Updated 02/04/2025

Sign up

AWS Cloud Practitioner certification training

ALL-IN-ONE: EXAMINATION INCLUDED IN PRICE

3 days (21 hours)

Presentation

Prove your skills and knowledge of the AWS Cloud. We'll support you throughout the training to help you understand different principles of Cloud AWS, thanks to our preparation for the AWS Cloud Practitioner certification.

During exam, you'll cover topics such as the value of the Cloud, or best practices in terms of security. You'll also cover the economic aspects and billing practices of the Cloud, as well as the main services offered by AWS.

This certification preparation course will give you all the skills you need to understand, identify and define AWS cloud terminology. Our trainer can tailor the course to suit your specific needs.

Objectives

- Master the main AWS services
- Understanding the value of the Cloud
- Be able to explain the AWS shared responsibility model
- Describe AWS databases, networks and storage
- Understanding billing models and security concepts

Target audience

- Computer technicians
- Project managers
- Marketing staff

Prerequisites

- At least 6 months' experience of the AWS cloud
- Basic knowledge of IT services

AWS Cloud Practitioner Certification Preparation Program

Cloud concepts

- Defining the AWS Cloud and its value
  - Reliability
  - High availability
  - Security
  - Elasticity
  - Know how to scale
  - Economies of scale
- Enable users to focus on operational value with the AWS Cloud
- Identifying the business aspects of AWS Cloud
- Explain the basics of creating cloud architectures

Safety and compliance

- Determine the AWS shared responsibility model
- Identify compliance and security concepts
- Identify all access control functions in AWS
- Locate resources to ensure safety
  - Recognizing network security features
  - Knowing the components of safety controls

Technologies

- Identify deployment and operation methods
  - Specify the different methods of provisioning and operation
  - Define deployment model types
  - Connection options
- Description of AWS global infrastructure
  - Relationships, availability zones, peripheral locations
  - Describe how to achieve high availability by using multiple availability zones
  - Amazon CloudFront
  - AWS Global Acceleerator
- Learn about the main AWS services
  - Service categories
  - Computing services (AWS Lambda, Amazon EC2, Amazon ECS)
  - Storage services (Amazon S3, Amazon EFS, Amazon EBS)
  - Networking services (VPC, AWS Direct Connect)
  - Database services (Amazon RDS, DynamoDB, Redshift)

- Identifying technology support resources
  - AWS Trusted Advisor
  - Identify support scope and levels (AWS Abuse)
  - Identify sources of technical assistance and knowledge
  - Partner network

Billing and pricing

- Comparison of different pricing models
  - Instance-on-demand scenario
  - Reserved instances scenario
  - Spot instance scenario
- Identify AWS billing and pricing account structures
  - Recognize that a consolidated invoice is a feature of AWS Organizations
  - Breakdown of costs between departments
- Know what resources are available for billing support
  - Identification of support resources and billing information
  - Alarms and alerts
  - Beacons

STRATEGY AND METHODS FOR PASSING THE MOCK EXAM

EXCHANGE ON SPECIFIC POINTS

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire enabling us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives with regard to the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.