**Storage Gateways**

* Storage gateway is a tool that will allow s3 to be presented as block storage via the iscsi interface so db servers / applications can use it to store data but in real in the backend it will making a chunks of db (objects of certain size) and store on s3.
* S3 can act as a storage media even for block storage via storage gateway.
* S3 as backup location in terms of tape
* Cached volume gateway - Using AWS as “STORAGE SOLUTION” .. is storing all the data from the gateway device to s3 and just keeping the latest as cache locally
* Stored volume gateway – Using AWS as “BACKUP SOLUTION” data is storing on local volumes and gateway will be async backing up snapshots to AWS s3.
* File gatway data in s3 can se accessible via console but data from cached / stored volumes is not accessible because its in block / chunks.
* VTL gateway is to backup virtual tapes to S3.
* VTS – virtual tape shelfs 🡪means the VT are in glacier