CLF-C01

Overview

AWS 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

- AWS Cloud Services Platform provides rapid access to flexible and low cost IT resources
- Pay-as-you-go pricing? Pay only for what you use, when you use it !
- 3 major serivce model: IaaS, PaaS, SaaS, the differences between them are Functionalityand Tasks' Ownership & Flexibility

Deployment Model

- **On-Premises, also known as Private Cloud**
  - Resources are deployed in your on-premises DC, using virtualization and resource management tools - VMWare, Hyper-V, OpenStack
  - Offters the ability to provide dedicated resources, not split between users or end customers (only your Apps sit on the actual hardware)
  - You have full control over your infrastructure and are responsibile for management and OS patching
- Hybrid
- Cloud

6 Advantages of AWS Cloud Computing

AWS Global Infra
- Regions
- AZs
- Edge Locations

AWS Mgmt Interfaces