

# CLOUD COMPUTING

## Examples of cloud providers

### Dropbox



Dropbox is a cloud storage service that lets you save files online and sync them to your devices. You can use Dropbox links to share files and folders with other people without sending large attachments

Source : <https://www.businessinsider.com/what-is-dropbox>

### Microsoft Azure



Microsoft Azure is a platform with more than 200 products and cloud services that is design to help you bring new solution to life. To Build, run, and manage applications across multiple clouds, on-premises, and at the edge, with the tools and frameworks of your choice.

Source : <https://azure.microsoft.com/en-us/overview/what-is-azure/>

### Google Cloud



Google Cloud consists of a set of physical assets, such as computers and hard disk drives, and virtual resources, such as virtual machines (VMs), that are contained in Google's data centers around the globe.

Source : <https://cloud.google.com/docs/overview>

### IBM Cloud Services



With IBM Cloud IaaS, organizations can deploy and access virtualized IT resources -- such as compute power, storage and networking -- over the internet. For compute, organizations can choose between bare-metal or virtual servers.

Source : <https://searchcloudcomputing.techtarget.com/definition/IBM-Bluemix>

### Adobe Creative Cloud



Creative Cloud is a collection of 20+ apps for photography, video, design, web, UX, and social media — plus integrated essentials like color palettes, font families, and the power to collaborate with anyone, anywhere.

Source : <https://www.adobe.com/sea/creativecloud.html>

## Issues Discussed

- 1) Cloud Storage
- 2) Cloud Computing Defined
- 3) Infrastructure as Software
- 4) Traditional Computer Model
- 5) Cloud Computing and Service Model
- 6) Advantages of Cloud Computing
- 7) Web Services and AWS

## SUMMARY

A cloud service provider (CSP), is an organization that manages all aspects of cloud computing, including networking, software, servers, and infrastructure. They also hire and manage employees, as well as provide protection for the services they supply.



It's an enterprise application since we need to pay for extra space that we use since the free space might be too small. There are two types of clouds provider which is private and public. The public one lets the customers customize the infrastructure on their own meanwhile the private one provides a skilled IT team to give better private infrastructures to users. The private one also has better security since they hire trustworthy organizations to protect the data. There are also hybrid cloud providers, which combines both private and public cloud provide

<https://www.redhat.com/en/topics/cloud-computing/what-are-cloud-providers>  
<https://searchhitchannel.techtarget.com/definition/cloud-service-provider-cloud-provider>

## COMPARISON AMONG EXAMPLES

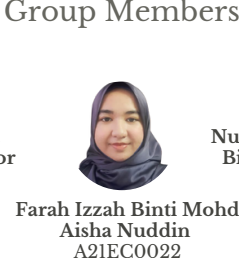
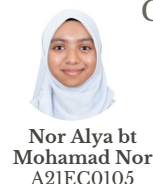
<b>Type of Cloud Deployment</b>	Public Cloud	Public Cloud	Public Cloud	Hybrid Cloud	Hybrid Cloud
<b>Type of Services Offered</b>	IaaS	IaaS, PaaS	IaaS, PaaS	IaaS, PaaS	PaaS
<b>Key Feature</b>	Files may be stored and accessed from anywhere	Has a greater number of data centers and delivery points	Has a large global network	Focuses on its bare metal servers	Provides the greatest app service design photography and web experience.
<b>Pricing Model</b>	Freemium	"per minute" model	pay-as-you-go	pay-as-you-go	Annual or monthly depends on subscribed apps

## REFLECTION

Cloud computing gave off many benefits human such as flexibility, efficiency and also strategic value. For flexibility, cloud computing could helps adjust to human's needs and also people could uses cloud computing from anywhere with internet access. Cloud computing also helps human from efficiency aspect such as sellers could use applications to promote things without any costs or maintenance. Lastly, cloud computing also helps by offering competing advantages for marketing by providing the most innovative technology. All in all, cloud computing gave benefits to humans in many ways in which it is profitable to either a person personally, through a company or others.

sources : <https://www.ibm.com/in-en/cloud/learn/benefits-of-cloud-computing>

## Group Members



# AMAZON WEB SERVICES

# CLOUD COMPUTING

Date of publication | 24 November 2021



From Brainvire Amazon Web Services (<https://www.brainvire.com/amazon-web-service/>)

## Summary

The talk was explained by Dr. Qusay Al-Maatouk about cloud computing in Amazon Web Services, such as the definition, cloud services model, and the benefits of using cloud services. Some of the benefits mentioned are stop spending money on running and maintaining data centers, no need to worry about capacity, going global in minutes, and increasing speed and agility. The talk also explain and introduced Amazon Web Services Academy and the advantages of using it. Some services that were covered in this course are computer services, storage services, AWS cost management services, database services, and networking and content delivery services.



## Issue Discussed

Cloud computing is a computing utility that gives user storage or database. The advantages of cloud computing include of saving money since user need to pay only for the amount of they consume, unlimited capacity, increase speed and agility in working, and help user to go global with their business in minutes.

## Reflection

Amazon Web Services(AWS) benefitted in many ways as it helps people to stores large amount of data which is considered as a needs to every human nowadays and helped processing large datasets. AWS also helped to handling peak loads for e-commerce websites so that it would not crash even though a lot of people were using it simultaneously. It is also reliable as AWS has more than a million active clients in over 200 countries around the world. Data security is being worked on by an elite group of cyber experts.



Nor Alya bt  
Mohamad Nor  
A21EC0105



Nurfaiziana Suraya  
Binti Baharuddin  
A21EC0118



Khalisah Najah  
Binti Nawawi  
A21EC0038



Farah Izzah Binti  
Mohd Aisha Nuddin  
A21EC0022



Muhammad Haikal  
Bin Mat Arman  
A21ET0101

# CURRENT TRENDS OF AUGMENTED REALITY IN INDUSTRY

INDUSTRY TALK 4 BY DR. RUZIMI MOHAMED, FOUNDER OF OZEL



## 01 SUMMARY

Augmented Reality (AR) is a technology that overlays information and virtual things on real-world scenes in real-time. It uses the pre-existing environment and adds information to it to make a new artificial environment.

## 02 ISSUES DISCUSSED

- 1) 9 Digital Industrial Technologies
- 2) World Economics Forum
- 3) The Future of Augmented Reality
- 4) 10 Skills for Future Jobs - IR 4.0
- 5) 6 Common Positions in AR Work



*"By 2022, Snapchat and Instagram are expected to be the biggest user of AR." - Dr. Ruzimi Mohamed*

## REFLECTION

Augmented Reality (AR) helps human life in many particular aspects. In education, the application of AR may improve student learning motivation and academic accomplishment. Besides, AR also helps assisting consumers to shop more effectively and engagingly. When it comes to daily AR user, video games and interactive games win first place such as PokemonGo which was the most popular game back then.



**Khalisah Najah  
Binti Nawawi**  
A21EC0038



**Muhamad Haikal  
Bin Mat Arman**  
A21ET0101



**Farah Izzah Binti  
Mohd Aisha Nuddin**  
A21EC0022



**Nurfaiziana Suraya  
Binti Baharuddin**  
A21EC0118



**Nor Alya bt  
Mohamad Nor**  
A21EC0105