

users to benefit from the

2 0 9 Plants -Poge No. Qianta mesging newes technologies.

The models cursently in we for offering the solution for offering the solution are saas (Software as a service) , Page (Platform as a service), d Iaas Infrastructuse as service). Many leading Organisations like IBM, and some universities have embasked on large scale cloud computing research projects companies like cloud OYE and computer Host facilitate large scale cloud computing hosting The platform for large-scale cloud computing are: - 1 Apache Hadoop D Map Redue. @ Apha Apache Hadoop: - 9tis an open source platform withen coritteen in Jang. It creates a pool of computer with each file system, Then data elements are clustered and similar hasts algorithms are applied. The copies of the existing files once Created, (2) Map Reduce: - 9+ is a seftware built by grayle in order to support distributed computing. It was a large set of data and various cloud resources and then distributed the data to several other compiles

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3 of 9 Page No. -② Explain different models for deployment in cloud computing?

Ans: > The cloud deployment model identifies the specific type of cloud environment based on oconership, scale, and access, as well as the cloud's nature and purpose. The location of the servers you've utilizing and echo controls them are defined by a cloud deployment model. It specifies how your cloud infrastructure will look, what you can change, and whether you will be given services or cuill have to create everything yourself. Relation-ships between the infrastructure and yours are also defined by cloud deployment types. Different types of cloud computing deployment models are !- borrion (i) public cloud strong single (ii) Private cloud triangle simulation (iii) Hybrid cloud (iv) Community Bloud il) Private cloud :-The private cheed declarated out (i) public cloud : - + The public cloud makes it possible for anybody to access systems and services. The public cloud may be

less secure because it is open for everyone. The public cloud is one in cernich cloud infrastructure sessices are provided over the internet to the general people or major industry group. In this assangement, storage balkup and retrieval services are given for free, as a subscription, or on a per-use-basis. Grample google App Engine etc. Advantage et public cloud model @ Minimal Investment - Because it is a pay pre pay-per-we but service. (b) NO setup cost! The entire infrastructu is fully Subsidized by the cloud Service provider. (6) Infrastructure Management is not required. required. @ No maintenance :- it is done by Bervice providerondo sudua (1) Dynamic Scalability: on-demand resource are accessible (ii) Termountly Chouch (ii) Private cloud "-The private cloud deployment model is he exact opposite of the public cloud deployment model. If is a one - on - one environment for a single wes There is no need

5 4 9 10 @ Flexibility and control :- Business with more Mexibility can design personalized solution med their particular wheed grant and said the said of the said 6 Cost: - only responsible for paying for the extra capacity. O security: - Because water is properly separated, the changes of Lova theft by attackers are considerably reduced. The Hollie of Continent in I want to sold to sold of the (1) Community cloud :-9+ allows systems and services to be accessible by a group of organisations . 9+ is a distributed system that is created by integrating the services of different clouds to add ress the specific needs of a community, industry, or business. The infrastructure of the community cloud be shared between the organisation which has shared concerne or tasks. 9+ is generally managed by combination of one or more organization in the Community Advantage of community cloud model @ Cost Effective: It is cost- effective because the cloud is shared by multiple poganizations,

A cloud computing system keeps
your system other organized and
helps you effectively locate items.
moving to cloud computing might and maintaining your IT systems. Instead of parchasing ex expensive systems and equipment or your business, you can reduce costs with the resources eloud computing service provider. with a cloud computing service you only pay for what you what need. You can scale your storage up or down based on your needs. By taking advantage of a cloud service provider , you're caving space on your own cerver. cloud sessice providers are typically more secure than a server or your own personal computer. Therefore, cloud computing helps protect your company's sensitive data from being corrupted or lost.

While if you used your smastphone today, you relied on mobile computing refers to different devices that allow

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People to access data and information from any location. Mobile computing carries data, voice and video over a network through a mobile device. These devices a rely on a core operating system which supports various cottware examples of mobile computing as: smartphones and cell phones, laptop, tablets, Buetouth devices, E-Book readers, Handheld game consoles, Cameras.

In out our-faced digital coord, mobile computing provides a lot of benefits. Mobile computing facilitates digital communication on the go. It connects people to needed information at all times, all over the go globe. Just as with cloud computing, its important to keep your company mobile devices safe to ensure that the data shared and stored on them doesn't get lost or Stolen, Information security services for your business mobile devices can protect your data from threat actors.