

# SECURE BLOCK STORAGE

Atlantic.Net's Secure Block Storage allows you to easily attach additional storage to your Atlantic.Net Cloud Servers. You can use SBS for your file, database, application, and backup storage needs. Designed for 99.999% availability, Atlantic.Net's Secure Block Storage volumes are automatically replicated multiple times to protect your data from component failure. You can increase storage on-the-fly and move your SBS between your Cloud Servers within the same region.

## High Performance

Combining the capacity of enterprise hard drives with NVMe SSD drives, SBS offers the perfect balance of capacity and performance for any storage needs.

## High Availability

Designed for 99.999% availability, SBS volumes are automatically replicated multiple times across a redundant and highly available cluster of storage servers to protect your data from component failure.

## Flexible

Add, attach, detach, and move your SBS between your Cloud Servers in the same region for the perfect mix of compute and storage for your files, databases, applications, and backups.

## Scalable

Increase storage space by dynamically scaling each of your Atlantic.Net's Secure Block Storage volumes up to 16TB.

## Secure

SBS volumes are automatically encrypted at rest and are connected to your Cloud Server over an isolated storage network.

## Simple Pricing

Straight-forward, all-inclusive pricing: 7.9 cents per GB per month. Volume and term discounts are available.

### SBS Specifications:

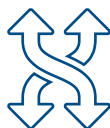
- ✓ Volume Size: 50 GB - 16 TB per volume (In 50 GB increments)
- ✓ Max volumes per server: 8
- ✓ Max IOPS per volume: 500
- ✓ Max Throughput per volume: 500 MB/s
- ✓ Max Throughput per server: 1,750 MB/s
- ✓ Burst up to 250 MB/s per TB



**High Performance**



**High Availability**



**Flexible**



**Scalable**



**Secure**



**Simple Pricing**

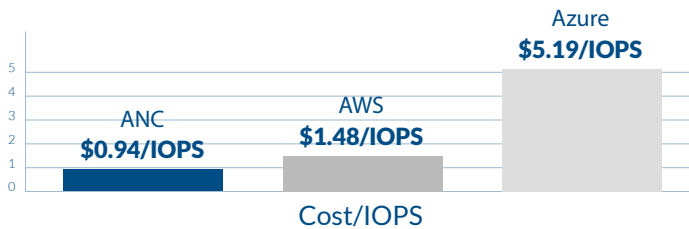
# SECURE BLOCK STORAGE

## Block Storage Cost Comparison

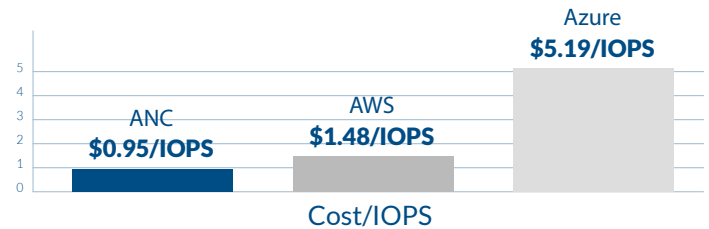
Here are the costs per IOPS based on the measured 2TB volume performance:

Atlantic.Net ANC SBS vs. Amazon AWS EBS vs. Microsoft Azure Managed Disk

**Atlantic.Net is up to 5.2x better value per IOPS**  
Cost/IOPS - Sequential Read  
Lower is better



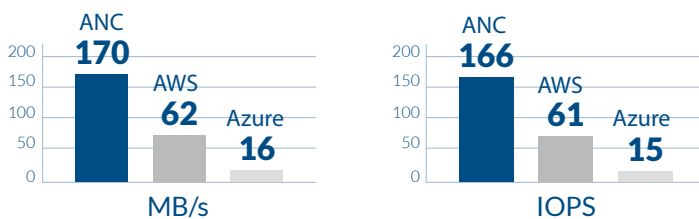
**Atlantic.Net is up to 5.46x better value per IOPS**  
Cost/IOPS - Sequential Write  
Lower is better



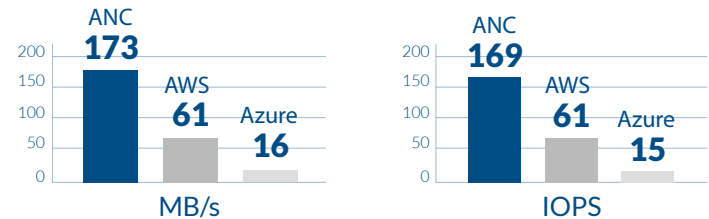
## Block Storage Performance Comparison

Atlantic.Net ANC SBS vs. Amazon AWS EBS vs. Microsoft Azure Managed Disk

**Sequential Write**  
Atlantic.Net is up to 11x Faster



**Sequential Read**  
Atlantic.Net is up to 11.3x Faster



### Tested configurations:

Atlantic.Net: G2.4GB server, 2 TB SBS

Amazon AWS: t2.medium server, 2 TB EBS

Microsoft Azure: B2s server, 2 TB Managed Disk



## Find Out More?

Atlantic.Net stands ready to help you attain fast compliance with a range of certifications, such as SOC 2 and SOC 3, HIPAA, and HITECH, all with 24x7x365 support, monitoring, and world-class data center infrastructure. For faster application deployment, free IT architecture design, and assessment, visit us at [www.atlantic.net](http://www.atlantic.net), call **888-618-DATA (3282)**, or email us at [sales@atlantic.net](mailto:sales@atlantic.net).