**BLOCK STORAGE (Storage area network)**

* Storage is divided into equal no of even blocks.
* Stored in blocks.
* Has associated index num(address) as address.
  + Ec2 would have block storage
  + Operating system is stored in the block storage
* Oldest and the simplest data storage.

**VOLUME**

* Volume would be attached to blocks.
* It can be attached or detached to completely different applications.

**ADVANTAGES**

* Is the fastest kind of storage.
* We can make incremental changes to the data.
* Data is replicated 3x times.
* High availability and fault tolerant.

**USE CASES**

* Used for database storage.
* Has high read and write speed.
* Used for backup.
* Give persistence storage

Diagram

Description automatically generated

A picture containing text, sky, different

Description automatically generated

Diagram

Description automatically generated

**BLOCK STORAGE**

* Stored as whole (Never be divided into even blocks).
* The object can be the file, music or the meta data or GUID,
* Meta data information of the file can be stored with it.

Diagram

Description automatically generated

Table

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