

**BLDE Association's
S B Arts and K C P Science College, Vijayapur**

Department of M.Sc. Computer Science

Date: 24/08/2018

NOTICE

This is inform to all the M.Sc. CS-I and III Semester students to attained TED TALK on 25-08-2018 at 12:15pm in L.H. NO -01 Topic: "Cloud Computing"



Co-ordinator

M.Sc. (C.S.) Programme
S.B.Arts & K.C.P.Science College,
Vijayapur.



IQAC, Co-ordinator

S.B.Arts & K.C.P.Science College,
Vijayapur.



Principal

S.B.Arts & K.C.P.Science College,
Vijayapur.



B.L.D.E. Association's

**S.B.ARTS & K.C.P SCIENCE COLLEGE
VIJAYAPUR**

A REPORT ON

TED Talk

on

“Cloud Computing”

On

25th August 2018

For

For I and III Sem M.Sc (CS) Students

Conducted by

Prof. Smt R D Joshi

AY

2018-19

A Report on a Ted-Talk

Presenter : Prof. Rajashree D Joshi M.Sc (C.S)

Title : Cloud Computing

Date : August 25, 2018

Link : <https://www.youtube.com/watch?v=jE0b0rkrt7A>

Introduction

- Cloud computing is a model for enabling *convenient, on-demand network access to a shared pool of configurable computing resources* (e.g., networks, servers, storage, applications, and services) [Mell_2009], [Berkely_2009].
- It can be *rapidly provisioned and released* with minimal management effort.
- It provides *high level abstraction* of computation and storage model.
- It has some essential characteristics, service models, and deployment models.

Essential Characteristics:

On-Demand Self Service:

- A consumer can unilaterally provision computing capabilities, automatically without requiring human interaction with each service's provider.

Heterogeneous Access:

- Capabilities are available over the network and accessed through standard mechanisms that promote use by heterogeneous *thin* or *thick* client platforms.

Resource Pooling:

- The provider's computing resources are pooled to serve multiple consumers using a *multi-tenant model*.
- Different physical and virtual resources dynamically assigned and reassigned according to consumer demand.

Measured Service:

- Cloud systems *automatically control and optimize* resources used by leveraging a metering capability at some level of abstraction appropriate to the type of service.

- *It will provide analyzable and predictable computing platform.*

Few things you can do with the Cloud

1. Create new apps and services.
2. Store, back up and recover data.
3. Host Websites and blogs.
4. Stream Audio and video.
5. Deliver Software on demand.
6. Analyse data for patterns and make prediction.

Benefits of Cloud Computing

1. Cost
2. Speed
3. Global Scale
4. Productivity
5. Performance.
6. Reliability.

Service Models

1 Cloud Software as a Service (SaaS):

- The capability provided to the consumer is to use the provider's applications running on a cloud infrastructure.
- The applications are accessible from various client devices such as a web browser (e.g., web-based email).
- The consumer does not manage or control the underlying cloud infrastructure including network, servers, operating systems, storage,...
- *Examples: Caspio, Google Apps, Salesforce, Nivio, Learn.com.*

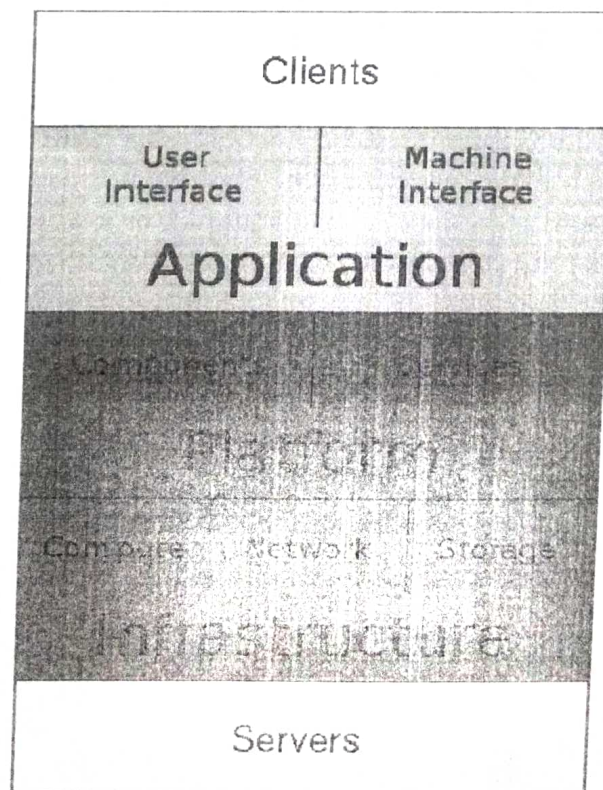
2 Cloud Platform as a Service (PaaS):

- The capability provided to the consumer is to deploy onto the cloud infrastructure *consumer-created or acquired applications* created using *programming languages and tools* supported by the provider.
- The consumer does not manage or control the underlying cloud infrastructure.

- Consumer has control over the deployed applications and possibly application hosting environment configurations.
- *Examples: Windows Azure, Google App.*

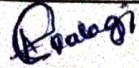
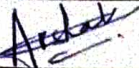
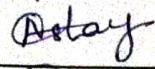
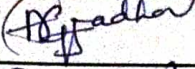
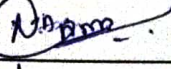
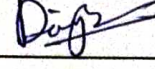
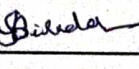
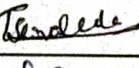

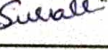
3 Cloud Infrastructure as a Service (IaaS):

- The capability provided to the consumer is to provision processing, storage, networks, and other fundamental computing resources.
- The consumer is able to deploy and run arbitrary software, which can include operating systems and applications.
- The consumer does not manage or control the underlying cloud infrastructure but has control over operating systems, storage, deployed applications, and possibly limited control of select networking components (e.g., host firewalls).
- *Examples: Amazon EC2, GoGrid, iLand, Rackspace Cloud Servers, ReliaCloud.*



Cloud Computing Stack


B.L.D.E.A's
S.B.Arts & KCP Science College, Vijayapur.
M.Sc(CS) III Semester
TED TALK: Cloud Computing

Date: 25/08/2018		Time: 9:30 am	
Sl No	USN	Name of the Candidates	Signature
1	CS171401	AKSHATA KALAGI	
2	CS171402	AKSHATA KOLKAR	
3	CS171403	AKSHAY PATIL	
4	CS171404	AMBIKA JADHAV	
5	CS171405	NANDA MELINAMANI	
6	CS171406	POOJA BIRADAR	
7	CS171408	SARITA BIRADAR	
8	CS171409	SAYEDASIF JAHAGIRDAR	
9	CS171410	SHIVALEELA TOGUNASHI	
10	CS171411	SOUMYA HIREMATH	
11	CS171412	SUJATA HALLI	



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S.B.Arts & K.C.P Science College, Vijayapur
M.Sc(CS)
2018-2019

Semester: **I**

TED TALK

Date: 25/08/2018

Topic: Cloud Computing

Sl No	USN	Name of the Students	Signature
1	CS181401	AFRIN D NADAF	
2	CS181402	ARUNA.C. PANDRA	
3	CS181403	BAZREEN.M.BAGALI	
4	CS181404	BISMILLA.L.BABALESHWAR	
5	CS181405	MALLANAGOUDA.B.PATIL	
6	CS181406	NACHIKET NAVADAGI	
7	CS181407	NANDINI.A.MELLENAVAR	
8	CS181408	PRATIBHA.B.GUDADARI	
9	CS181409	PRIYANKA KULKARNI	
10	CS181410	SACHIN S SUTAR	
11	CS181411	SHREEKANT.M.KADOOR	
12	CS181412	SHREYA JOSHI	
13	CS181413	SHRUTI DURGOJI	
14	CS181414	SHRUTI.A.HOLISAGAR	
15	CS181415	SHRUTI.S. JOSHI	
16	CS181416	SUKANYA.M.NAGARE	
17	CS181417	TRIVENI.A.JADHAV	
18	CS181418	VARSHA .M. KOLURGI	
19	CS181419	VARSHARANI.R.MUTTIN	
20	CS181420	VIDYALAKSHMI MODI	
21	CS181421	YASHAVANT B AVATADE	

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