



# Cloud computing

[ project proposal ]

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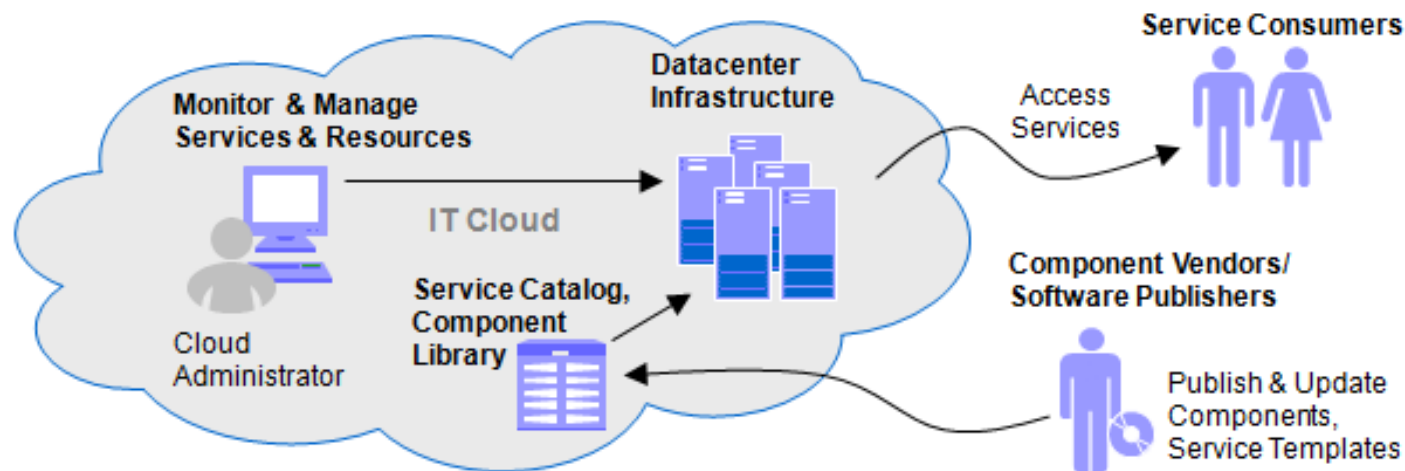
## What is Cloud Computing?

### A user experience and a business model

- Cloud computing is an emerging style of IT delivery in which applications, data, and IT resources are **rapidly provisioned** and provided as **standardized offerings** to users over the web in a **flexible pricing model**.

### An infrastructure management and services delivery methodology

- Cloud computing is a way of **managing** large numbers of highly **virtualized resources** such that, from a management perspective, they resemble a single large resource. This can then be used to deliver services with **elastic scaling**.



## SaaS

Software as a service features a complete application offered as a service **on demand**.

E.g. Google Apps, salesforce.com

## PaaS

application development and deployment platform delivered as a service to developers over the Web.

E.g. Google Apps Engine, JVM

## IaaS

delivers basic storage and compute capabilities as standardized services over the network.

E.g. Amazon Web Services Elastic Compute Cloud

## Cloud Building Blocks

