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'USES OF CLOUD COMPUTING TO MANAGE'

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01-Apr-2015

USES OF CLOUD COMPUTING TO MANAGE

On 01-Apr-2015 a session was delivered “*Uses of Cloud computing to manage*” by Mr. VEERU UPPIN, AarGees Business Solutions, Hubli/Bangalore.

The session was conducted in interactions with 96 students and teaching faculty members. The session started with the detailing of the term Cloud, connecting of remote location, Cloud Computing and how the Cloud Computing is making our business application mobile and collaborative. The models and services in working behind the scene making the cloud computing feasible and accessible to end users are (a) Deployment Models (b) Service Models.



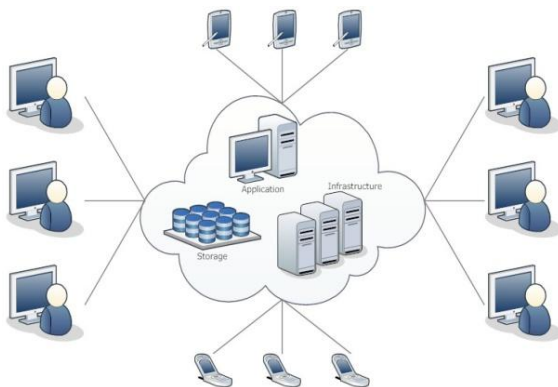
PUBLIC CLOUD -allows systems and services to be easily accessible to the general public. Public cloud may be less secure because of its openness, e.g., e-mail.

PRIVATE CLOUD- allows systems and services to be accessible within an organization. It offers increased security because of its private nature.

COMMUNITY CLOUD - allows systems and services to be accessible by group of organizations.

HYBRID CLOUD – is a mixture of public and private cloud. However, the critical activities are performed using private cloud while the non-critical activities are performed using public cloud.

Service Models are the reference models on which the Cloud Computing is based. These can be categorized into three basic service models as listed below:



- (a) Infrastructure as a Service (IaaS)
- (b) Platform as a Service (PaaS)
- (c) Software as a Service (SaaS).

There are many other service models all of which can take the form like XaaS, i.e., Anything as a Service. This can be Network as a Service, Business as a Service, Identity as a Service, Database as a Service or Strategy as a Service.

The Benefits

Cloud Computing has numerous advantages.

- One can access applications as utilities, over the Internet.
- Manipulate and configure the application online at any time.
- Installation of a specific piece of software to access or manipulate cloud application is not required.
- Cloud Computing offers online development and deployment tools, programming runtime environment through Platform as a Service model.
- Cloud resources are available over the network in a manner that provides platform independent access to any type of clients.

- Cloud Computing offers on-demand self-service. The resources can be used without interaction with cloud service provider.
- Cloud Computing is highly cost effective because it operates at higher efficiencies with greater utilization. It just requires an Internet connection.
- Cloud Computing offers load balancing that makes it more reliable.

Business Applications:

Cloud computing has made businesses more collaborative and easy by incorporating various apps such as MailChimp, Chatter, Google Apps for business, and Quickbooks.

Mail Chimp: It offers an e-mail publishing platform. It is widely employed by the businesses to design and send their e-mail campaigns.

Chatter: Chatter app helps the employee to share important information about organization in real time. One can get the instant feed regarding any issue.

Google Apps for Business: Google offers creating text documents, spreadsheets, presentations, etc., on Google Docs which allows the business users to share them in collaborating manner.

Quick books: It offers online accounting solutions for a business. It helps in monitoring cash flow, creating VAT returns and creating business reports.

Data Storage and Backup: Box.com, Mozy, Joukuu are the applications offering data storage and backup services in cloud

Management Applications: There are apps available for management task such as time tracking, organizing notes.

TOGGL :It helps in tracking time period assigned to a particular project.

EVERNOTE is an application that organizes the sticky notes and even can read the text from images which helps the user to locate the notes easily.

OUTRIGHT :It is an accounting app. It helps to track income, expenses, profits and losses in real time.

Social Applications: There are several social networking services providing websites such as Facebook, Twitter, etc.

Cloud Computing Providers: Salesforce.com, Appistry, AppScale, AT&T , Engine

Director Prof. Uday Lawate welcomed the Guest Speaker. Prof Bhargav Revankar introduced the Guest to the gathering. The students in the question answer session posed various questions and sought the answers.

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