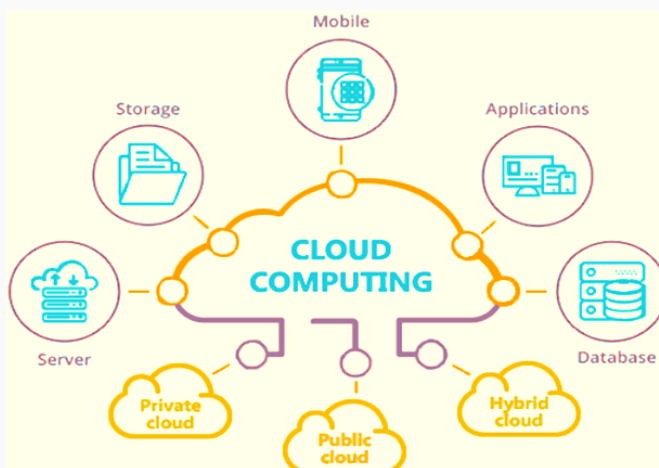03 DECEMBER 2021

# CLOUD COMPUTING

## How cloud computing changing world

By Dr. Qusay Al-Maatouk (Professor at APU)

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

Infrastructure as software are making things easier than hardware. It is because of cloud computing. Cloud computing models are much more flexible as we can access to it anywhere. It can be change more quickly, easily, and cost-effectively than hardware solutions. Cloud computing can also be used to eliminate the undifferentiated heavy-lifting tasks.

Cloud computing enables us to stop thinking of our infrastructure as hardware, and instead think of (and use) it as software. There are 3 types of cloud computing deployment model which is cloud, hybrid and on-premises (private cloud). Moreover, there are many advantages of cloud computing such as trade capital expense for variable expense, massive economies of scale , stop guessing capacity, increase speed and agility, Stop spending money on running and maintaining data centers and we can finally go global in minutes.

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