

What are the advantages of using cloud computing?

The advantages of using cloud computing are

- a) Data backup and storage of data
- b) Powerful server capabilities
- c) SaaS (Software as a service)
- d) Information technology sandboxing capabilities
- e) Increase in productivity
- f) Cost effective & Time saving

Explain different models for deployment in cloud computing?

- a) Private Cloud
- b) Public Cloud
- c) Community Cloud
- d) Hybrid Cloud

What is the difference in cloud computing and computing for mobiles?

Mobile computing uses the same concept as cloud computing. Cloud computing becomes active with the data with the help of internet rather than individual device. It provides users with the data which they have to retrieve on demand. In mobile, the applications runs on the remote server and gives user the access for storage and manage.

For a transport in cloud how you can secure your data?

To secure your data while transporting them from one place to another, check that there is no leak with the encryption key implemented with the data you are sending.

Mention the name of some large cloud providers and databases?

- a) Google bigtable
- b) Amazon simpleDB
- c) Cloud based SQL

17) Explain the difference between cloud and traditional datacenters?

- a) The cost of the traditional data center is higher due to heating and hardware/software issues
- b) Cloud gets scaled when the demand increases. Majority of the expenses are spent on the maintenance of the data centers, while that is not the case with cloud computing

In cloud architecture what are the different components that are required?

- a) Cloud Ingress
- b) Processor Speed
- c) Cloud storage services
- d) Cloud provided services
- e) Intra-cloud communications

List down the basic characteristics of cloud computing?

- a) Elasticity and Scalability
- b) Self-service provisioning and automatic de-provisioning
- c) Standardized interfaces
- d) Billing self service based usage model

Explain hybrid and community cloud?

Hybrid cloud: It consists of multiple service providers. It is a combination of public and private cloud features. It is used by the company when they require both private and public clouds both.

Community Cloud: This model is quite expensive and is used when the organizations having common goals and requirements, and are ready to share the benefits of the cloud service.

In cloud what are the optimizing strategies?

To overcome the maintenance cost and to optimize the resources, there is a concept of three data center in cloud which provides recovery and back-up in case of disaster or system failure and keeps all the data safe and intact.