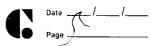
UNIT - 5



	Page
	INFORMATION STORAGE ON CLOUD
(1)	Concept of Cloud -
	The term'cloud has been used historically as a metaphor for the Internet.
3	Cloud computing -
	It is a model for enabling convenient, on-demand network access to a
	shared pool of configurable computing resources (eg-networks, sewer, storage, applications
	and reuses) that can be rapidly provisioned and released with minimal management
	effort er seuvice provider interaction.
(3)	Storage on Cloud -
	Cloud storage involves storing your data with a cloud survice provides nother than on a local system. Data stored on the cloud is accorded via an
	Internet hink.
4	Architectural Framework.
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
	FRUNTTEND CLIENT DEVICES User Access Therfore
	1
- 1	INTERNET
	1 CLOUD SERVICES
	BACK-END (Saus, Pous, Ious)
	CLOUD HARDWARE CLOUD SOFTWARE
	(Server, Storage, interconnectivity, (cloud 08, middleware, security tool
	devices) management tools)
:	Claud Tal start of
	Cloud Infrastrultue layers - SERVICES
To provide the second	SERVICE MANAGEMENT
	AGGREGATION LAYER (Cloud OS)
	VIRTUALIZATION LAYER VIRTUALIZATION LAYER
	SERVERS STORAGE NETWORK SERVERS STORAGE NETWORK

(5)	Cloud benefits -
	1 Recluced I Toot . 3 Flenible raling 3 her energy communitation
	1 Recluced I Trost (3) Flerible realing (5) her energy communities (8) helport brunners agility (4) High avoidability
	1' 0 0 0
6	Cloud computing Evolution - Refer Unit 1 of cloud compution that is
	Historical developments (Withehates hysten, Vintuelization, Web 20, service oriented
	confuting, Utility orwited computers).
9	Applications & remais on cloud -
	Cloud services are
	(1) In cloud execution (5) Pricing
	(2) Accend via Tritunet (6) Usu Interface
	(3) Minimal / no IT skills to "implement" (7) System Interface
	(4) Provincing (8) Shared renounces
	Cloud application one -
	(1) Enterprise volutions -
·	- Transactional data on high performance file sharing application & - Amazon E
	- Cloud storage Infrastruline & EMC Atmos
	(2) End-iner robutions -
	- Rich Internet applications and online service providers by- social media rites.
	- Online data backup. Eg - Nozy online backup.
	' (' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
8	Cloud service, himsoless and models - Refer Unit 2 of cloud computing that is
	Cloud service provides and models - Refer Unit 2 of cloud computing that is cloud reference model (I as &, Pa as, Sans) and types of cloud (public, private, hybrid, commu
<u> </u>	Essential characteristic of cloud computing - Refer United cloud computing that is
	Characteristics of cloud computing as for NISI (Ondersond self service, Broad forms) Network Access, Resource Rooting Rapid Clasticity, Meanure Leuris)
	Network Acces, Resource, Pooling Rapid Clarticity, Meanure Lewis)
	0 0
10	Cloud xunity and Interes - 9t refus to a vavered set of policies, tutmologie
	and controls deployed to protect data, applications and arrowates infrastructe
	of cloud computing
	of cloud computing -

Cloud vocabulary -Cloubrust (Negative) - The failure of a cloud computing enmonment due to the institlity to handle a spike in demand. Cloudhing (Ponture) - The dynamic dephoyment of a roftware application that runs on internal organizational compute resources to a public cloud to address a spike in demand Cloudstorming - The act of connecting multiple cloud computing enmonments Vertical Cloud - A cloud computing comment of timized for use in a particular vertical le industry or application use case Internal Cloud - A cloud computing enmonment within the boundaries of an organization and typically available for enclusive use of hy raid organization Choudwan - A general term referring to a variety of roftware, typically at the infrastruture level, that enables building, defloying, running or managing applications in a cloud computing environment, Enternal Cloud - A cloud competing environment that is enternal to the boundaries of the organization to specific other organizations. Cloud anables - A general term that refers to organizations (typically vendors) who are not cloud provider per to, but make available technology, nuch as cloudware, that Challes cloud competing Cloud oriented architecture & COA) - An architecture for IT infrastructure & software applications that is optimized for use in cloud competing comments (Wild runie architecting (CSA) - An architecture in which applications and application components act as services on the cloud, which reme other applications within the some cloud enmonment. Virtual Private (load (VPC) - have security and ability to create a VPC accross components att as senses on the cloud that one with within the cloud & entirely to it Cloud Portability - The ability to move applications across cloud computing enmoments from different cloud puridus, as well as Cloud spanning - Running an application in a way that its components straddle multilple cloud environments, agcompanion - It is a process by chard which cloud products and remove and their

	deployment and maintainance is outroused to and provided by one or more
	cloud service purides.
12	Claud Total time - Ohabetha hower of analygoria multilla alligation
	Cloud Integration - 9t is the powers of configuring multiple application programs to show data in the cloud.
	In a network that so incorporates cloud integration, durine application
	In a network that so incorporates cloud integration, durine application communicate either directly or through third party refture.
-	
·	
· # .	
1 + fs.	
	<i>my</i> companion