

AWS Technical Essentials

Course Fee: HK\$4,200 (May apply up to HK\$2,800 subsidy)

*Maximum saving, with the final grant subjects to approval.

- Recognise terminology and concepts as they relate to the AWS platform and navigate the AWS Management Console.
- Understand the foundational services, including Amazon Elastic Compute Cloud (EC2), Amazon Virtual Private Cloud (VPC), Amazon Simple Storage Service (S3), and Amazon Elastic Block Store (EBS).
- Understand the security measures AWS provides and key concepts of AWS Identity and Access Management (IAM).
- Understand AWS database services, including Amazon DynamoDB and Amazon Relational Database Service (RDS).
- Understand AWS management tools, including Auto Scaling, Amazon CloudWatch, Elastic Load Balancing (ELB), and AWS Trusted Advisor.

Programme code	10012208
Duration and time	1 day 9:30-17:00
Venue	TBC
Medium	Cantonese, supplemented with English terminology
Course fee	HK\$4,200 (May apply up to HK\$2,800* subsidy)
Bring Your Own Device (BYOD):	Windows 7/10 / Mac OS 10.x or above with minimum 2 GB RAM and 20 GB hard disk

Course Description

AWS Technical Essentials introduces you to AWS products, services, and common solutions. It provides you with fundamentals to become more proficient in identifying AWS services so that you can make informed decisions about IT solutions based on your business requirements and get started working on AWS.

RTTP Training Grant Application

Companies should submit their RTTP training grant application for their employee(s) via <https://rttp.vtc.edu.hk/rttp/login> at least two weeks before course commencement. Alternatively, [application form](#) could be submitted by email to rttp@vtc.edu.hk along with supporting documents.

Course Outline

Module 1: AWS introduction and history

- AWS Global Infrastructure
- Demonstration: AWS Management Console

Module 2: Compute, network, and storage services

- Amazon Elastic Compute Cloud (EC2)
- Amazon Virtual Private Cloud (VPC)
- Amazon Simple Storage Service (S3)
- Amazon Elastic Block Store (EBS)
- Demonstration: Amazon Simple Storage Service (S3)
- Hands-on lab: Build your VPC and launch a web server

Module 3: AWS Security, AWS Identity and Access Management (IAM)

- AWS Identity and Access Management (IAM)
- Demonstration: AWS Identity and Access Management (IAM)

Module 4: Databases (RDS, DynamoDB)

- SQL and NoSQL databases
- Data storage considerations
- Hands-on lab: Build your database server and connect to it

Module 5: AWS elasticity and management tools

- Auto scaling
- Load balancing
- Cloud Watch
- Trusted Advisor
- Hands-on lab: Scale and load balance your architecture

Target Audience

- Individuals responsible for articulating the technical benefits of AWS services to customers
- Individuals interested in learning how to get started with using AWS
- SysOps administrators, Solution Architects and developers interested in using AWS services

Trainer Information

Raymond is a technical trainer in Great China Region for over 15 years. He has a solid knowledge in teaching Architecture, and Application Development to Government Enterprise, Small and Medium Business and Universities. He is an experienced IT consultant in many projects including web and app development, intranet and portal development, server setup and configuration.

Kitson is a technical trainer with 8 AWS Certifications. He has more than 4 years of experience in teaching Cloud Computing, Web Development and Programming in VTC. He has 4 years of experience in project management and software development of worldwide hospitality IPTV systems.

Enrolment Methods

1. Scan the QR code to check training schedule then complete the enrolment and payment online OR
2. Mail the crossed cheque with payee name "Hong Kong Productivity Council" (in HK dollar) to HKPC Academy, Hong Kong Productivity Council, 3/F, HKPC Building, 78 Tat Chee Avenue, Kowloon (attention to Mr Desmond CHAN). Please indicate the course name and course code on the envelope.



[Enrolment Link](#)

Supporting Organisations (In arbitrary order)

