≡   **aws** training and certification(/lea

Learner dashboard (/pages/16/learner-dashboard)   **Course catalog (/learn/catalog)**   **Exam Prep: AWS Certified Clou**

Exam Prep: AWS Certified Cloud Practitioner (CLF-C01)
ID: E-0JZWDV

Languages: English - Duration: 3h - ★★★★★5

ABOUT THIS COURSE   MATERIALS   ADDITIONAL INFORMATION

Languages Available: **Deutsch (https://explore.skillbuilder.aws/learn/course/external/view/elearning/14252/Exam-Prep:-AWS-Certified-Cloud-Practitioner-German-) | Español (Latinoamérica) (https://explore.skillbuilder.aws/learn/course/external/view/elearning/14135/Exam-Prep:-AWS-Certified-Cloud-Practitioner-Spanish-from-Latin-America-) | Español (España) (https://explore.skillbuilder.aws/learn/course/external/view/elearning/14478/Preparaci%C3%B3n-para-el-examen:-AWS-Certified-Cloud-Practitioner-Espa%C3%B1ol-de-Espa%C3%B1a-%7C-Exam-Prep:-AWS-Certified-Cloud-Practitioner-Spanish-from-Spain-) | Français (https://explore.skillbuilder.aws/learn/course/external/view/elearning/13946/Exam-Prep:-AWS-Certified-Cloud-Practitioner-French-) | Bahasa Indonesia (https://explore.skillbuilder.aws/learn/course/external/view/elearning/14167/Exam-Prep:-AWS-Certified-Cloud-Practitioner-Indonesian-) | Italiano (https://explore.skillbuilder.aws/learn/course/external/view/elearning/14431/Exam-Prep:-AWS-Certified-Cloud-Practitioner-Italian-) | 日本語 (https://explore.skillbuilder.aws/learn/course/external/view/elearning/14454/Exam-Prep:-AWS-Certified-Cloud-Practitioner-Japanese-) | 한국어 (https://explore.skillbuilder.aws/learn/course/external/view/elearning/14354/Exam-Prep:-AWS-Certified-Cloud-Practitioner-Korean-) | Português (Brasil) (https://explore.skillbuilder.aws/learn/course/external/view/elearning/13551/Exam-Prep:-AWS-Certified-Cloud-Practitioner-Portuguese-) | 中文（简体) (https://explore.skillbuilder.aws/learn/course/external/view/elearning/14357/Exam-Prep:-AWS-Certified-Cloud-Practitioner-Simplified-Chinese-) | 中文（繁體) (https://explore.skillbuilder.aws/learn/course/external/view/elearning/14401/Exam-Prep:-AWS-Certified-Cloud-Practitioner-Traditional-Chinese-)**

In this foundational-level course from Amazon Web Services (AWS), you will learn how to assess your preparedness for the **AWS Certified Cloud Practitioner (https://aws.amazon.com/certification/certified-cloud-practitioner/)** exam. The AWS Certified Cloud Practitioner certification requires candidates to demonstrate an overall knowledge of the AWS Cloud independent of a specific job role. Throughout this course, you will explore the exam's various topic domains, and learn how they map to both AWS

Cloud practitioner roles and to specific areas of study. You will also review sample
certification questions in each domain by interpreting the concepts that are being
tested in the exam.

Course level: Foundational

Duration: 3 hours

For the full exam prep course, including hands-on labs, additional practice questions,
and a full-length practice exam, see **Exam Prep: AWS Certified Cloud Practitioner (CLF-
C01) (with Practice Material)
(https://explore.skillbuilder.aws/learn/course/internal/view/elearning/9456/exam-
prep-aws-certified-cloud-practitioner-clf-c01-with-practice-material)**.

Activities

This course includes the following:

- Videos by expert instructors, who deliver presentations and review sample
  questions

Course objectives

After completing this course, you should be able to complete the following tasks:

- Explain the value of the AWS Cloud
- Understand and explain the AWS shared responsibility model
- Understand security best practices
- Understand AWS Cloud costs, economics, and billing practices
- Describe and position the core AWS services, including compute, network,
  databases, and storage
- Identify AWS services for common use cases

Intended audience

This course is intended for anyone preparing to take the AWS Certified Cloud
Practitioner exam.

Prerequisites

We recommend that attendees of this course have the following knowledge:

- Understanding of AWS Cloud concepts
- Understanding of security and compliance within the AWS Cloud
- Understanding of the core AWS services
- Understanding of the economics of the AWS Cloud

Course outline

Course Introduction

Module 1: Cloud Concepts

Define the AWS Cloud and its value proposition

- Define the benefits of the AWS Cloud

- Explain how the AWS Cloud allows users to focus on business value
- Question walkthrough

Identify aspects of AWS Cloud economics

- Define items that would be part of a Total Cost of Ownership (TCO) proposal
- Identify which operations will reduce costs by moving to the cloud
- Question walkthrough

Explain the different cloud architecture design principles

- Explain the design principles
- Question walkthrough

Module 2: Security and Compliance

Define the AWS shared responsibility model

- Recognize the elements of the shared responsibility model
- Describe the customer's responsibility on AWS
- Describe AWS responsibilities
- Question walkthrough

Define AWS Cloud security and compliance concepts

- Identify where to find AWS compliance information
- At a high level, describe how customers achieve compliance on AWS
- Describe who enables encryption on AWS for a given service
- Recognize there are services that will aid in auditing and reporting
- Explain the concept of least privileged access
- Question walkthrough

Identify AWS access management capabilities

- Understand the purpose of User and Identity Management
- Question walkthrough

Identify resources for security support

- Recognize there are different network security capabilities
- Recognize there is documentation and where to find it (for example, best practices, whitepapers, official documents)
- Know that security checks are a component of AWS Trusted Advisor

Module 3: Technology
Learner dashboard (/pages/16/learner-dashboard)   Course catalog (/learn/catalog)   Exam Prep: AWS Certified Clou
Define methods of deploying and operating in the AWS Cloud

- At a high level, identify different ways of provisioning and operating in the AWS Cloud
- Identify different types of cloud deployment models
- Identify connectivity options
- Question walkthrough

Define the AWS global infrastructure

- Describe the relationships among Regions, Availability Zones, and Edge Locations
- Describe how to achieve high availability through the use of multiple Availability Zones
- Describe when to consider the use of multiple AWS Regions
- Describe the benefits of Edge Locations at a high level
- Question walkthrough

Identify the core AWS services

- Describe the categories of services on AWS (compute, storage, network, database)
- Identify AWS compute services
- Identify different AWS storage services
- Identify AWS networking services
- Identify different AWS database services
- Question walkthrough

Identify resources for technology support

- Recognize there is documentation (best practices, whitepapers, AWS Knowledge Center, forums, blogs)
- Identify the various levels and scope of AWS Support
- Recognize there is the AWS Partner Network (APN) and the AWS Marketplace, including independent software vendors and system integrators
- Identify sources of AWS technical assistance and knowledge including professional services, solutions architects, training and certification, and the APN
- Identify the benefits of using AWS Trusted Advisor
- Question walkthrough

Module 4: Billing and Pricing

Compare and contrast the various pricing models for AWS (for example, On-Demand Instances, Reserved Instances, and Spot Instance pricing)

- Identify scenarios or the best fit for On-Demand Instance pricing
- Identify scenarios or the best fit for Reserved Instance pricing
- Identify scenarios or the best fit for Spot Instance pricing
- Question walkthrough

Recognize the various account structures in relation to AWS billing and pricing

- Recognize that consolidated billing is a feature of AWS Organizations
- Identify how multiple accounts aid in allocating costs across departments
- Question walkthrough

Identify resources available for billing support

- Identify ways to get billing support and information
- Identify where to find pricing information on AWS services
- Recognize that alarms and alerts exist
- Identify how tags are used in cost allocation

Question walkthrough

Free

ENROLL

Support (https://support.aws.amazon.com/#/contacts/aws-training) | Legal (https://aws.amazon.com/legal/?nc1=f_cc) | Privacy (https://aws.amazon.com/privacy/?src=aws_training) | Cookie Policy   ©2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.