UNIVERSITI TEKNOLOGI MALAYSIA

SECP1513 - 04

Subject : Technology and Information System

ASSIGNMENT: NEWSLETTER on

a. Cloud Computing Service Provider

b. Industrial Talk 3 by Asia Pacific University (Mon 15th Nov 2021)

c. Industrial Talk 4 by OZEL Sdn Bhd (Thursday 18nd Nov 2021)

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CLOUD COMPUTING SERVICE PROVIDER

20 NOVEMBER 2021

HERE'S THE BEST CLOUD COMPUTING SERVICE PROVIDERS:

GOOGLE CLOUD

Users allowed to access their data and run apps on any environment. The open cloud solutions provide consistency between public and private clouds.

IBM CLOUD

offers both platform as a service (PaaS) and infrastructure as a service (IaaS). developers can use IBM services to create, manage, run and deploy various types of applications for the public cloud, as well as for local or on-premises environments

ALIBABA CLOUD

global leader in cloud computing and artificial intelligence, providing services. Provides reliable and secure cloud computing. Alibaba Cloud became the official cloud services partner of the Olympics.

MICROSOFT AZURE

freedom and flexibility to build, manage, and deploy your applications anywhere. Use your preferred languages, frameworks, and infrastructure—even your own datacenter and other clouds. Is a microsoft-based service provider.

ORACLE CLOUD

first public cloud built from the ground up to be a better cloud for every application. Accelerate migrations of existing enterprise workloads, deliver better reliability and performance for all applications.

LET'S DISCUSS AMONG THESE SERVICE PROVIDERS

Vendor lock-in can be avoided in google cloud as users have flexibility to migrate, build, and optimize apps across hybrid and multicloud environments but in other service providers changing to other services costs higher the users or there isn't a chance for the user to change.

IBM cloud is the only service provider using artificial intelligence(AI) technology in collecting and organizing user's data.

Alibaba Cloud is committed to build data centers spread across the world. Alibaba Cloud has the most data centers and CDN nodes in Asia Pacific region than any other cloud service provider.

Azure Cloud provides the cheapest service which is 5x lesser than AWS. Eligible customers pay a reduced rate for Azure Virtual Machines and Azure SQL Database with the Azure Hybrid Benefit.

There's availability of Service Level Agreement(SLA) in oracle cloud which mostly includes planned downtime. Most of cloud service providers not developing in SLAs. Also, data sovereignty is well practiced in this service provider.

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REFLECTION

CLOUD COMPUTING BECOMING AN EVER GROWING SERVICE WHICH IS BECOMING THE ESSENTIAL FOR ALMOST EVERY COMPANY/ORGANIZATIONS INCLUDING GOVERMENT ORGANIZATION.

I'VE GOT TO KNOW ALOT OF INFORMATIONS ABOUT VARIOUS CLOUD COMPUTING SERVICE PROVIDERS. AS A SERVICE PROVIDER, WE SHOULD BE ALWAYS RELIABLE AND AVAILABLE SO THAT THE CUSTOMERS HAVE NO ISSUES UN ACCESING/STORING/RETRIEVING THEIR DATA.

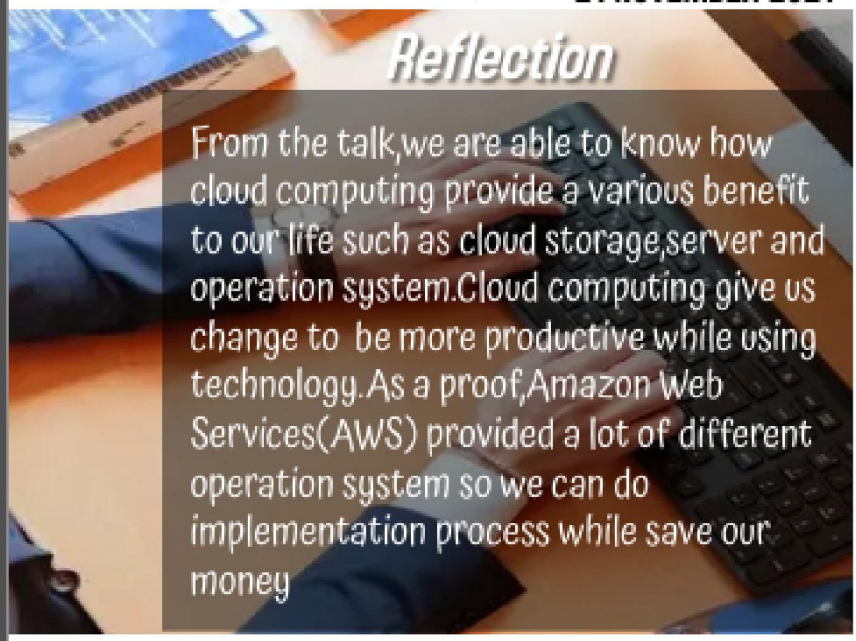
CLOUD COMPUTING

Industrial Talk 3 by Asia Pacific University

21 NOVEMBER 2021

Summary

The industry talk by Amazon Web Services Cloud Computing,give alot of information especially about the purpose of AWS.This cloud computing has opened multiple choices for both big and small company for a wider variety of uses in the field of computing.It helps a lot of people or workers especially in business getting their company's data to be stored and secured with low cost.The industry talk also give a brief information about how amazon takes the responbility of networking,storage,server and virtualization,Therefore we appreciate the contribution and effort of people who develop new technology and lead us to a new generation.



Reflection

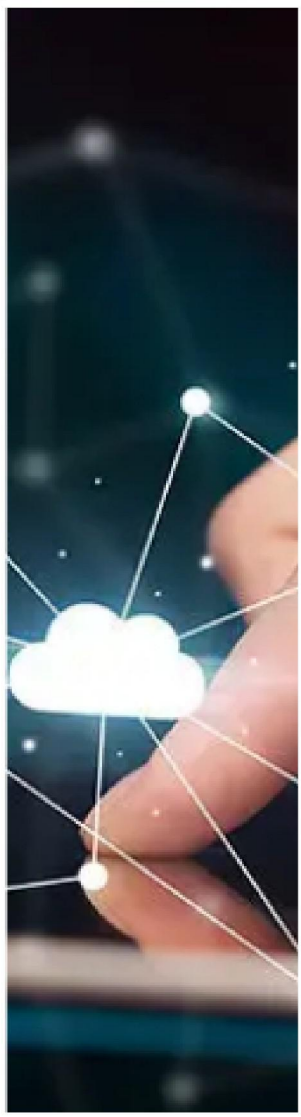
From the talk,we are able to know how cloud computing provide a various benefit to our life such as cloud storage,server and operation system.Cloud computing give us change to be more productive while using technology.As a proof,Amazon Web Services(AWS) provided a lot of different operation system so we can do implementation process while save our money

How Cloud Computing become an issue

As we knew,Cloud Computing provide a lot of thing such as Operation System(OS),Server,Cloud Storage and a place for implementation process(App testing and etc).

Benefit of Cloud Computing:

1.Cost Savings
2.Security
3.Flexibility
4.Mobility
5.Insight
6.Increased Collaboration
7.Quality Control
8.Disaster Recovery
9.Loss Prevention
10.Automatic Software Updates
11.Competitive Edge
12.Sustainability



Augmented Reality

20 NOVEMBER 2021

Industrial Talk 4 by OZEL Sdn Bhd

In a laboratory, a scientist wearing a virtual reality headset interacts with a futuristic holographic interface that displays neurological data.

One of the most popular game that use the concept of Augmented Reality named "Pokemon GO"

The Issues Discussed

Augmented Reality(AR) is one of the 9 digital industrial technologies. The future of augmented reality is looking bright, with expected revenue totaling up to almost 35 billion USD -video games as expected leading the line with 11.6 billion USD in revenue.

Interesting use case of AR:

Education -Students will be able to inspect a 3d hologram from many different angles and get a better understanding of how the object works rather than just learning concepts in class.

- **A common position in AR**

-AR/VR content developer
-AR/VR content strategist and Designer
-Animator or sound artist specializing in AR & VR

- **3 key areas where humans beat machines to future job**

-Creative endeavors
-Social interaction
-Physical dexterity and mobility

Summary of the talk

The main point talk is about the current trend of AR in industry.From the talk, we get to understand what is AR and its relationship with 4IR.In additon, also mentioned, the use case of AR which include the 3 main type of it and the highlight is on the superimposition based AR which allow user to see their desired product overlaid wherever they point their device.And in the end,we also got a tips on what to consider when choosing our career and the emphasize is on data science as any job that play with data is in high demand as we can use data to analyse the future and build the future around it.

Reflection from the talk

Based on the talk, we learned a lot about Augmented Reality. In the development of modern technology, this AR is one of the parts of IR 4.0. In addition, we are exposed to the critical abilities required for employment. Complex problem solving and critical thinking are two of them. We believe that the availability of AR will benefit a variety of sectors. The development sector is one of them. Engineers, architects, and contractors, for example, can come to an agreement on the genuine vision of a project that will be implemented in detail before the actual project begins. We also learn about the key to the future of employment creation in this session, which is how humans must think more than machines.