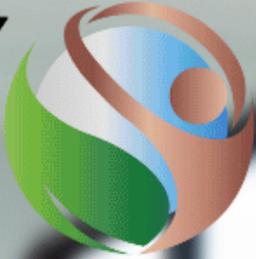


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S M A R T C I T I E S

AWS CERTIFIED CLOUD PRACTITIONER

CCP OVERVIEW

ONLINE TRAINING BY KRISHNAJI PAWAR

LEED AP(BD+C), GSAS CGP, GCP, ISO 14001

KNOWLEDGE IS POWER

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MODULE

1

Introduction and Course Outline

KRISHNAJI PAWAR - CEO & FOUNDER

LEED AP(BD+C),GSAS CGP,GCP,ISO 14001

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BRIEF ABOUT ME

Krishnaji PAWAR

CEO & FOUNDER

Krishnaji Pawar is founder and CEO of Beyond Smart Cities. Before being named CEO in January 2020, Krishnaji held leadership roles at Beyond Smart Cities in both Sustainability ,Energy & Environmental Consultancy.

Specialized in developing sustainable design strategies for Green Building Certification Systems (LEED, GSAS, etc.), Energy & Water Conservation, Commissioning, Environmental Impact Assessment & Environmental Management Systems.

Currently responsible for 3,787 million square feet Green Building /Energy modeling Consulting since January 2008 in UAE, India and Qatar.



Learning Objectives

- **Introduction**
- What Is Cloud Computing?
- Understanding Your AWS Account
- Understanding the AWS Environmen
- Working with Your AWS Resource
- AWS Certified Cloud Practitioner Credential
- Summary and Resources
- AWS CCP Quiz_Test Your Knowledge!



INTRODUCTION

- The CCP is an entry-level credential that validates understanding of fundamental concepts and services associated with Amazon Web Services (AWS).
- The certification targets individuals seeking foundational knowledge of cloud technology and its application in the AWS ecosystem.
- The primary objective is to equip candidates with a comprehensive understanding of AWS cloud concepts, core services, security, architecture, pricing, and support.

THE CERTIFICATION COVERS SEVERAL CORE DOMAINS, INCLUDING:

- Cloud Concepts: Understanding the definition of cloud computing, its benefits, and the cost efficiency of cloud services.
- AWS Core Services: Demonstrating understanding of AWS core services such as Amazon EC2, Amazon S3, Amazon RDS, and Amazon VPC.
- Security and Compliance: Understanding AWS's shared responsibility model, compliance and governance standards, and the AWS Free Tier.
- Pricing and Support: Understanding AWS pricing models, including pay-as-you-go, reserved instances, and spot instances.
- Cloud Architecture and Design: Understanding cloud architecture principles like high availability, fault tolerance, and disaster recovery.



AWS CERTIFIED CLOUD PRACTITIONER (CCP) OVERVIEW

- Examination Structure: The exam consists of multiple-choice and multiple-response questions, typically comprising 65 questions. Candidates have 90 minutes to complete the examination, aiming for a passing score of 700 out of 1000.
- The certification enhances career prospects and fosters a culture of cloud literacy, essential in today's digital and cloud-centric business landscape.



BENEFITS OF AWS CERTIFIED CLOUD PRACTITIONER (CCP) CERTIFICATION

- **Validation of Knowledge and Skills:** The AWS CCP certification validates an individual's understanding of cloud principles and AWS services. This enhances their credibility and marketability.
- **Career Advancement Opportunities:** Certifications like the AWS CCP can significantly enhance career advancement opportunities in the rapidly evolving cloud technology landscape. It enables professionals to enter roles that require cloud knowledge, such as cloud project management, sales roles in cloud services, or IT support positions.
- **Foundation for Further Specialization:** The certification provides a broad understanding of AWS services, critical for those looking to delve deeper into specific areas such as architecture, development, or operations.



BENEFITS OF AWS CERTIFIED CLOUD PRACTITIONER (CCP) CERTIFICATION +

- **Enhanced Understanding of Cloud Economics:** The certification provides an understanding of cloud economics, including pricing models and billing practices, essential for making informed decisions about cloud investments and resource allocation.
- **Improved Communication Across Teams:** The certification equips individuals with a common vocabulary and understanding of cloud concepts, enabling better collaboration across departments.
- **Increased Organizational Efficiency:** Employing AWS-certified cloud practitioners can lead to increased operational efficiency, as employees with cloud knowledge contribute to more informed decision-making.
- **Access to a Community of Professionals:** Holding the AWS CCP certification opens up opportunities for networking and community engagement, leading to professional growth and potential job opportunities.



KEY TERMS IN AWS CERTIFIED CLOUD PRACTITIONER (CCP)



- **Cloud Computing:** Delivers computing services over the internet for faster innovation, flexible resources, and economies of scale.
- **Elasticity:** Allows a system to dynamically allocate and deallocate resources to match current demand.
- **Scalability:** The capability of a system to handle a growing amount of work or its potential to accommodate growth.
- **High Availability:** Refers to a system's ability to remain operational and accessible over a prolonged period, minimizing downtime and ensuring services are continuously available.
- **Regions and Availability Zones:** A geographical area containing multiple isolated locations known as Availability Zones (AZs).

KEY TERMS IN AWS CERTIFIED CLOUD PRACTITIONER (CCP)

- **Networking and Content Delivery:** Facilitates communication between AWS resources and external users. Key services include Amazon VPC, Amazon Route 53, and Amazon CloudFront.
- **Security and Compliance:** Encompasses measures taken to protect data and applications in the cloud. AWS provides various security services, including AWS IAM, AWS Shield, and AWS Config.



KEY TERMS IN AWS CERTIFIED CLOUD PRACTITIONER (CCP)



- **Shared Responsibility Model:** Defines the security responsibilities of AWS and the customer. AWS manages the security of the cloud infrastructure, while customers are responsible for securing their applications and data within the cloud.
- **Storage Services:** Provides scalable and durable solutions for data storage. Notable services include Amazon S3, Amazon EBS, and Amazon Glacier.



WELCOME TO BEYOND SMART CITIES

Beyond Smart Cities is the world's 1st Green Technology Marketplace, connecting millions of Sustainability Specialists, Green Building Specialists, Energy Specialists, Commissioning Specialists, Environment Specialists, Health & Safety Specialists, Fire Safety Specialists, Climate Change Specialists & Green Products/Technology Manufacturers with independent talent around the globe.

Our mission is to build and support a global community of experts with the highest professional standards in sustainability, green building, energy, commissioning, environment, health & safety, fire safety, climate change, GHG accounting, carbon auditing, and GHG emissions management.



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THANK YOU

