

EC2 Storage

Elastic Block Storage

1 EBS to 1 EC2 Instance

Types

SSD

Provisioned IOPS SSD - IO1

greater than 10,000 IOPs

up to 20,000 Iops

General Purpose SSD - GP2

10,000 IOPS max burst

3 IOPS per Gig

Magnetic

Throughput Optimised HDD - ST1

Sequential

Data only

No Boot

Standard

Bootable

Low Access

Low Cost

Cold HDD - SC1

Low access and cost

No Boot

Automatically replicated to another item in AZ

Delete on termination

Deleted if checked

Management

Changes without downtime

Upgrade type

size

All types except standard magnetic

create volume

Copy to AZ

Create Image

Deploy on another instance

Snapshots

Region specific

Stored on s3

can be shared

access permissions

Incremental

OS based volumes

Placed in a AZ

Instance Store

Temporary storage for VMs

Ephemeral storage

cannot be stopped

loses data

terminated

deleted unless requested for root

can be rebooted

non persistent