AWS Overview Notes

What Is Cloud Computing?

Cloud computing is the on-demand delivery of compute power, database storage, applications, and other IT resources through a cloud services platform via the internet with pay-as-you-go pricing.

Six Advantages and Benefits of Cloud Computing

- Trade capital expenses for variable expense

- Benefit from massive economies of scale

- Stop guessing capacity

- Increase speed and agility

- Stop spending money on running and maintaining data centers

- Go global in minutes

Additional information is available at: https://aws.amazon.com/what-is-cloud-computing/.

Deployment Models

There is a range of deployment models, from all on-premises to fully deployed in the cloud. Many users begin with a new project in the cloud, and they might integrate some on-premises applications with these new projects in a hybrid architecture. They might decide to keep some legacy systems on-premises. Over time, they might migrate more and more of their infrastructure to the cloud, and they might eventually reach an all-in-the-cloud deployment.

Details can be found at: https://aws.amazon.com/types-of-cloud-computing/.