1) cloud . Components:

client: Louter of march & bish 20.

Mobile, terminals, computers, Laptop

exercise Letellite

Benefits:

stellauer hordware Costs

& Lower IT costs

*Security

a Data Security

Aless power consumption

A Easey of repair or replacement

Data centers:

* Collection of Servers, where

the application is housed.

It could be in large

room in the basement of your

building

VPrtualizing Sorvers:

Mosoftware can be postalled in the multiple instances of vertual. Servers and a dozen of vertual Servers can run on one physical Server

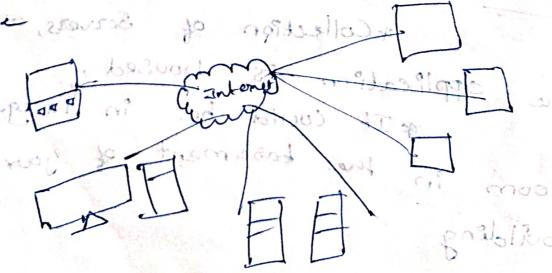
Distributed Servers.

be in geographically disparate

locations.

Ster, causing a failure Service Can be accessed through another Site

then they can add them at another site was to relieve



* Faiser group Collaboration

Cons:

of It requires a Constant Internet Connection

of community doub

of Data relability und sildus de

refeatures might be limited restored data might not be secure a Does not work well low-speed ? Connections.

constant source offers have some sources

25020 813 Aug 1913

refers to the location and refers the Cloud Profrastructure management of the Cloud Profrastructure

: 20C

ento jour different types. Hey are

opprivate cloud of solid a public cloud linder state of community cloud and a Hybrid Cloud.

*Public Cloud:

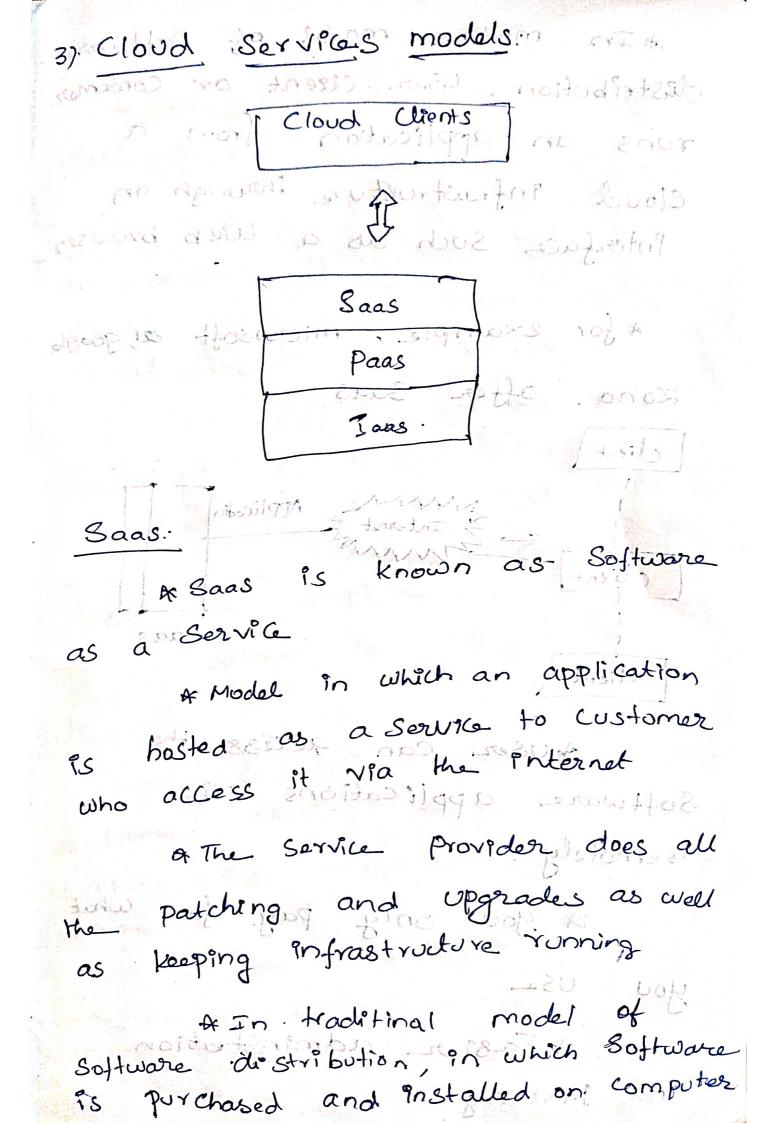
is made available to the general public.

rIt 15 owned by an organization Selling cloud Services.

a public cloud is a huge data centers that Offers the Same services to all its users.

* Pay for what user use invitor Mar Good for application development testing and deployement Aprilate doud: The cloud infrastructure is operated and organized by a think Single Organization & Data is highly secured. When Compared to public doud USa 9 and destitus organizations private cloud - sroin Prince 18 Cons of PC; ox Highly investment. * cost effective wold processes are not Suitable my Mynord & issure to

& Community Cloud: dans AThis cloud infrastrud monthered PS Shared by Several Organization #If may be managed by The organizations or a third party. La bezinegro bas Boinsogo a Hybrid Cloud: to The cloud Enfrastructure buols. composition of two or Clouds, that enables data is a more brake cloud Sharing orgnaziation orgravzi otro a



at In modern model of Software distribution, User, Went or Consumer runs an application from a Cloud Infrastructure. Through an Porterface. Such as a Web browser Sans * for example microsoft au google offer Saas Application Internet Stranger Application Stranger dient 1 Divs Saas notheriently as within at John A sumutrus of Driver accession Janusez Can Software applications avia Wire emotely control with and only pay for what reading supertablished building July & Easier adminstration and invocing took boarding

paas:

A Paas nois also, known as platforms as a Service

Mary The Company

explatformias a service is an another application delevery model and also known as Cloud-ware. sporote son to

A IL supplies all the resources required to build applications and Services completely from the Internet, without having to download or Install Software

a paas is closely related

to Scas.

Aservice includes: Application design, development, testing, deployment and hosting, team collaboration, web service integration, database integration, Security, versioning etc. destate construction of the physical

or pay contractry to billing & Eg: aws, azure, goglen about ap I aas is also known as a sorvices of the

Paas

rooms to store data's.

Known as data center's

Client black of terror physical sorver client black of terror physical sorver to terror physical

Actighty Cost effectives shi

Sorver, Dedicated virtual Server Shared Virtual Server cloud services and platform: graws - Eca Instanstes. y Lambola D Ami S Aws storage.

& azure

DAPP Service & Azure Quantum I kubernetess. & Cosmos DB. JAZURE SQL. I virkal machine

Google Mond: 2 gmap 1) firestore V NLP. & kup & CDN V storage.