AWS Cloud Practitioner:

Main Areas

1. Cloud concepts
2. Security and compliance
3. Cloud Technology and Services
4. Billing, Pricing, and Support

**Cloud concepts** includes value proposition, design principles, benefits, and strategies for migrating existing IT infrastructure to AWS Cloud and Concepts of could economics.

Lecture 1:

What extecly the Cloud computing is?

* Its On-demand delivery of compute, database storage, applications, and other IT resources.
* Instantaneous access to computational, storage and software using the internet.
* Available when you want it, where we want it.
* Pay as you go model.

What is Virtual Machines?

Multiple complete operating systems that “live” in single piece of hardware.

Like one single computer having multiple complete operating systems running at the same time to do different things.

What is Hypervisor?

Software that links multiple hardware to use as one giant resource.

Advantages of Cloud Computing:

1. Trade capital expense for variable expense
2. Benefit from massive economies of scale.
3. Stop guessing capacity.
4. Increase speed and agility.
5. Stop sending money running and maintaining data centers.
6. Go global in minutes.