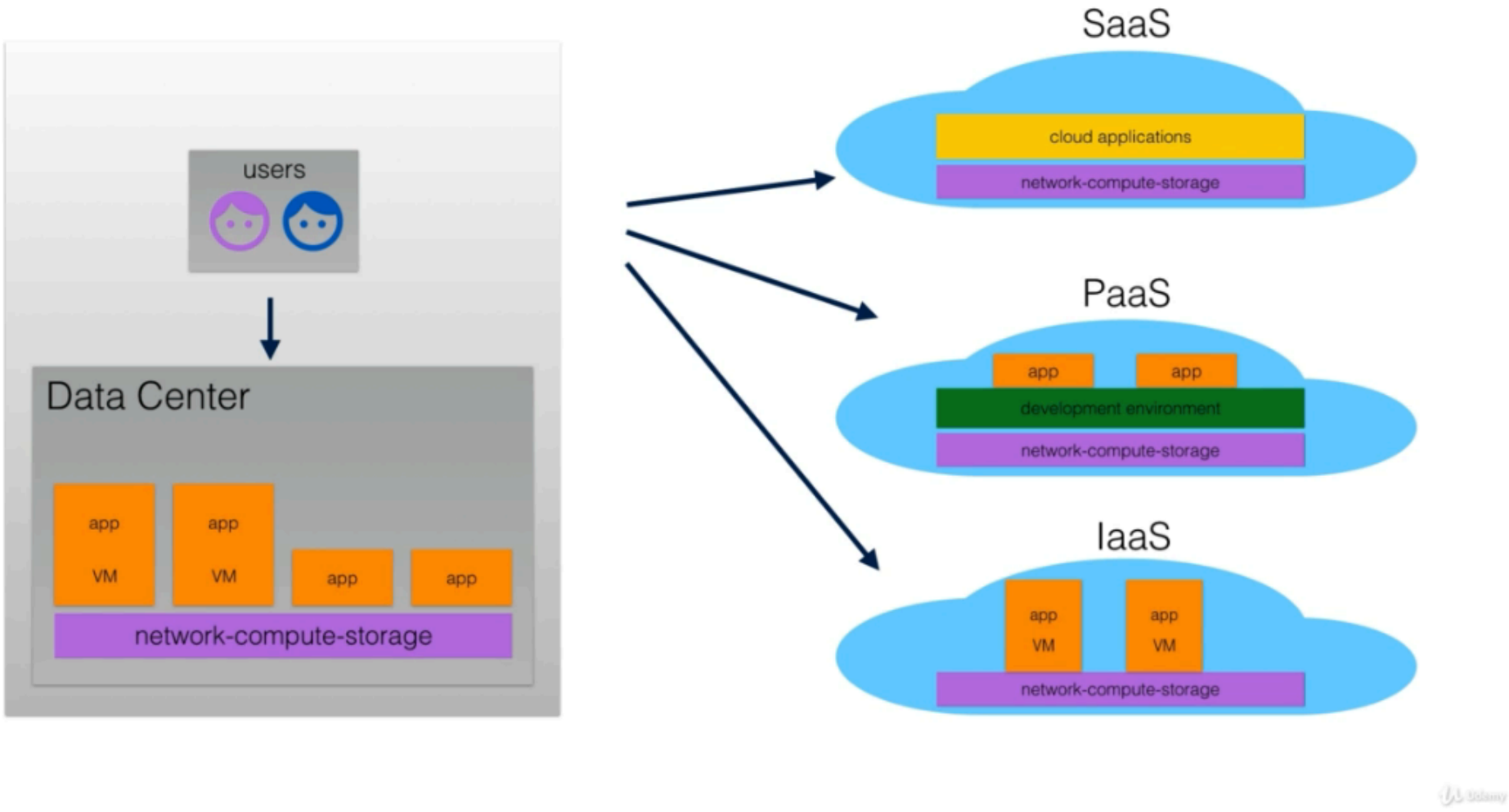
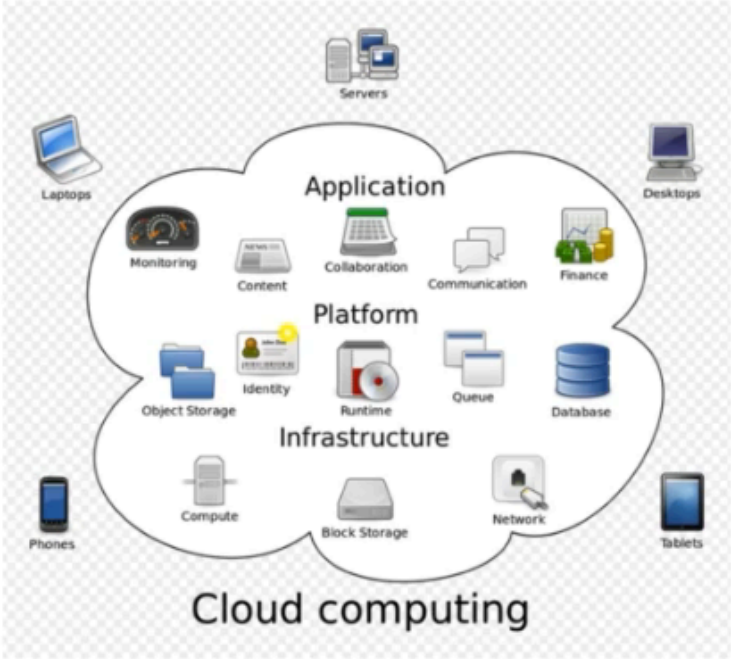
Introduction to Cloud Computing


users
Data Center
app
VM
app
VM
app
app
network-compute-storage
SaaS
cloud applications
network-compute-storage
PaaS
app
app
development environment
network-compute-storage
IaaS
app
VM
app
VM
network-compute-storage

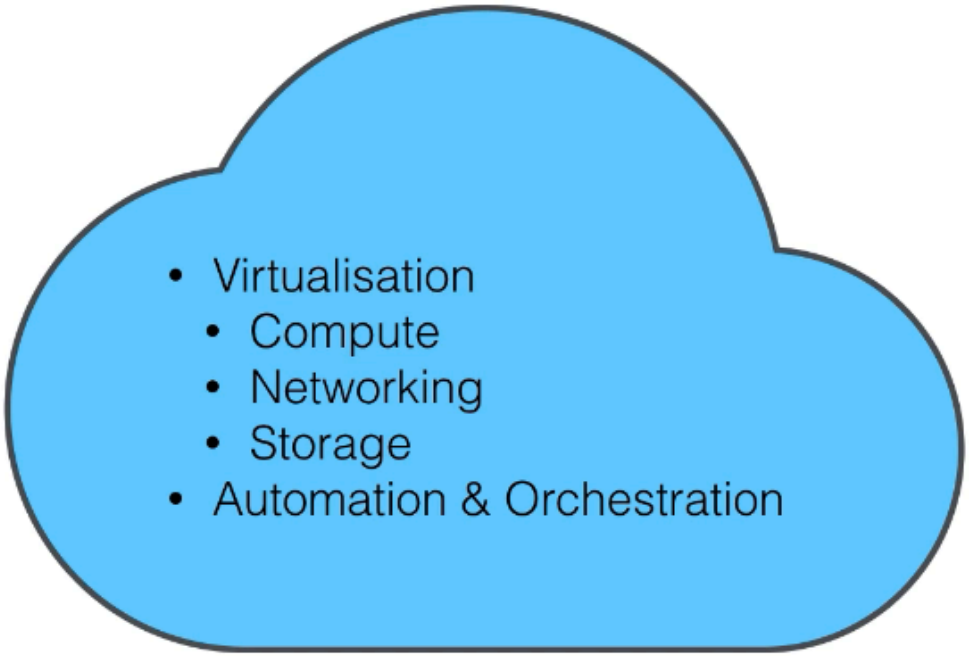
Cloud Computing Definition

- On-demand self-service
- Broad network access
- Resource pooling
- Rapid elasticity
- Measured service.

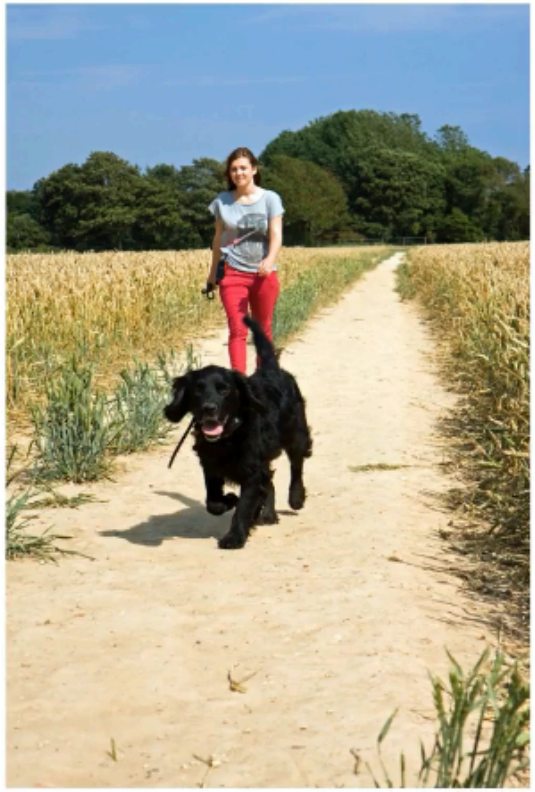


Cloud Enabling Technologies & Comparison with Traditional IT

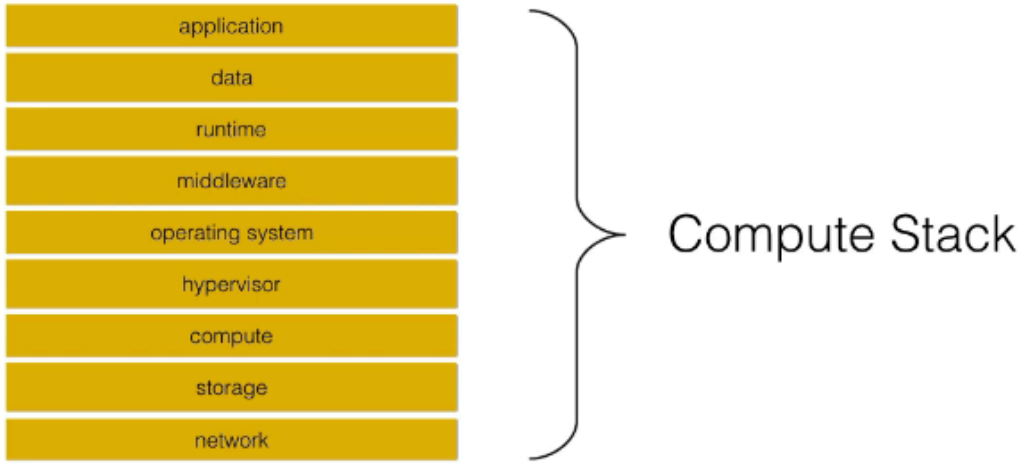
Enabling Technologies



Traditional IT vs Cloud



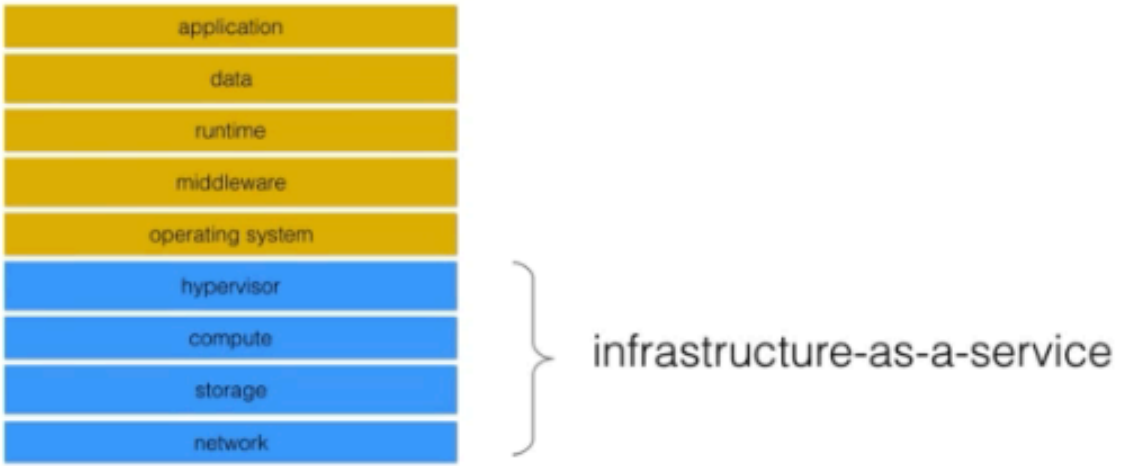
Traditional Computing Stack



Cloud Delivery & Deployment Types

RED PLANET

Infrastructure As A Service



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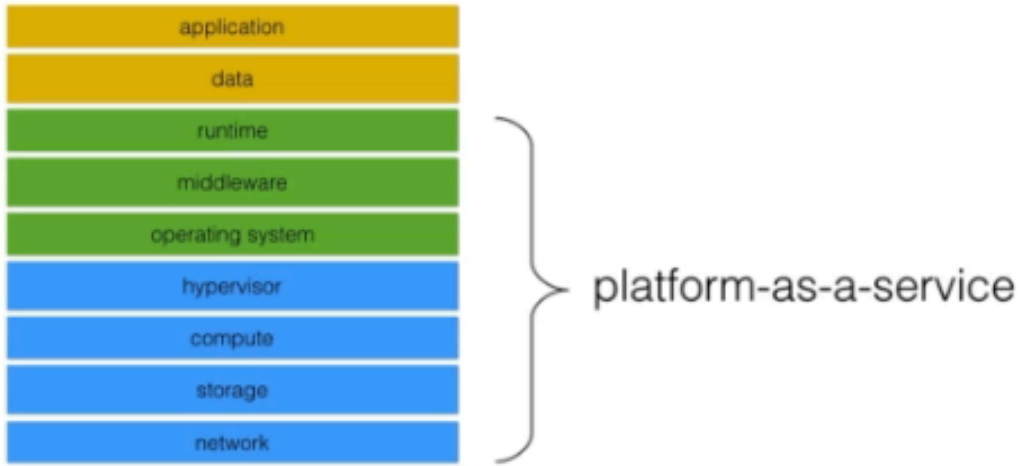
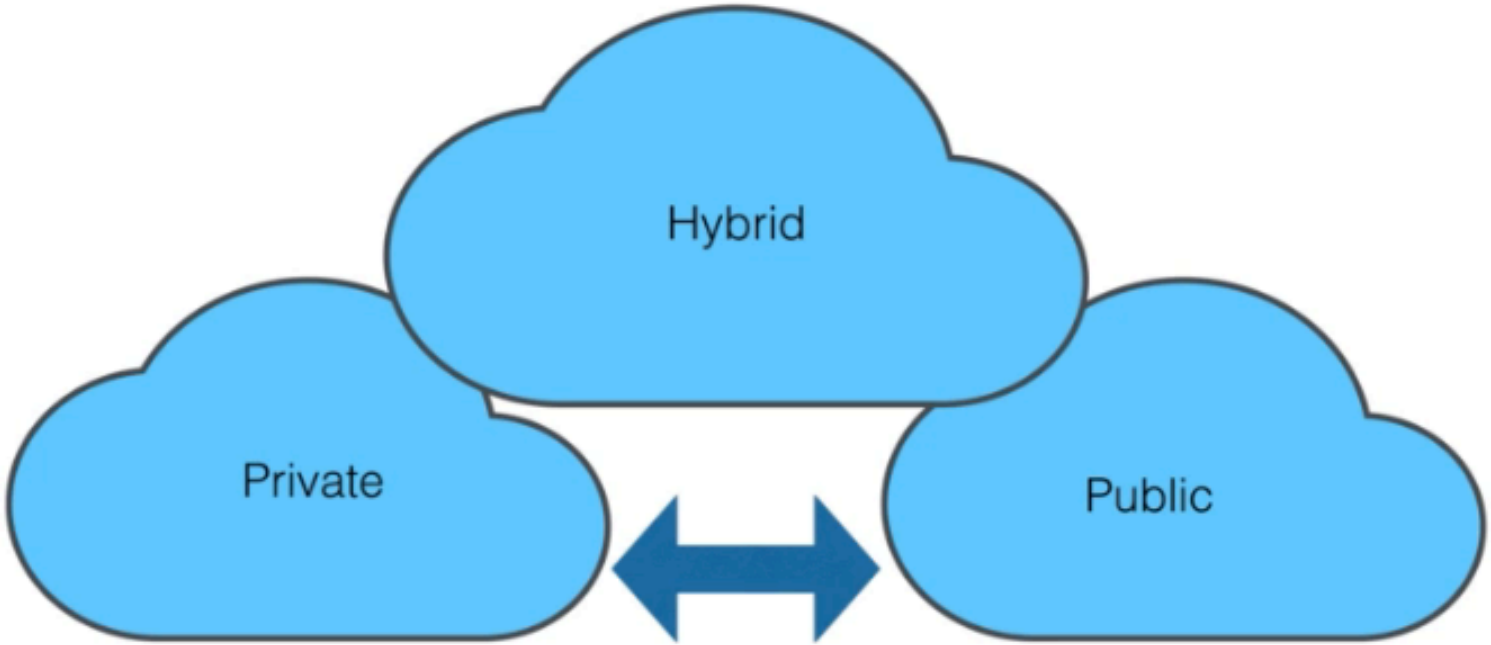
CC

Platform As A Service



Software As A Service

Cloud Deployment



Cloud Computing Quiz

Quiz 1 | 2 questions

Knowledge check related to cloud computing

Start quiz Skip quiz

Good job!

Correct!

Question 1:

Which cloud delivery type below abstracts runtime infrastructure, middleware and operating system in addition to compute, network and storage resources?

- IaaS
- PaaS
- SaaS

Question 2:

Which one of the following is not an essential characteristic of cloud computing?

- On demand self-service
- Rapid elasticity
- Measured service
- Open source

Skip question Check answer

Good job!

Correct.Not all clouds are open source.

Question 2:

Which one of the following is not an essential characteristic of cloud computing?

- On demand self-service
- Rapid elasticity
- Measured service

See results >

Great job! You are ready to move on to the next lecture.

You got 2 out of 2 correct on the first attempt.

What you know

Which cloud delivery type below abstracts runtime infrastructure, middleware and operating system ...

Which one of the following is not an essential characteristic of cloud computing?

Retry quiz | Continue