

Cloud Practitioner

AWS Cloud Practitioner Essentials

Description

This course is for individuals who seek an overall understanding of the Amazon Web Services (AWS) Cloud, independent of specific technical roles. You will learn about AWS Cloud concepts, AWS services, security, architecture, pricing, and support to build your AWS Cloud knowledge. This course also helps you prepare for the AWS Certified Cloud Practitioner exam.

In today's digital-first world, understanding the cloud has become an essential skill for a wide range of careers. Whether you're stepping into cloud for the first time, leading IT teams, or expanding your technical expertise, knowledge of cloud is essential to innovate and scale. Amazon Web Services (AWS) continues to be a key player in the cloud space, and we've recently updated our AWS Cloud Practitioner Essentials course to provide you with the most relevant, up-to-date knowledge.

We'll take you through the fundamentals of AWS services, pricing, security, monitoring, and architecture.

Objectives

- Describe fundamental functions and benefits of the AWS Cloud.
- Explain how virtual compute resources are provisioned and managed in the AWS Cloud.
- Explain how AWS compute services support scalable, serverless application environments.
- Describe fundamental components and benefits of the AWS Global Infrastructure.



- Describe AWS networking components and services.
- Describe AWS storage services, storage tiers, and data lifecycle policies.
- Describe AWS database services and migration tools.
- Describe the benefits and purpose of AWS AI/ML services, AWS generative AI services, and AWS ETL data pipelines.
- Explain how AWS security services protect against network attacks, safeguard data, and help you detect and respond to security incidents.
- Describe AWS monitoring, compliance, and governance services.
- Describe fundamental concepts, services, and features of AWS Pricing and AWS Support.
- Describe AWS migration strategies and services.
- Describe specialised AWS services and the six pillars of the AWS Well-Architected Framework.

AWS Services

- Amazon Elastic Compute Cloud
- AWS Identity and Access Management
- Amazon Simple Storage Service

Intended Audience

- Learners starting their cloud journey.

Recommended previous knowledge

General IT business knowledge, General IT technical knowledge

AWS SimuLearn: Cloud Practitioner

Description

The AWS SimuLearn:Cloud Practitioner Learning Plan is designed to provide a comprehensive introduction to AWS cloud concepts and services through immersive simulations and 12 hands-on lab exercises. You will gain a fundamental understanding of AWS Cloud computing principles, common use cases, security best practices, billing and pricing models, and the business impacts of cloud adoption. You will build basic solutions using AWS services such as compute, networking, databases, and security services. As you progress, you will have developed a solid foundation in AWS cloud concepts.

Before you begin with AWS SimuLearn, you can choose between a scripted dialog experience or a dynamic dialogue mode powered by generative AI agents. The scripted experience will walk you through a simulated customer meeting automatically, while the open dialog mode will allow you to chat with a virtual customer powered by generative AI.

Objectives

Develop a solid foundation in AWS cloud concepts and services

AWS Services

- Amazon Elastic Compute Cloud
- Amazon EC2 Auto Scaling
- Amazon Simple Storage Service
- Amazon VPC
- Amazon Relational Database Service

Intended Audience

- Cloud computing learners
- AWS Cloud beginners
- Professionals interested in cloud technologies



AWS Cloud Quest: Cloud Practitioner

Description

AWS Cloud Quest: Cloud Practitioner is a role-based learning experience designed to equip you with practical AWS Cloud skills. Featuring 12 FREE hands-on assignments that guide you through building real-world solutions, this course is enriched by instructional videos, architecture diagrams, knowledge quizzes, and a competitive tournament mode. By exploring fundamental cloud concepts such as compute, networking, security, and storage, this course prepares you for certification and lays the foundation for advanced cloud concepts.

- No prior experience is necessary. Start now and Cloud Quest will assist you along a foundational learning path at your own pace.
- Create your avatar, talk to virtual customers, then solve their problems to upgrade your virtual city.
- Learn how to build real-life solutions and gain hands-on experience with AWS services.
- Learn continuously with AWS quiz questions, learning videos, and architecture puzzles. Solve solution labs that require you to apply knowledge.
- Earn an official AWS credential by completing all Cloud Quest: Cloud Practitioner assignments.

Objectives

- Build real-world solutions
- Gain hands-on experience with AWS services
- Learn fundamental cloud concepts
- Prepare for AWS certification

AWS Services

- Amazon EC2 Auto Scaling
- Amazon CloudWatch
- Amazon DynamoDB
- Amazon Elastic Compute Cloud
- Amazon Elastic File System
- Elastic Load Balancing
- AWS Identity and Access Management
- Amazon Relational Database Service
- Amazon Simple Storage Service
- Amazon VPC

Intended Audience

- Beginners in cloud computing
- Aspiring cloud practitioners
- Those seeking AWS certification

Recommended previous knowledge

No prior experience necessary



AWS Card Clash - an Architecture Design Game

Description

AWS Card Clash is a 3D card game that helps learners gain knowledge of AWS Cloud architectures, and provides a new and engaging way to learn about AWS services and solution design. It uses strategic turn-based gameplay help individuals at all skill levels gain a working knowledge of AWS services, and how they interface within a solution. Test your skills in head-to-head multiplayer by challenging other players, or play against AI opponents at your own pace.

New Generative AI path is available now! Learn how AWS AI services combine to create chatbots using Amazon Bedrock, content generation apps, and custom knowledge-bases powered by Amazon Q. The gameplay familiarizes learners with AWS AI services and practical generative AI use-cases.

Choose from 57 unique architecture designs, then deploy AWS service cards into missing slots to complete the solution diagram before your opponent does. Each architecture slot and AWS Service card provide details about an AWS service and introduces solution design concepts.

Choose from 4 learning paths including Cloud Practitioner, Solutions Architect Serverless Developer and Generative AI, to explore the building blocks of AWS Cloud Architecture. AWS Card Clash explores AWS services and how they work within real-world use cases.

Objectives

- Learn AWS services and solution design
- Gain working knowledge of AWS services
- Explore AWS Cloud Architecture building blocks
- Understand how AWS services interface within solutions

Intended Audience

- Cloud Practitioners
- Solutions Architects
- Individuals interested in AWS services
- Learners at all skill levels



Digital Classroom - AWS Cloud Technical Essentials

Description

AWS Cloud Technical Essentials introduces you to essential Amazon Web Services and common solutions. The course covers the fundamental AWS concepts related to compute, database, storage, networking, monitoring, and security. You will start working in AWS through hands-on course experiences. The course covers the concepts necessary to increase your understanding of AWS services, so that you can make informed decisions about solutions that meet business requirements. Throughout the course, you will gain information on how to build, compare, and apply highly available, fault tolerant, scalable, and cost-effective cloud solutions.

Course level: Fundamental Duration: 16 Hours

AWS Services

- AWS Identity and Access Management
- Amazon Elastic Compute Cloud
- AWS Lambda

Technology

- security
- networking
- access_management
- storage
- databases
- monitoring



Intended Audience

- Individuals responsible for articulating technical benefits of AWS services to customers
- Individuals interested in learning how to get started with AWS SysOps
- SysOps administrators, Solutions Architects, Developers

Recommended previous knowledge

IT experience, Basic knowledge of common data centre architectures and components (servers, networking, databases, applications, and so on), No prior cloud computing or AWS experience is required

AWS Technical Essentials

Description

AWS Technical Essentials, Part 1 and Part 2, introduces you to essential Amazon Web Services and common solutions. The course covers the fundamental AWS concepts related to compute, database, storage, networking, monitoring, and security. You will start working in AWS through hands-on course experiences. The course covers the concepts necessary to increase your understanding of AWS services, so that you can make informed decisions about solutions that meet business requirements. Throughout the course, you will gain information on how to build, compare, and apply highly available, fault tolerant, scalable, and cost-effective cloud solutions. This course includes reading text, interactive lessons, videos, demonstrations, and knowledge check questions.

Course level: Fundamental. Duration: 240 minutes

Objectives

- Describe terminology and concepts related to AWS services
- Navigate the AWS Management Console
- Articulate key concepts of AWS security measures and AWS Identity and Access Management (IAM)
- Distinguish between several AWS compute services, including Amazon Elastic Compute Cloud (Amazon EC2) and AWS Lambda
- Distinguish between several AWS container services, including Amazon Elastic Container Service (Amazon ECS) and Amazon Elastic Kubernetes Services (Amazon EKS)
- Describe AWS database and storage offerings, including Amazon Relational Database Service (Amazon RDS), Amazon DynamoDB, and Amazon Simple Storage Service (Amazon S3)
- Explore AWS networking services
- Access and configure Amazon CloudWatch monitoring features

AWS Services

- Amazon DynamoDB
- Amazon Elastic Compute Cloud
- AWS Identity and Access Management

Intended Audience

- Individuals responsible for articulating technical benefits of AWS services to customers
- Individuals interested in learning how to get started with AWS
- SysOps administrators
- Solutions architects
- Developers

Recommended previous knowledge

IT experience, Basic knowledge of common data centre architectures and components (servers, networking, databases, applications, and so on), No prior cloud computing or AWS experience is required

AWS Well-Architected Foundations

Description

The AWS Well-Architected Framework helps you make informed decisions about your customers' architectures and understand the impacts of design decisions. By using this framework, you will become aware of the risks in your architecture and ways to mitigate them. This course is designed to provide a deep dive into the Well-Architected Framework and its six pillars. You will learn about the AWS Well-Architected Review process and how to use the AWS Well-Architected Tool to complete reviews.

After the course is complete, and you have passed the assessment with a 80 percent or higher score, you will be granted a digital Well-Architected Proficient badge. This badge verifies the achievement of completing this course and passing the assessment.

Course level: Fundamental Duration: 3 hours

Objectives

- Identify the Well-Architected Framework, including its features, pillars, and common use cases.
- Understand best practices and design principles for each pillar (operational excellence, security, reliability, performance efficiency, cost optimization, and sustainability).
- Use the Well-Architected Tool to conduct Well-Architected Reviews.

AWS Services

- Amazon Simple Storage Service
- AWS Well-Architected
- Amazon Elastic Compute Cloud

Intended Audience

- Technical professionals who architect, build, and operate Amazon Web Services (AWS) solutions
- AWS customers
- AWS Partners

Recommended previous knowledge

None

Industry-recognised Certificate

Upon successful completion of the course, you will receive an industry-recognised certificate of completion from Ecorporate Trainings.



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Completion Certificate



AWS Cloud Practitioner



This certificate is awarded to an individual or team that
has demonstrated exceptional work quality or results
in the relevant project.





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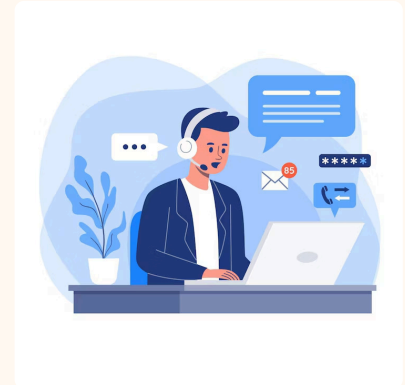
Ask your queries to our experts!

Ecorporate Trainings course counsellors and learner support advisors are available 24x7 to help you with your learning needs.

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or

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