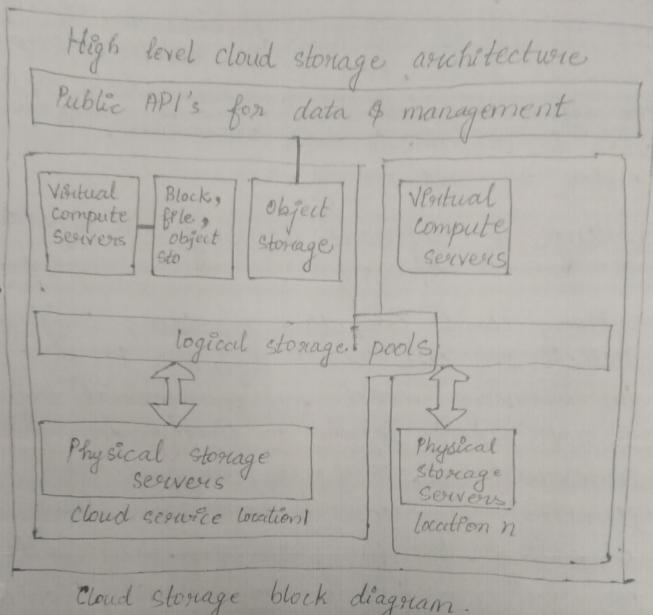
## Cloud Storage



Cloud Stonage block diagnam.

\* Cloud storage means storing data with a cloud provider instead of a local System. Cloud Storage Bossesses a numerous advantages when compared to traditional data storage. If the users priefer to store that stored data that stored data

from anywhere, provided one is connected 46 through the internet.

Houd storage systems use hundreds of

\* Cloud Stonage systems use hundreds of data sowers. Since sowers need maintenance, it is negle to stone the saved data on several machines to have needundancy.

Puf. from anywhere at given point of time with the help of wednedarry.

\* Cloud storage defines a service model where the data is maintained, managed, has remote back-ups, and is made available to the users with the help of internet.

Storage as a Service (STaas):

Storage as a service is a husiness model in which a comp. Hents space in their storage inf. to another comp. or Individual.

A Who uses storage as a service and why?

Storage as a service is usually used by small or, mid-seized companies that the budget to implement & maintain their own storage infractionalities.

Organizations use storage as a service to stitigate sisks in disaster secovery, privide long-term retention q enhances business Continuity & availability. (b) How storage as a service works? The company would sign a service level agreement (SLA) whereby the STaas provider agreed to nent storage space on a the company's data would be automatically the storage provider's proprietary
WAN on the Internet. If the comp. ever loses its data, the net, administrator a copy of the data. provider & nequest (c) Benefits of Storage as a service?

\* More predictable costs by shifting from
Captx & Optx. + Ability to manage growth & optimize + Simplified storage env. 9 Enc. Prf. availability, netention, 4 compliance. Adaptive delivery models with onsite 9 nemote manag. flexible consumption models aligned to customers business

## \* Advantages of Cloud storage:

- (i) Usability: All cloud stonage services services services folders for Mac's & PC's. This allow users to drag & drop feles b/w the cloud storage & their local storage.
- lii) Bandwidth: you can avoid emailing files to individuals & instead send a web link to newpents thorough your email.
- (iii) Accessibility: Stoned files can be accessed from anywhere via Internet connection.
- (iv) Disaster Recovery: It is highly necommended that businesses have an emergency backup plan neady in the last of an emergency. Cloud storage tan be used as a back-up plan by businesses by providing a second copy of Emp. feles. These files are stored at a nemote location 9 can be accessed through an enternet connection.
- (v) Cost Savings: Businesses & ong. can often steduce annual exerating costs by using cloud storage; cloud storage costs about 3 per cents gig abyte to store data

internally. Ikers can see additional cost power to stone enf. nemotely. \* Disadvantages of cloud storage. (i) Vsability: Be careful when using drag! drop to move a document ento the cloud storage folder. This will permanently more your document from Its Original folder to the cloud crossage cocation. Do a copy & paste Enstead of doing / doing Original want netain to the document's original location in addition to moving a copy onto the cloud storage folder. Bandwidth: Several Cloud storage services have a specific bandwidth allowance. if an organization surpasses the given allowance; the additional Charges would be segnificant. However, some providers allow unlimited bandwidth, This is a factor that companies when looking at a cloud storage provider. iii) Accessibility: If you have no' internet your data. How have no access to

Data Security: There are concerns with the Safety & privacy of Emportant data Stoned remotely. The possibility of private data commingling with other Organizations makes some business uneasy. If you want to know more about those issues that govern dotte security & privacy, here is an int. auticle on the necent privacy debates. Software: If you want to be able to manipulate your files locally through multiple devices, you'll need to download the service on all devices.