streaming cloud v The cloud streaming solution allows elients to stream their videos helps alient a streaming media server. A cloud streaming solution relps clients leverage any type of streaming format and improve end user experience while reducing their time and effort to market. cloud streaming serves also connected to content delivery network(en) servers for fast content delivery access the globe and encoding or transcoding servers for matter delivery access the globe and encoding or Frank and servers for on demand media frankcoding. Amazon cloud along with a con Elastic Frans coder are some popular cervices used along with a streaming service cloud front is for content delivery with high transfer speeds, whereas Franscodes is for media transcooling. cloud streaming is designed for customars with following requirements. a) Video streaming - thility to stream media file b) On deman scalability; streaming capacity accessible whenever needed. as Entance Streaming performance, High and Confinuous Streaming over the Internet, d) alobed reach; streaming points accross the globe. CDH server Enlading francoding client web. Cloud Mobile Internet >> Internet Phones storage Torblets Fig. Cloud streaming

Working of cloud streaming

1' It works on an on-demand basis according to the reverse proxy technology.

2. Users do not need to deploy all multimedia files on a streaming server because of this severse proxy technology, It work on an on-demand streaming so you just need to host multimedia files on the HTTP Web Server .

3. Because streaming servers are connected through a CDN network Whenever end oser's request for streaming Content, they are imme-- dialely redirected to the nearest edge streaming servers. It edge server does not have the content at that time, it momediately initiates an HTTP life request for retrieving the Content from the HTTP Web server or cloud storage repository.

Ket Teatures of cloud streaming 1. Reliable, sealable and lighter formance streaming.

2. Support for all types of players, 3. Streaming is possible using native platforms.

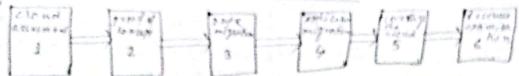
4. No additional or costly hardward or software setup are required to enable streaming media

5. Contintous integration with cloud storage for storing multimedia files to ensure 24x7 x 365 availability.

b. Live streaming facility for live events using any types of streaming format. 7. Secure streaming and access policies to content, geographic or IP addunt to cation.

8. Maintenance of log delivery or FIP of streaming log files.

Best practices do Porte a service sugration



Ir cloud assessment

In this place, one enterprise patters the business requirement to more to the cloud intercipy the cloud adoption french to the market of the direct step is to among the whether. The business weally needs around a deption around assessment includes dividing out the type of cloud deployment model scripable to the enterprise's business demonst and life of cloud service models requirement.

The first of concepts identifies the right cloud provides and cervice it is time to validate the business case on actual cloud environment. The first tional of com he lessed with a small size cloud instance, and a small data base. It is mondetory to see the capacity of the cloud service provides and the performance of the migrated application. Some first required while building a proof of concept

- Jesting of cloud infrastructure - Jesting of office of cloud cerviling - Mon-functional testing of deployed cloud opplication.

In this place, the actual mapping of the cloud resources is done on the basis of the business requirement.

9+ divided into two categorites:

as Forklift migration strategy: - 17 an enterprise wished to more its application in one shot Metter than in parts, then the forklift strategy is occid. This required very minimal coole Changes and is prespersed for traditional opposentions size is stationes and statiff cupled application

b) Highered moradon strategy! - Using this strategy application can be morad in parts. This is mostly suitable for high intrastru

· chure system i

once an enfergrise has successfully migrated to the cloud, run the required tests and is assured that everything is working as expected. efter that analyse how leverage bene fits the cloud computing in load balancing, auto scaling. Content caching, classicity and automation.

6. Resource optimization.

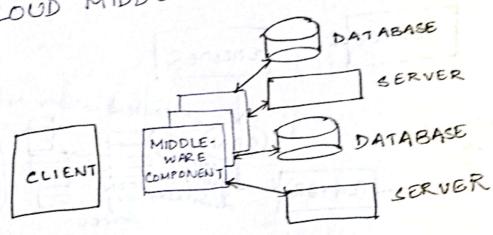
It is a Continue from It should always strive to lower its

costs and increase speem performance, whenever possible.

To do this, various cost and capacity - assessment tools are

available.

CLOUD MIDDLEWARE



CLOUD STREAMING

