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.

**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.

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

**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 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.

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

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

**Block Storage Performance Comparison**

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<th>Atlantic.Net ANC</th>
<th>VS.</th>
<th>Amazon AWS EBS</th>
<th>VS.</th>
<th>Microsoft Azure Managed Disk</th>
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<td>AWS 62</td>
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**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