



REFLECTION

Innovation refers to constant improvement of the products and services offered by any organization. The exposure on Amazon Web Services (AWS) in the talk, which includes terms that we've never heard before, helps us expand our understanding on what's currently happening in the technological world. For instance, we get to know why laptops nowadays use SSD compared to HDD. "Although SSD is widely used, it will never replace HDD entirely because not all data needs to be processed fast", says Dr. Qusay.

Other than that, the benefit of enrolling into the AWS increases the chance of one's to get an interview and this ultimately boosts our chance of getting employed in the future. This is mainly because AWS achievement is recognized and acknowledged all around the globe and on top of that, it is easier to access than the traditional method. Finally, this is why, taking part in an innovation really pays off as it significantly increases our knowledge in technology and provides us a clear vision on our future.

WHY AWS CLOUD COMPUTING?

Q : What is the difference between traditional computing model and cloud computing model ?

A : Traditional computing require staff, rent a space, planning, have long hardware procurement cycle, time consuming ,80% of security issues and availability issues is because of staffs, people do mistakes

Cloud computing however, is flexible, more secure, cost efficient (pay only for the amount you consume), problems from hardware infrastructure can be eliminated easily, consume less time (only minutes to search resources and having the resources)

Q : What is **AWS** ?

A : **AWS** provides servers, storage, networking, remote computing, email, mobile development, and security.

Q : Introduction to web service : what is it ?

A : Web service is any piece of software that makes itself available over the internet and uses a standardized format for the request and the response of an application programming interface (API) interaction.

Q : Why choose **AWS** ?

A : **AWS** has a pricing calculator which calculates all essential costs such as monthly cost which saves time and also saves money to hire staff which specifically does all the pricing data.

SUMMARY

The talk emphasizes the benefit of changing the infrastructure of a company from hardware to software. A company should stop spending money on running and maintaining data centers, no need to worry about staff, utilities, landscaping because aws will manage all of that. Instead, use the time and money on focusing business and getting engagement with customers. You could save up to 96% per year by moving your infrastructure to aws because hardware infrastructure has problems such as staff absence and mistakes. For your information, amazon already bought servers and routers for you and it has covered more than 14 regions for availability in this service. Thus, you just need to know where you need to place your servers and it will run perfectly and also you can make your program or app globally in minutes. "Keep in mind that companies go to cloud services to save money and more efficiency/agility" says Dr. Qusay.

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