

81.	Deployments models of cloud are as follows:
	(a) PUBLIC CLOUD
	(b) PRIVATE CLOUD
	(C) HYBRID CLOUD
	(d) COMMUNITY CLOUD
$\rightarrow$	A prival- cloud uses vintualization technology to
	ombine resources sourced From physical hardware into
	shared pools. Due to this the cloud doesn't have to
	creat environments by vintualization resource one
	at a time from a bunch of different physical
	systems.
$\rightarrow$	Adding management software give admin control to
	infrastructure, application etc that will be used helping
	cloud admins & optimize use.



82.	There are 3 cloud service models:
	(1) SAAS - It is a software methodology that
	provides licensed multituat acess to
	software and its functions nemotily as
	a web based servar.
	(11) PAAS - It provides all the facilitates required
	to support the complete life cycle of
	building and delayed web application &
	services entirely from inturnet.
	(111) IABS- It is the delivery of technology inhasture
	as a demand scalable source
	- It provides self contained. It environment
	TAAS is suitable for storing large amount of data
	and performing heavy computation task of scientific
	nesearch lab.



83.	VIRTUALIZATION - 11's on ability to sun applications,
umlea	operating systems on system survices in
	a logically distinct system services in
	a environment that is independent of
	a specific physical compulor system.
	TYPES OF VIRTUALIZATION
1	great will bedieve to the bound of allowed lines bear
(1)	APPLICATION VIRTUAUZATION - It is the process of compiling
.0	application into machine indepent
	byte code that can be executed
	on any system.
	Eg. JVH
(11)	DESKTOP VIRTUALIZATION - Ability to display graphical
	desktop from one computer system
	on another computer system.
	Eg. Microsoft's memor desktop
(111)	METWORK UIRTUALIZATION - It refus to network siesowie
	logically somether than having
	network devices.
	To the transfer of the state of
	Few others types are SERVER MACHINE VIRTUALIZATION,
	and STORAGE VIRTUAUZATION, etc



ता २३॥ को २३	XEN VIRTUALIZED ENVIRONMENT - It is an open sound paravintualizediop lechnology - It supports several os.
	basgabai si todi imaganiwas a
18	HENVIRONMENTS AND
	(1) Yen hyponisome
	(11) Domain o Guest - It is modified linux kennel
	(111) Domain U Cruest - It has no access to physical hardw.
	(iv) unum Guest - 11 does not have the PV driver.
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	IIVT p3
	my picked vierophiene Aprilia to display garaphic
mile	desktop farm one tompulna e
	military adaptions as
	eg Honoroft & stemote des
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84.	CLUSTER COMPUTING - It is a set of computers that work
	together so that they can be viewed as
	a single system. A computation process
Hasto	on such compulur network ie cluster is
	called cluster computing.
	there coming parting termines some 70
	CLUSTER COMPUTING GIRID COMPUTING
	- Nodes must be homogenous - Nodes can be homogenous on
	hetmogenous
	- computure in a cluster cure - computur in a grid contribut
	dedication to some work their unused processing
	nesources to one network.
	- they are in a centralised - they are in dishibuhd on
	network topology decentralized network topology
	- compuls are close to each - compuls may at huge
	other & are connected by distance and connected by
	high speed local area network a low speed.
	bus.
	RESOURCE POOLING ARCHITECTURE - A Mesource pooling achinit.
	is based on use of one
	on mone nesounce pool,
	in which identical 17
	nesource are grouped &
	maintained by syskm that
	automatically ensures syncing
	Examples
	→ storage Service Grationy
	→ Vintual serven pool, storage pool, network pool

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<b>&gt;</b>	Resource pools can become highly complex with multiple	1
20 6	pools created for specific cloud consumers or application	20
8,2310	a single system. A tomputation of	
240	A hinarchical structure can be establish to form par	ent
	sibling & needed pools in order to facilitate organiza	atio
	of diverse accounted pooling nequinements	
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