



Amazon Elastic Block Store

Persistent block storage for Amazon EC2

Definition(s)

Amazon Elastic Block Store (Amazon EBS) provides persistent block storage volumes for use with Amazon EC2 instances in the AWS Cloud.

	Name	Max Size	Base IOPS	Burst IOPS	Max IOPS	Max Throughput
gp2	General Purpose SSD	16 TiB	3 IOPS/GiB	3,000 IOPS	10,000 IOPS	160 MB/s
io1	Provisioned IOPS SSD	16 TiB	N/A	N/A	20,000 IOPS	320 MB/s
st1	Throughput Optimized HDD	16 TiB	N/A	N/A	N/A	500 MB/s
sc1	Cold HHD	16 TiB	N/A	N/A	N/A	250 MB/s

Resource	Def Limit
Number of EBS volumes	5,000
Number of EBS snapshots	10,000
Total volume storage of General Purpose SSD	20 TiB
Total volume storage of Provisioned IOPS SSD	20 TiB
Total volume storage of Throughput Optimized	20 TiB
Total volume storage of Cold HDD (sc1)	20 TiB
Total volume storage of Magnetic volumes	20 TiB
Total provisioned IOPS	40,000