Dropbox, Facebook, Gmail

Cloud can be used for storage of files. The advantage is an easy backup. They automatically synchronize the files from the desktop. Dropbox allowing users to access files and storage up to 1 terabyte of free storage. Social Networking platform requires a powerful hosting to manage and store data in real-time. Cloud based communication provides click-to-call capabilities from social networking sites, access to the Instant messaging system.

Big data Analytics

Big data analytics is another example of Cloud computing, As cloud computing enables data scientist in analyzing their data patterns, insights, correlations, predictions and help in good decision making. There are many open sources of big tools like Hadoop, Cassandra.

Health Care

Using cloud computing, Medical professionals host information, analytics and do diagnostics remotely. As healthcare also comes in the list of examples of cloud computing it allows other doctors around the world to immediately access this medical information for faster prescriptions and updates. Application of cloud computing in health care includes telemedicine, public and personal health care, E-health services and bioinformatics.

Education

This is useful in institutions of higher learning provide benefits to universities and colleges so henceforth Education comes in the examples of cloud computing. Google and Microsoft provide various services free of charge to staff and students in different learning institutions. Several Educational institutions in united states use them to improve efficiency, cut on costs. Example- Google App Education (GAE). They allow the user to use their personal workspace, teaching becomes more interactive.

Banking, Financial Services

Consumers store financial information to cloud computing serviced providers. They store tax records as online backup services.

SUMMERY

Cloud computing is the delivery of different services through the Internet. These resources include tools and applications like data storage, servers, databases, networking, and software. we have 5 examples for the cloud computing if we compare between them we will find the diffrence like the education and healthy care in the way of using cloud computing

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CLOUD COMPUTING

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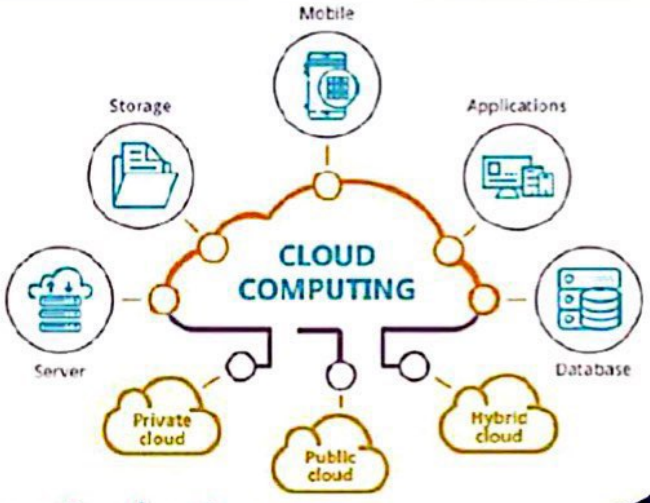

Cloud computing is the on-demand, pay-as-you-go supply of IT services through the Internet. Instead of purchasing, owning, and maintaining physical data centers and servers, you may acquire computing power, storage, and databases from a cloud provider like Amazon Web Services on an as-needed basis (AWS).
So (AWS) is : AWS is a safe cloud platform that provides a wide variety of worldwide cloud-based services.

What are cloud concepts?

Many organizations were in the middle of a datacenter expansion period over ten years ago. Application teams would request servers with the operating systems they required to build their programs from the IT department. In some circumstances, these applications would be COTS (commercial off the shelf), while others would be developed internally. You still required an operating system (OS) to install them on, whether they were purchased or not. This OS might be Windows, Linux, or AIX in many circumstances.

Cloud concepts advantages

- Trade capital expense for variable
- expense.
- Massive economies of scale.
- Stop guessing capacity .
- Increase speed and agility.
- Go global in minutes.
- Etc.

Issues: AWS provides many categories of its services, but you must select the service depending on your business and technology requirements.

Some of its categories:

- Compute services: Amazon EC2, AWS Lambda.
- Storage services: Amazon S3, Amazon EFS.
- Database services: Amazon RDS, Amazon Aurora.
- Networking services:Amazon VPC, Amazon CloudFront.

Sources:

Cloud computing has aided in the transformation of organizations all over the world, in a variety of fields and operations. Organizations use anything from simple productivity tools to large databases to enterprise-grade software. have been able to effectively transfer business infrastructure to the cloud. However, when it comes to their AWS, Organizations have not accomplished what they hoped for when it comes to (Amazon Web Services) installations. had hoped to achieve by making their implementations appear to be a natural extension of its current on-premise systems. Other than being on the cloud, data centers have no value additions or transformations.

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What is it ?

Augmented Reality is a relatively new technology, nowadays we can see a glimpse of this technology around us, but with the 4th industrial revolution we will see the full potential of this technology in the near future. Augmented Reality for people who do not know it is a technology that uses a camera usually and takes the environment around it and implements things on it, for example you could use this technology to see how your house will look like with some furniture so you could choose what to buy. Also some smart mirrors could show you how a certain outfit will be on you. Not only that, but Augmented Reality could be used in a lot of other fields like the medical field for example, doctors could use it to see how the process for a certain operation will go.

We can't forget also its uses in the educational field, how could engineer students use it to see how complex machines work and they can pick it apart to absorb all the information they need without wasting any materials, medical student will also have their share of using this technology to the max, lecturers don't need to use pictures or draw the organs of the human body anymore they just use the technology to showcase the whole human body with all its layers and small systems inside of it.

Surprisingly, the highest investments in the AR technologies are from video games companies, which seems like a bright future for the gaming industry as you do not need to play as a character in the games anymore, you are the player now, with you real body and real world physics, all the content of the games will be integrated to your environment.

Issues

Although Augmented Reality is very impressive, it is encountering some issues. One of them being that the investments people made into this technology still did not pay off, that might result in the other investors in the technology field to stay away from Augmented Reality, because it has no proven long term success. Another problem is that every company develops its own Augmented Reality apps/services, meaning that they do not have the same standards resulting in the apps/services to not be compatible with each other, this will make the process of developing a full system even harder. We can not forget also that this technology is pretty new so there is a big chance for the services to have serious security gaps that some hackers might abuse to steal data or even take pictures of people and blackmail them, so we should be very careful using these technologies.

Reflection:

I believe Augmented Reality will make a huge difference in the world we live in. For example, when we use AR for education, it will enhance our education level as it is easier to learn when you see what you are dealing with instead of just reading about it. And in the medical field the success rate of operations will increase because of it. Also we can not forget about the entertainment part as gaming will be more realistic and engaging and will be more healthy as you use your body to play not just sitting in front of your screen.

sources:

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