# AWSC-17 - AWS CLOUD PRACTITIONER ESSENTIALS

Categoria: **Amazon Web Services**

## INFORMAZIONI SUL CORSO

| Durata: | Categoria: | Qualifica Istruttore: | Dedicato a: | Produttore: |
|---|---|---|---|---|
| 1 Giorni | Amazon Web Services | Docente Senior (min. 5 anni) | Professionista IT | PCSNET |

## OBIETTIVI

In this course, you will learn to do the following:

- Explain cloud computing, recognize IaaS, PaaS, and SaaS as the industry and exam vocabulary for cloud service models, and apply this course's practical lens that sorts AWS services by operational effort (serverless for builders, managed for builders, and services ready for direct business-user use) to choose a tool, and describe how AWS global infrastructure affects deployment decisions.
- Identify the six pillars of the Well-Architected Framework and recognize which pillar applies to a given cloud decision.
- Describe the financial advantages of cloud (CapEx versus OpEx, economies of scale) to build the business case for AWS.
- Identify the 7 Rs as migration strategies and recognize which applies to a given workload within a strategic migration plan.
- Identify whether a security task belongs to AWS, the customer, or is shared under the shared responsibility model.
- Recognize IAM components and identify how the principle of least privilege applies to a given access scenario.
- Match common workload requirements to appropriate AWS compute, storage, and database services.
- Describe VPC components and identify how network-level connectivity and security controls apply to a given scenario.
- Match cost scenarios to the appropriate AWS cost management tool for monitoring, forecasting, or optimization needs.
- Distinguish between AWS services that require architecture design and configuration and services that are ready for direct employee use, and identify examples of each (e.g., Amazon Quick Suite, Kiro).
- Develop a personal 30-day learning plan identifying skills to develop and resources to use.

## PREREQUISITI

No specific prerequisites are required for this course

## CONTENUTI

**Module 1: Your First Day in the Cloud**

- Workplace Scenario and Cloud Computing Basics

-AWS Access Methods and Console Orientation
-AWS Global Infrastructure and Knowledge Check

**Module 2: Why Cloud? the Business Case**
-Cloud Financial Advantages

**Module 3: The Core Services You'll Work with Every Day**
-Compute Services
-Storage Services
-Database Services
-Networking with VPC
-Additional Service Categories and Knowledge Check

**Module 4: Security, Your Most Important Day-1 Skill**
-Shared Responsibility Model
-IAM and Least Privilege
-The AWS Security Toolbox

**Module 5: Well-Architected & Moving to the Cloud**
-The Well-Architected Framework as a Decision Lens
-Migration Strategies and Cloud Adoption Framework

**Module 6: Money Matters — Understanding and Managing Costs**
-Cost Management Tools
-Account Structure and Cost Allocation
-Purchasing Options and Pricing Models

**Module 7: Getting Help and Growing From Here**
-Ready-to-Use Services for Direct Employee Use
-Confidence Check and Personal 30-Day Learning Plan

**Module 8: Wrap-Up**
-Course Wrap-Up

## INFO

**Esame:** CLF-C02 - AWS Certified Cloud Practitioner
**Materiale didattico:** Materiale didattico in formato digitale
**Costo materiale didattico:** incluso nel prezzo del corso a Calendario
**Natura del corso:** Operativo (previsti lab su PC)