

INDUSTRY TALK 3

CLOUD COMPUTING : AMAZON WEB SERVER (AWS)

28TH NOVEMBER 2021



SUMMARY OF TALK

The summary of this talk is cloud computing provides different services via the internet such as storage, database, random access memory (RAM), networking, and so on with pay-per-use services. Cloud computing has advantages in terms of speed and agility. It can execute tasks faster compared to traditional computing devices. Cloud computing also is a money saver and has a flexible system. It's only paid for when you use it. Amazon Web Services (AWS) is one of the examples of cloud computing service providers. There are three ways to deal with AWS. First is AWS Management Console. It offers a user-friendly graphical interface. The second is Command Line Interface (AWS CLI) uses commands or scripts to access services. The third is Software Development Kits (SDKs) accesses services directly from your code (such as Java, Python, and others)

REFLECTION

From this talk, we gained information about cloud computing. Cloud computing is just like a physical computer, but it is stored on the internet. Cloud computing offers us different kinds of computing services, including servers, storage, databases, networking, software, etc. For the company, they can access cloud computing to utilize the servers online instead of having the gigantic and expensive servers physically. For the public, they can store their data like photos and videos in the cloud instead of purchasing storage devices. So, by using the cloud computing providers like AWS, we are able to reduce electronic wastes which can preserve our environment in order to create a healthy environment for our future. I believe that cloud computing will surely become a popular trend in the future.

ISSUES OF TRADITIONAL COMPUTING

The issue discussed in the talk is that traditional computing devices are not so efficient as cloud computing. The reason for this is that traditional computing devices require ample space for the devices. Furthermore, it needs staff to execute maintenance, and the price for the devices is high. In addition, it also needs to have a long hardware procurement process and require estimation of the capacity before purchasing.

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