* S3
* EBS
* EFS
* Glaciar
* Storage Gateway

Block Storage

1. EBS
2. Fast read/write operations as change

Object Storage

1. S3
2. Write once and Read many times, Object Storage is better
3. If read/write happening at the same time, then it’s not feasible.

S3

1. Replicated within AZ and could be mounted to one EC2 in the AZ.
2. Dump operations
3. Scalable, size not be planned
4. Writing continuously such as
   1. Log files injestion
   2. Static web content deliever
5. Not Suitable
   1. Hosting OS
   2. Database
6. 5 TB is max file size.

EBS

1. Solid State drives attached
2. EBS is only access by the system, connected to it.

EFS

1. Shared File System, Can be access by inside AWS and external/on site premise systems.
2. Replicated across AZ in a region
3. Could be mounted to on premise server as well (over VPN or Direct Connect)
4. Can be mounted to multiple EC2 at the same time
5. No sizing to be done (unlike EBS), its same as S3 in scaling and sizing

Glacier

1. Low cost Archival of huge data.

Storage Gateway

Used to Safely move my data from local environment to cloud.

Keep a copy of the local data

Snowball

Data import/export system

Snowball Edge

Hardware which is ship to our premises, where we can copy the data from amazon and ship it back.

Snowmobile

1. Really Huge Data
2. Datacenter on a truck, loaded with data center,
3. Lot of storage, compute, electric capacity.