

CLS009: AWS Certified Cloud Practitioner 2020

Overview:

This course is designed from absolute scratch and is intended for individuals who intend to begin their journey into AWS and give the AWS Cloud Practitioner Certification.

Who this course is for:

- Those intending to gain AWS Certified Cloud Practitioner certification
- Those who need to gain high level overview of Amazon Web Services

Course content:

1. Fundamentals of Cloud Computing Platform

- Introduction to the Course
- Introduction to Cloud Computing
- Cloud Computing Models
- Architecture of Cloud Environments
- On-Demand & Self Service - Characteristics of Cloud
- Characteristic of CSP - Elasticity
- Elasticity - Part 02

2. Understanding Core AWS Services

- Setting up Labs
- Setting up SSH Client
- Overview of Key Based Authentication
- Launching First EC2 Instance
- Document - Basic Commands
- Browser Based SSH Connection
- Creating First Website on EC2
- Document - Website Configuration Commands
- Understanding Basics of Firewall
- Multi-Factor Authentication
- Creating our first IAM user
- AWS Budgets
- Virtual Private Cloud (VPC)
- Overview of VPC Peering
- Important Note - VPC Peering
- Network ACL
- Document - Important Note NACL
- Introduction to Block & Object Storage Mechanism
- Introduction to Elastic Block Store
- Instance Store Volumes
- Introduction to ELB
- Creating our first Elastic Load Balancer
- Document - Important Pointer - ELB
- Resource Level Tags
- Auto Scaling
- Introduction to S3
- S3 - Public Access Settings
- S3 Storage Classes
- New S3 Storage Class - Intelligent-Tiering
- New S3 Storage Class - One Zone-IA
- New S3 Storage Class - Glacier Deep Archive
- Static Website Hosting with AWS S3
- S3 Lifecycle Policies
- Overview of Databases
- Introduction to RDS

- Connecting to RDS via CLI
- RDS Multi-AZ
- Overview of Amazon Aurora
- Understanding CloudWatch
- Understanding Simple Notification Service
- Introduction to DNS
- Packet capture of DNS records through Wireshark
- Understanding DNS Records
- Understanding Route53
- Understanding Serverless Architecture & Lambda
- Getting Started with AWS Lambda
- Introduction to Content Delivery Networks
- Demo - CloudFront
- Understanding Edge Locations
- Deploying CloudFront Distribution
- Deploying CloudFront Distribution - Part 02
- S3 Transfer Acceleration
- Infrastructure as Code
- Understanding CloudFormation
- Amazon Rekognition
- Overview of AWS ElasticBeanstalk
- AWS CodeCommit
- Document - Code Commit Commands
- Overview of CloudWatch Logs
- Business Intelligence and Data Warehouse
- Overview of Message Brokers
- Note - Message Broker
- Demo - Message Broker
- Simple Queue Service (SQS)
- AWS Snowball
- AWS ElastiCache
- AWS Storage Gateway
- Disaster Recovery Techniques
- AWS Global Accelerator
- Amazon Polly

3. Billing & Support Services

- AWS Well-Architected Framework
- AWS Personal Health Dashboard
- AWS Pricing Model
- EC2 Pricing in Detail
- Reserved Instances in Detail
- AWS Support Plans
- The TCO calculator
- AWS Whitepapers& Documentations
- AWS Organization & Consolidated Billing
- AWS Marketplace

4. Security Aspect

- Amazon Partner Network (APN)
- Understanding Shared Responsibility Model
- Understanding principle of least privilege
- Identity & Access Management
- AWS CLI
- Document - AWS CLI
- Compliance
- AWS Artifact

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- Overview of AWS Config
- AWS Trusted Advisor
- Understanding CloudTrail
- Real World example on DOS Implementation
- AWS Shield
- AWS Direct Connect
- Use Case of Hacked Server
- Dealing with Compromised AWS Account
- AWS Abuse Reports
- Amazon Machine Image (AMI)
- AWS Macie
- Vulnerability, Exploit, Payload
- Overview of AWS Inspector
- AWS Athena
- Patching Activity

5. Exam Preparation

- Overview of Cloud Practitioner Exam
- Important Pointers - Domain 1
- Important Pointers - Domain 2
- Important Pointers - Domain 3
- Important Pointers - Domain 4
- Important Pointers for Exams - Part 5
- Important Pointers for Exams - Part 6
- Notes - Important Pointers for Exams
- Exam Preparation Quiz - Set 1 (100 Questions)
- Exam Preparation Quiz - Set 2 (70 Questions)
- Exam Preparation Quiz - Set 3
- Exam Preparation Quiz - Set 4
- Exam Preparation Quiz - Set 5
- Exam Preparation Quiz - Set 6
- Exam Preparation Quiz 7

วิทยากร: อ.เอกฤทธิ์ ธรรมสกลิต



- MASTER OF BUSINESS ADMINISTRATION (EXECUTIVE) DEGREE
SASIN GRADUATE INSTITUTE OF BUSINESS ADMINISTRATION OF
CHULALONGKORN UNIVERSITY
- MASTER OF SCIENCE, MAJOR IN INFORMATION
Technology Faculty of Information Technology
KING'S MONGKUT INSTITUTE OF TECHNOLOGY LADKRABANG
- BACHELOR OF SCIENCE
KING'S MONGKUT INSTITUTE OF TECHNOLOGY NORTH BANGKOK
- DIPLOMA PROGRAM FOR MANAGEMENT
KELLOGG – NORTHWESTERN UNIVERSITY, UNITED STATE OF AMERICA

Certificate:

- Microsoft Certified professional (MCP)
- Microsoft Certified Systems Administrator (MSCA)
- Microsoft Certified Systems Engineer (MSCE)
- Cisco Certified Network Associate (CCNA)
- Certificate of CompTIA Security+
- Certified Technical training CTT+
- Certified Ethical Hacker
- Certified Hacking Forensic Investigator
- Certified Wireless Network Administrator
- Certified Wireless Security Professional

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จำนวนชั่วโมงในการฝึกอบรม: 1 วัน (6 ชั่วโมง)

กำหนดการอบรม: ตามตารางปฏิทินอบรมประจำปี <https://www.career4future.com/trainingprogram>

ช่วงเวลาฝึกอบรม: 9.00 - 16.00 น.

ค่าลงทะเบียนอบรม: ท่านละ 7,000 บาท (ราคารวมภาษีมูลค่าเพิ่มแล้ว)

** สถาบันฯ เป็นหน่วยงานราชการ จึงไม่อยู่ในเกณฑ์ที่ต้องถูกหักภาษี ณ ที่จ่าย

สถานที่ฝึกอบรม:

สถาบันพัฒนาบุคลากรแห่งอนาคต

เลขที่ 73/1 อาคารสำนักงานพัฒนาริทยาศาสตร์และเทคโนโลยีแห่งชาติ (สวทช.) ชั้น 6

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วิธีการสำรองที่นั่ง:

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