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HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

ONE LOVE. ONE FUTURE.



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HANOI UNIVERSITY
OF SCIENCE AND TECHNOLOGY

School of Information and Communication Technology

CLOUD COMPUTING FOR NFV

Presentation assignment IT2030 - Technical Writing and Presentation

Group 3 – Class code: 152262

Supervisor: PhD. Doan Quang Tri

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GROUP 3



**TRẦN QUANG
HUY**
20226109



**NGUYỄN
TRUNG HIẾU**
20226082



**TRẦN PHẠM
MINH ĐỨC**
20226077



**NGUYỄN MINH
QUANG**
20226123



**ĐỖ GIA
HUY**
20226085



**NGUYỄN
TRUNG KIÊN**
20226110

Outline



1. Cloud Computing Overview

2. Cloud Computing Basic Concepts

3. Cloud Native for NFV

4. VHT vMANO



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1. Cloud Computing Overview



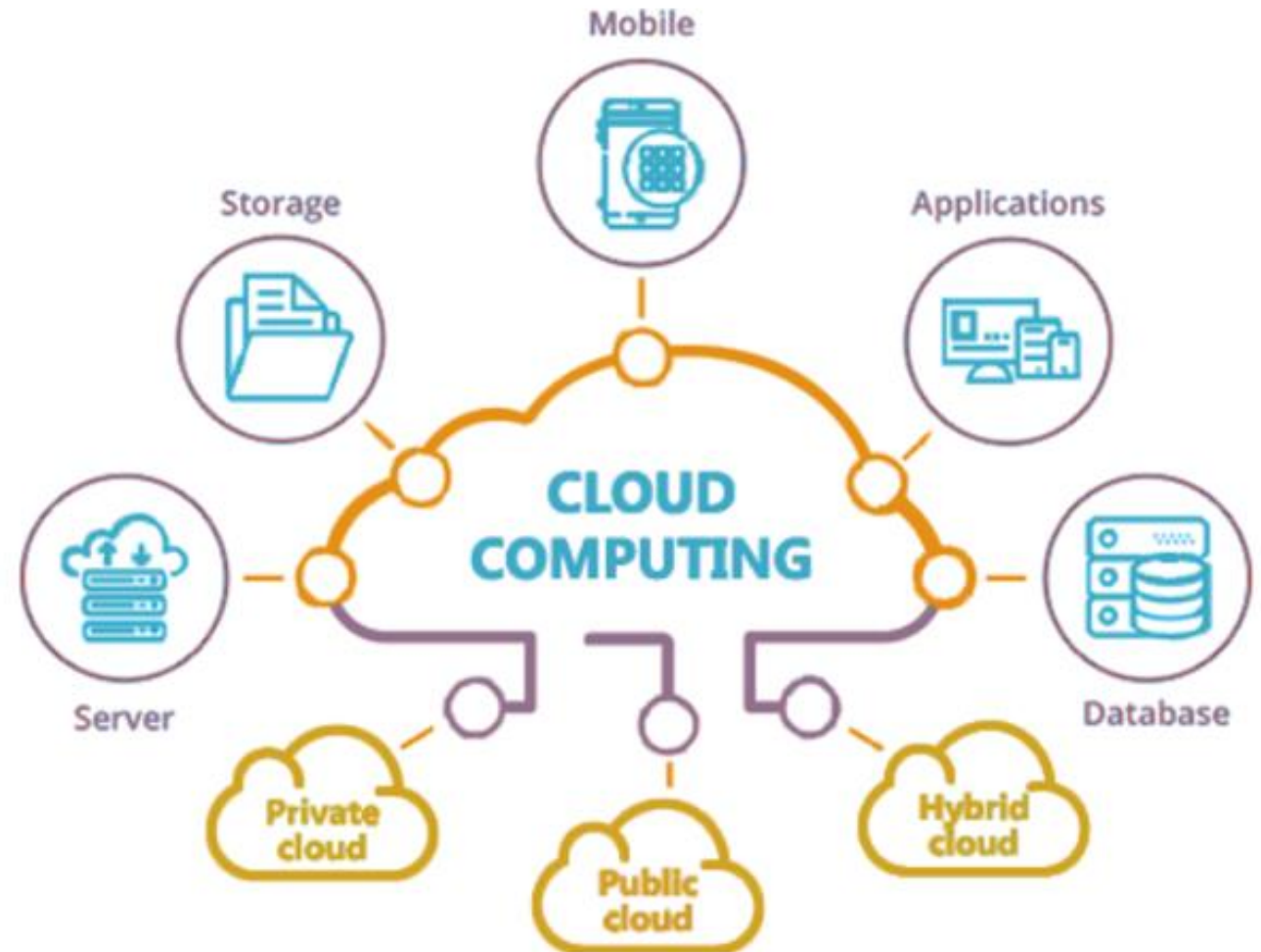
**WHAT IS
CLOUD COMPUTING?**

1.1. Defination (1/2)

Cloud computing is a model tha provides IT resources:

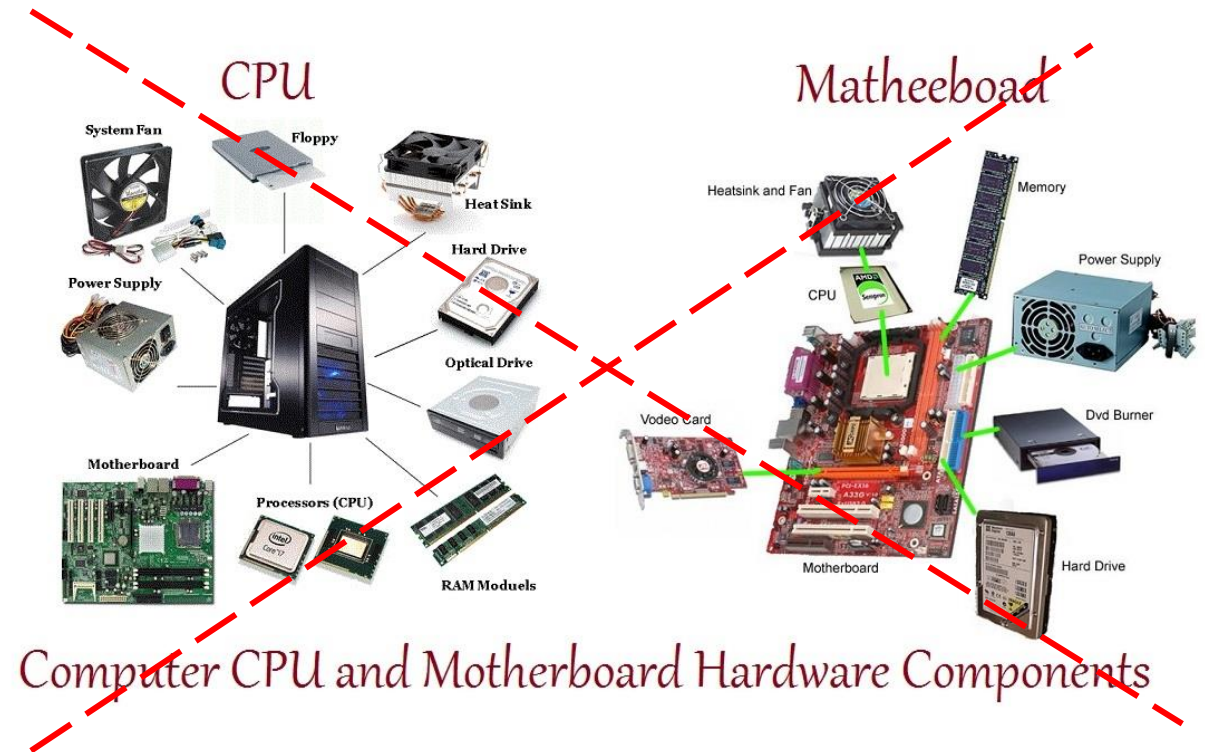
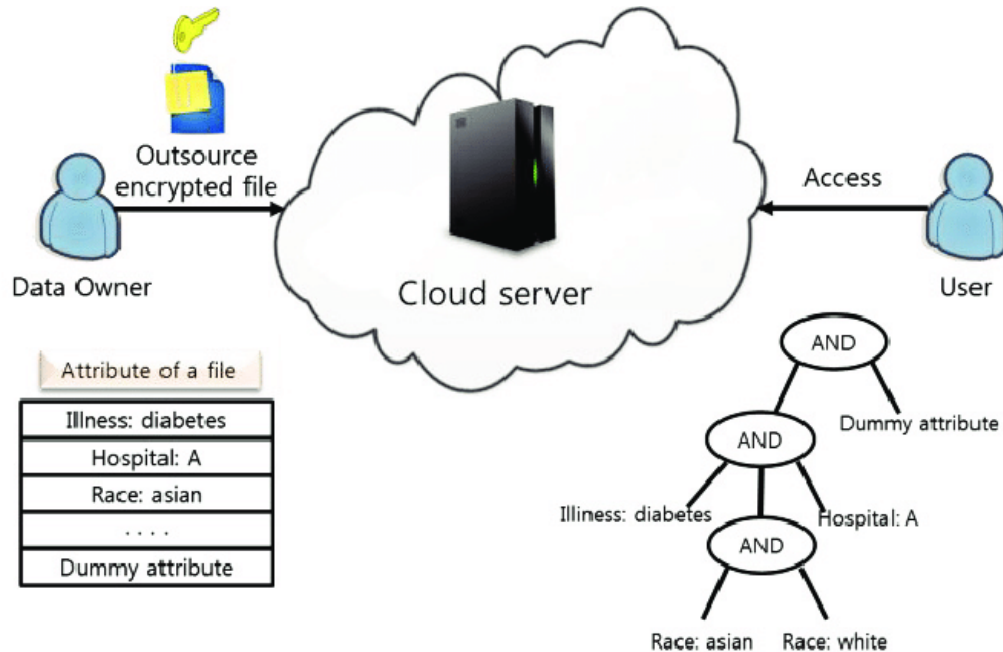
- Storage
- Servers
- Mobile
- Apps
- Database
- Software
-

over the internet on-demand.



1.1. Defination (2/2)

- Users can access and utilize these services without directly managing the physical infrastructure, allowing for flexibility in scaling resources and optimizing costs.



1.2 Example (1/2)

- **Using Google Drive:**

- Store documents, images, and videos on Google's system without needing your own storage devices like a hard drive.
- All data is stored in the cloud, and you can access it from any device connected to the internet.



1.2 Example (2/2)

- **Amazon Web Services (AWS):**

- Businesses can rent servers, databases, and analytical tools to develop applications without having to build and maintain their own server systems.
- AWS allows businesses to scale resources up or down flexibly based on actual needs.



1.3 Benefit (1/3)

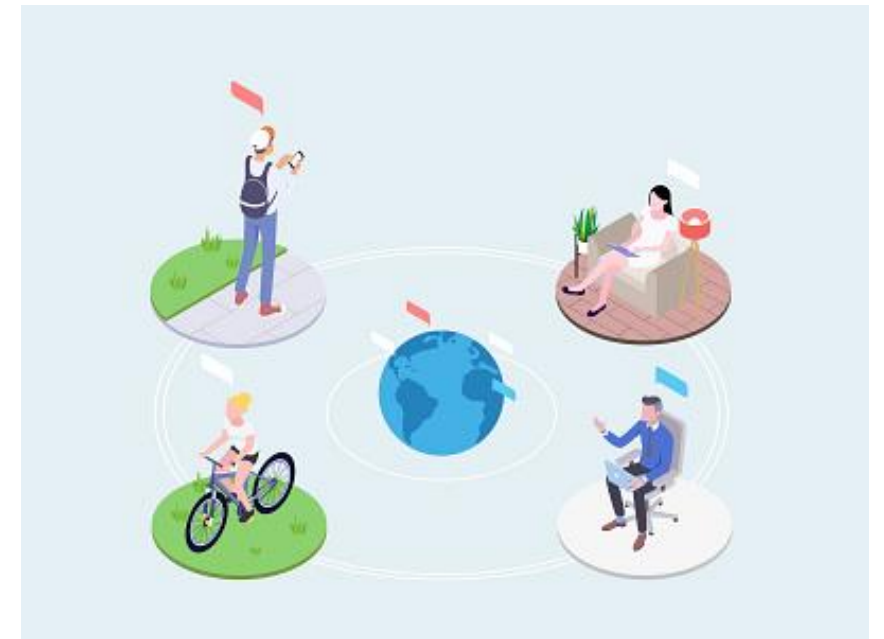
- **Cost saving:**

- Allows businesses and organizations to save a significant amount of money compared to other equivalent technologies.



- **Access anytime, anywhere:**

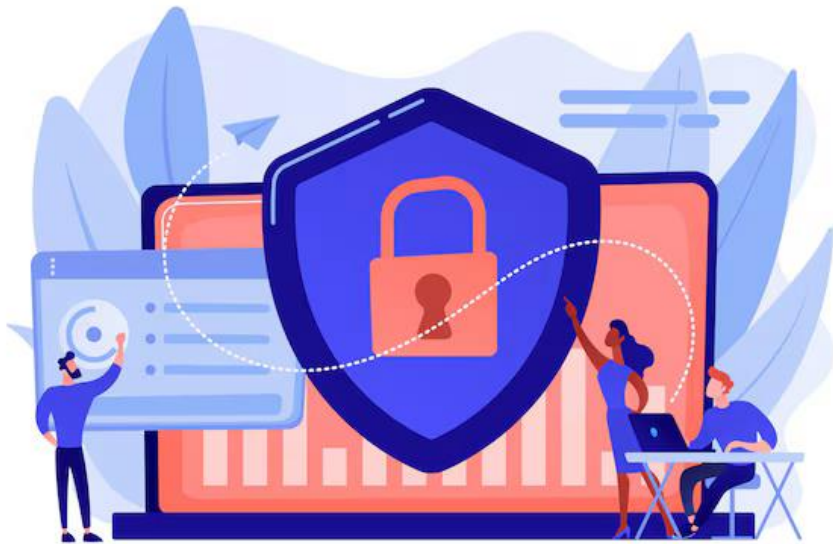
- Data and applications stored in the cloud can be accessed from anywhere
- an internet connection, increasing flexibility, especially useful for remote work.



1.3 Benefit (2/3)

- **Enhanced security and backup:**

- Cloud service providers often implement strong security measures and automatic data backup, reducing the risk of data loss due to incidents.



- **Automation and easy updates:**

- Provide automatic software and security updates without requiring user intervention.
- This ensures that businesses are always using the latest versions without worrying about technical issues.



WEBSITE
MAINTENANCE



AUTOMATION
TESTING



PROJECT
DELIVERY

1.3 Benefit (3/3)

- **Improved operational efficiency:**

- Cloud service providers often implement strong security measures and automatic data backup, reducing the risk of data loss due to incidents.



A graphic on the left side of the slide. It features a dark blue background with a large, stylized circular shape composed of many small red dots. The dots are arranged in a way that creates a sense of depth and movement, resembling a spiral or a stylized 'H' shape. The word 'HUST' is written in white, bold, sans-serif capital letters across the center of this graphic.

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THANK YOU !