**Day 2 Cloud Computing**

**Cloud Computing**

Cloud computing is the on-demand delivery of compute, database storage, applications, and other IT resources through a cloud services platform via the internet with pay-as-you-go pricing.

**Legacy IT/ Traditional IT**

Server, storage servers, backup system, switch, firewall.

**Silver Lining int the Cloud:**

* How about provisioning (renting) resources when you want them and releasing them back when you do not need them?
* On demand resource provisioning
* Also called Elasticity

**Cloud Advantages**

* Trade “capital expense” for “variable expense”
* Benefit from massive economics for scale
* Stop guessing capacity
* Increase speed and agility
* Stop spending money running and maintaining data centres
* “Go Global” in minutes

Cloud models

* Service
  + - 1. SaaS – Software as a Service
      2. PaaS – Platform as a Service
      3. IaaS – Infrastructure as a Service
* Deployment

1. Public
2. Private
3. Hybrid
4. Multi

Microsoft Azurer5

2008- October project

2010 - feb windows azure -> after 4 years 2014 - mar Microsoft azure launch 3 type of services

Geographics - > 60+ azure regions - > 300+ data centres

Azure portal

Budget

1. Search budget
2. Select add
3. Set month
4. Alert set
5. Actual means after the points is consumed
6. Forecast means before the points are consumed
7. Put email
8. Click create

Resource Group

A fundamental unit for organizing and managing cloud resource

1. Create
2. Put name
3. Select region(pacific south india)
4. Create

Virtual Machine

1. Search virtual machine
2. Create -> virtual machine hosted by azura(choose 1st)
3. Put name
4. Put region
5. Put no zone