


AWS Cloud Practitioner Essentials

Date and duration
<p>Training code : AWS02EN</p> <p>Duration : 1 day</p> <p>Nombre d'heures : 7 heures</p>
Training with certification
AWS Certified Cloud Practitioner
Body
<p>Amazon Web Services (AWS) is a comprehensive and scalable cloud computing platform offered by Amazon. It provides a wide range of on-demand cloud services, including cloud storage, compute power, databases, artificial intelligence (AI), and the Internet of Things (IoT). Organizations of all sizes and industries use AWS to drive innovation, increase agility, and reduce IT infrastructure costs.</p> <p>This intensive AWS training will equip you with the practical skills to fully understand the fundamental concepts of the AWS Cloud. You will explore in depth the core AWS services, architecture, security, pricing, and support. Through hands-on exercises and quizzes, you will learn how to identify solutions for various cloud use cases, understand the AWS global infrastructure, and apply the AWS shared responsibility model.</p> <p>By the end of this one-day program, you will also be prepared for the AWS Certified Cloud Practitioner exam. You will gain the essential knowledge to confidently pursue the AWS Cloud Practitioner certification and validate your expertise in AWS cloud computing.</p>  <p><i>As a premium Authorized Training Partner (ATP) recognized by Amazon Web Services, Oo2 offers qualifying and certifying training programs that meet AWS's rigorous quality standards.</i></p>
Objectifs
<p><i>By the end of this AWS Cloud Practitioner Essentials training, you will be able to:</i></p> <ul style="list-style-type: none"> • Define the core concepts and fundamental principles of AWS. • Compare different IT deployment models: on-premises, hybrid cloud, and cloud-native. • Describe the architecture and components of the AWS global cloud infrastructure. • Assess the key business benefits of the AWS Cloud. • Identify and use essential AWS services (compute, networking, databases, storage) to meet specific needs. • Design solutions for various use cases using AWS Cloud services. • Apply the principles of the AWS Well-Architected Framework to build resilient architectures. • Understand and implement the AWS Shared Responsibility Model for cloud security. • Implement core AWS security services to protect data and applications.

- Plan and execute key steps in a migration to the AWS Cloud.
- Justify the financial benefits of AWS Cloud in terms of cost management.
- Manage AWS billing, accounts, and service pricing.
- Select and use AWS pricing tools to optimize costs.
- Effectively prepare for the AWS Certified Cloud Practitioner exam.

Points forts

- **Expert AWS Instructors:** Learn from AWS-certified trainers with in-depth knowledge of AWS Cloud fundamentals, core services, and best practices.
- **Interactive Hands-On Learning:** Strengthen your understanding through real-world examples, classroom activities, and knowledge checks. You will be prepared to identify solutions for various use cases and gain key insights into AWS security, architecture, pricing, and support.
- **Targeted Exam Preparation:** Benefit from comprehensive preparation for the AWS Certified Cloud Practitioner exam, including practical workshops aligned with the official exam format and requirements.

Certification

This training provides intensive preparation for the AWS Certified Cloud Practitioner exam. At the end of the course, you will receive a voucher code to schedule your exam.

AWS CLF-C02 Exam Details:

- Format: Multiple-choice, 65 questions
- Duration: 90 minutes
- Delivery: Pearson VUE testing centers or AWS online proctoring platform
- Languages available: English, Indonesian, French, German, Italian, Japanese, Korean, Portuguese, Spanish, and Chinese
- Passing score: Minimum of 720 points

Upon passing the exam, you will earn the AWS Certified Cloud Practitioner certification and receive a digital badge.

Important to know: The AWS Cloud Practitioner certification is valid for three years and requires recertification.

[Learn more about AWS certification renewal.](#)

Modalités d'évaluation

Quiz / QCM
Practical Work

Pré-requis

Recommended Prerequisites for Attending this AWS Training:

- A general understanding of business concepts and common IT practices.
- A basic knowledge of fundamental technical concepts in IT (e.g., networking, operating systems, storage, etc.).

Public

This training is intended for the following audiences:

- **Sales professionals responsible** for presenting AWS solutions and services to customers
- **Legal professionals involved** in contractual and compliance aspects related to AWS usage
- **Marketing professionals responsible** for promoting AWS offerings and communicating their benefits

- **Business analysts evaluating** organizational needs and recommending appropriate AWS solutions
- **IT project managers** planning and overseeing migration or deployment projects on AWS
- **AWS Academy students** enrolled in learning pathways focused on AWS technologies
- **Any IT professional** seeking a broad understanding of cloud computing on AWS

Programme

Module 1: Discovering Amazon Web Services

- The fundamental benefits of AWS
- Differences between on-premises and cloud deployment models
- How the pay-as-you-go pricing model works

Module 2: Exploring Cloud Compute

- Basics and benefits of Amazon EC2
- The different types of EC2 instances available
- Billing options for EC2 instances
- Benefits of Amazon EC2 Auto Scaling
- Benefits of Elastic Load Balancing
- Use cases for load balancing
- Differences between Amazon SNS and Amazon SQS
- Additional AWS compute services

Module 3: Understanding Global Infrastructure and Reliability

- Benefits of the AWS global infrastructure
- The concept of Availability Zones
- Benefits of CloudFront and Edge locations
- Methods for provisioning AWS services

Module 4: Learning Networking Fundamentals

- Basic concepts of computer networking
- Distinction between public and private network resources
- How a Virtual Private Gateway works
- How a Virtual Private Network (VPN) works
- Benefits of AWS Direct Connect
- Benefits of hybrid deployments
- Security layers in an IT strategy
- Services used to interact with the AWS global network

Module 5: Exploring Storage and Databases

- Basic concepts of storage and databases
- Benefits of Amazon EBS
- Benefits of Amazon S3
- Benefits of Amazon EFS
- AWS storage solutions
- Benefits of Amazon RDS
- Benefits of Amazon DynamoDB
- Using AWS database services

Module 6: Understanding AWS Security

- The Shared Responsibility Model
- Multi-Factor Authentication (MFA)
- AWS IAM security levels
- Basic security policies
- Benefits of AWS Organizations
- Importance of AWS compliance
- Essential AWS security services

Module 7: Learning Monitoring and Analytics

- Approaches to monitoring an AWS environment
- Benefits of Amazon CloudWatch
- Benefits of AWS CloudTrail
- Benefits of AWS Trusted Advisor

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