LAN. You can also use LUNs to identify customers and partitions.

Storage Area Network (SAN)

With the SAN solution, data is stored in a highly robust and secure infrastructure, with fully redundant network topology distributed via Fiber Channel or iSCSI. The storage unit is mapped to the server, allowing for clear viewing, as if you were physically connected to the device. You can create customized solutions that meet your needs, segmenting data in different performance tiers, with guaranteed IOPS for each tier in contract. The SAN service enables asynchronous replication between two different IBX datacenters and purchase by IOPS performance.

Object Storage

Equinix's Object Storage solution is ideal for storing and managing large volumes of unstructured data, such as Analytics and Big Data. Data is organized as "objects" in buckets and each object includes the data itself, as well as its associated metadata and a globally unique identifier, instead of just a file name and path. Data is accessed via REST APIs, without the need for a local network or other method to access the saved data.

NAS Benefits

- Simplified file management and sharing
- Low cost and quick implementation
- Ethernet-based network (TCP/IP), compatible with NFS, SMB and iSCSI
- 99.5% SLA guaranteed in contract

SAN Benefits

- Greater performance and availability
- Easy scalability
- Enables asynchronous replication between two different IBX data centers
- 99.5% SLA guaranteed in contract

Object Storage Benefits

- Simple and quick data access, via REST APIs
- High performance and storage capacity
- Highly scalable
- 99% SLA guaranteed in contract

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Primary cases of use

Customer Needs	NAS	SAN	Object Storage
Space and high performance (over 1000 IOPS per connected server)		✓	
Sharing the same volume for reading/writing by different servers*	✓		
Authenticating access to volumes by user and password	✓		✓
Performing online backups	✓		✓
Creating extra volumes for archiving/storage of infrequently accessed data	✓		✓
Log storage volumes	✓		
Space, volume and capacity, with no guarantee of performance, at low cost	✓		✓
Web servers with the same static content and low transaction volume*	✓		✓
High-performance, clustered database servers		✓	
Scalable storage, such as Analytics and Big Data			✓
Data replication between sites		✓	

*Except when published via iSCSI.

Why Equinix?

Interconnection solutions: Equinix offers more than 270,000 cross connects that allow direct connection with clouds, people and places that are important to you.

Business ecosystems: Equinix has more than 9,800 enterprises in its diverse ecosystems, providing access to the right partners to reformulate IT and compete as a digital business.

Global footprint: Equinix expands your market reach with more than 190 datacenters in 52 major metro areas across 24 countries.

Density of operators and service providers: Equinix hosts more than 1,700 networks and over 2,900 cloud and IT service providers.

Tried-and-true expertise: Equinix has a record uptime of 99.9999% to prepare you for the future.

Managed services: Equinix has an IT service portfolio that can support and leverage the growth of your business throughout its digital journey. Make smart choices in your budget, optimizing IT and operational costs and strengthening your strategy for a networked business with our managed services portfolio.

About Equinix

Equinix, Inc. (Nasdaq: EQIX) connects major enterprises worldwide to their customers, employees and partners, within the most networked datacenters. Operating in 48 markets across five continents, Equinix acts as a business hub where enterprises come together to identify new opportunities and boost their business, IT and cloud strategies. Interconnection is crucial to succeed in a digital economy, in which the business models of enterprises are increasingly interdependent. Equinix operates the only global interconnection platform, creating new opportunities that are only possible when enterprises come together.

Learn more at Equinix.com.br

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