



Masters Program

CLOUD COMPUTING CERTIFICATION TRAINING



500K+

Satisfied Students



100K+

Online Students



300+

Trainers



300K+

Placements



200+

Global Certifications



150+

Companies

AWS CP Module 1: Fundamentals of Cloud Computing

- ✓ Introduction to the Course
- ✓ Introduction to Cloud computing
- ✓ Fundamentals of Cloud computing
- ✓ Cloud Computing Models
- ✓ Architecture of Cloud Environments
- ✓ On-Demand & Self Service - Characteristics of Cloud
- ✓ Characteristic of CSP – Elasticity

Module 2: Understanding Core AWS Services

- ✓ AWS Global Infrastructure
- ✓ Setting up Labs
- ✓ Setting up SSH Client
- ✓ Overview of Key Based Authentication
- ✓ Launching First EC2 Instance
- ✓ Browser Based SSH Connection
- ✓ Creating First Website on EC2
- ✓ Understanding Basics of Firewall
- ✓ Multi-Factor Authentication
- ✓ Creating our first IAM user
- ✓ AWS Budgets
- ✓ Virtual Private Cloud (VPC)
- ✓ Overview of VPC Peering
- ✓ Network ACL
- ✓ Introduction to Block & Object Storage Mechanism
- ✓ Introduction to Elastic Block Store
- ✓ Instance Store Volumes
- ✓ Introduction to ELB
- ✓ Creating our first Elastic Load Balancer
- ✓ Document - Important Pointer - ELB
- ✓ Resource Level Tags
- ✓ Auto Scaling
- ✓ Introduction to S3
- ✓ S3 - Public Access Settings
- ✓ S3 Storage Classes

- ✓ New S3 Storage Class - Intelligent-Tiering
- ✓ New S3 Storage Class - One Zone-IA
- ✓ New S3 Storage Class - Glacier Deep Archive
- ✓ Static Website Hosting with AWS S3
- ✓ S3 Lifecycle Policies
- ✓ Overview of Databases
- ✓ Introduction to RDS
- ✓ Connecting to RDS via CLI
- ✓ RDS Multi-AZ
- ✓ Overview of Amazon Aurora
- ✓ Understanding CloudWatch
- ✓ Understanding Simple Notification Service
- ✓ Introduction to DNS
- ✓ Packet capture of DNS records through Wireshark
- ✓ Understanding DNS Records
- ✓ Understanding Route53
- ✓ Understanding Serverless Architecture & Lambda
- ✓ Getting Started with AWS Lambda
- ✓ Introduction to Content Delivery Networks
- ✓ Understanding Edge Locations
- ✓ Deploying CloudFront Distribution
- ✓ S3 Transfer Acceleration
- ✓ Infrastructure as Code
- ✓ Understanding CloudFormation
- ✓ Amazon Recognition
- ✓ Overview of AWS Elastic Beanstalk
- ✓ AWS Code Commit
- ✓ Overview of CloudWatch Logs
- ✓ Business Intelligence and Data Warehouse
- ✓ Overview of Message Brokers
- ✓ Simple Queue Service (SQS)
- ✓ AWS Snowball
- ✓ AWS Elastic Cache
- ✓ AWS Storage Gateway
- ✓ Disaster Recovery Techniques
- ✓ AWS Global Accelerator
- ✓ Amazon Polly

Module 3: Billing and Support Services

- ✓ AWS Well-Architected Framework
- ✓ AWS Personal Health Dashboard
- ✓ AWS Pricing Model
- ✓ EC2 Pricing in Detail
- ✓ Reserved Instances in Detail
- ✓ AWS Support Plans
- ✓ The TCO calculator
- ✓ AWS Whitepapers & Documentations
- ✓ AWS Organization & Consolidated Billing
- ✓ AWS Marketplace

Module 4: Security Aspects

- ✓ Amazon Partner Network (APN)
- ✓ Understanding Shared Responsibility Model
- ✓ Understanding principle of least privilege
- ✓ Identity & Access Management
- ✓ AWS CLI
- ✓ Compliance
- ✓ AWS Artifact
- ✓ Overview of AWS Config
- ✓ AWS Trusted Advisor
- ✓ Understanding CloudTrail
- ✓ Real World example on DOS Implementation
- ✓ AWS Shield
- ✓ AWS Direct Connect
- ✓ Use Case of Hacked Server
- ✓ Dealing with Compromised AWS Account
- ✓ AWS Abuse Reports
- ✓ Amazon Machine Image (AMI)
- ✓ AWS Macie
- ✓ Vulnerability, Exploit, Payload
- ✓ Overview of AWS Inspector
- ✓ AWS Athena
- ✓ Patching Activity

AWS SAA Module 5: Introduction to Cloud Computing

- ✓ A Short history
- ✓ Client Server Computing Concepts
- ✓ Challenges with Distributed Computing
- ✓ Introduction to Cloud Computing
- ✓ Why Cloud Computing?
- ✓ Benefits of Cloud Computing

Module 6: Amazon EC2 and Amazon EBS

- ✓ Amazon EC2
- ✓ EC2 Pricing
- ✓ EC2 Type
- ✓ Installation of Web server and manage like (Apache/ Nginx)
- ✓ Amazon EBS
- ✓ Demo of AMI Creation
- ✓ Backup, Restore
- ✓ Exercise
- ✓ Mock
- ✓ Hands on both Linux and Windows

Module 7: Amazon Storage Services S3 (Simple Storage Services)

- ✓ Versioning
- ✓ Static website
- ✓ Policy
- ✓ Permission
- ✓ Cross region Replication
- ✓ AWS-CLI
- ✓ Mount Point with S3
- ✓ Life cycle
- ✓ Classes of Storage
- ✓ AWS CloudFront
- ✓ Real scenario Practical
- ✓ Hands-on all above

Module 8: Cloud Watch & SNS

- ✓ Amazon Cloud Watch
- ✓ SNS - Simple Notification Services
- ✓ SQS
- ✓ Cloud Watch with Agent
- ✓ Cloud Watch with System Manager

Module 9: Scaling and Load Distribution in AWS

- ✓ Amazon Auto Scaling
- ✓ Auto scaling policy with real scenario based
- ✓ Type of Load Balancer
- ✓ Path Based load balancer
- ✓ Hands on with scenario based
- ✓ Routing policy on Load balancer

Module 10: AWS VPC

- ✓ Amazon VPC with subnets
- ✓ Gateways
- ✓ Route Tables
- ✓ Subnet
- ✓ Cross region Peering
- ✓ Endpoint Creation with VPC

Module 11: Identity and Access Management Techniques (IAM)

- ✓ Amazon IAM
 - add users to groups,
 - manage passwords,
 - log in with IAM-created users.
- ✓ User
- ✓ Group

Module 12: Amazon Relational Database Service (RDS)

- ✓ Amazon RDS
- ✓ Type of RDS
- ✓ RDS Failover
- ✓ RDS Subnet
- ✓ RDS Migration
- ✓ Dynamo DB (No SQL DB)
- ✓ Redshift Cluster
- ✓ SQL workbench
- ✓ JDBC / ODBC

Module 13: Multiple AWS Services and Managing the Resources' Lifecycle

- ✓ Cloud Trail,
- ✓ SQS

Module 14: Amazon Relational Database Service (RDS)

- ✓ AWS Backup and DR Setup
- ✓ AWS High Availability Design
- ✓ AWS Best Practices (Cost +Security)
- ✓ AWS Calculator & Consolidated Billing

Module 15: Migrating to Cloud & AWS

- ✓ Migration to Cloud
- ✓ Migration to AWS
- ✓ Step-by-step process

Module 16: Router S3 DNS

- ✓ Public DNS
- ✓ Private DNS
- ✓ Routing policy

- ✓ Records
- ✓ Register DNS
- ✓ Work with third-party DNS as well

Module 17: Cloud Formation

- ✓ Stack
- ✓ Templet
- ✓ JSON / YMAL

Module 18: Elastic Beanstalk

Module 19: EFS / NFS (hands-on practice)

Module 20: Hands-on practice on various Topics

- ✓ ECS, EKS (Kubernetes), Docker
 - Comprehensive hands-on with Dockers & Kubernetes Components
 - Docker & Kubernetes Architecture & Components and installation
 - Get introduced to deploy stateful and stateless apps on the cluster
 - Learn how to expose the app outside the cluster and to auto-scale apps
 - Expertise in learning with use cases of Containers and Docker
- ✓ Linux
 - Installation of Linux
 - Configuration
 - Manage
 - Installation of app on Linux (apache / Nginx etc)
 - AWS cli configuration on Linux
 - Complete hands-on on Linux.
- ✓ Python
- ✓ Boto
- ✓ DMS
- ✓ System Manager
- ✓ Mock
- ✓ Interview preparation
- ✓ Scenario-based lab and practical
- ✓ Each topic and service will be covered with lab and theory.
- ✓ Security: KMS / SSM/ WAF
- ✓ Storage: EFS, NFS, FSX, Storage Gateway

|e-Learning through LMS

Learning **Management System**

Our LMS (LearnPitch) is for the administration, documentation, tracking, reporting, automation, and delivery of educational courses, training programs, or learning and development programs.

Our LMS has been designed to identify training and learning gaps, using analytical data and reporting to keep you up with the class activities.

Key Features **Learning Management System**



Live Sessions with Class recordings



Get study material with Assignments.



Track your curriculum covered.



Track your class wise attendance



Share your feedback for Trainer & Training



Get your Training Certificate from LMS



| Training Certification

Earn Your **Certificate**

Your certificate and skills are vital to the extent of jump-starting your career and giving you a chance to compete in a global space.



|Croma Campus is Nasscom Certified

Croma Campus is now

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Certified Member



|Croma Campus! Reviews



"The most rewarding part of my experience has been achieving a prestigious certification in the subject that I love. Moreover, the training offered out by the specialists are of world-class and prepares out the students for corporate world. For me Croma Campus means a lot."

"By The Students For The Students,,

Your Success is **Our Story**



Bharat

"I am fully satisfied with the excellent training services received by the expert staff at Croma Campus. I want to thank Croma Campus for providing me with the most innovative and affordable training services for learning all the software testing procedures and guidelines. "



Ankit

"It was a lifetime experience for me to get trained by IT Experts of Croma Campus. What I liked most about the training was the consistent high-quality education, which was friendly and co-active. The placement department was also proactive, they keep me updated regarding new job opportunities and provide the grooming session to crack the interview. At last, I would like to thank all faculty members of Croma Campus for their immense help and support. "



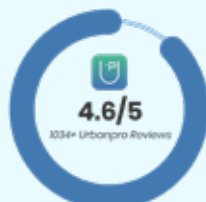
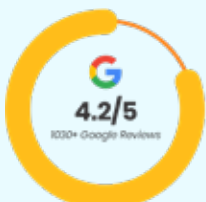
Umesh

"Without any second thought, I will give Croma Campus 10/10. Their placement department is highly proactive. I remember they started scheduling interviews for me from the very next day when I told them my course has been completed. These people are doing a phenomenal job and I highly recommend Croma Campus to everyone. "



Shams Khan

"Croma Campus is doing a phenomenal job in the IT training industry. The reason why I decided to join their training program was that they provide quality training at very a nominal price. Plus, the online training mode was also a factor due to which I decided to join the training program of Croma Campus as I didn't want to attend physical classes. "



|Meet Our Team



Sales Team

Our Sales team is highly passionate, emphatic, positive attitude, great listening skills, ability to deliver quick solutions, and they are multitasker too. Our team always remains up-to-date about all the latest technologies and market trends. With effective communication skills, they always work to deliver the right information to customers when it is needed.



Product Team

Our product team is highly functional and collaborative working together to achieve the common outcome of designing exceptional digital experiences. Each of our members is a contributor to help us achieve success in long-run. Sitting at the high-end of technology and innovation, team helps to deliver high-end customer experiences and always comes out with a big idea as a game-changing plan.



Marketing Team

Our Marketing team works as gladiators and helps us to achieve business success in all possible ways. They are included in almost everything either it is building a brand, creating brand awareness, promoting products or services, delivering trailblazing customer experiences or increasing engagement at public forums. They are the true backbone of the Company.



Content Team

Our content team is responsible for ideation, creation, optimization, and distribution of content throughout the company. The team always starts its work with a strategy, how to create high-quality contents, and how to promote or share the content. Our in-house content team help us to produce all types of contents either they are educational content pieces, marketing content, SEO content, or any other forms too.



Customer Access Team

This is the team that has actually been taken up us from reactive state to a pro-active state. The team utilizes high-valued solutions to satisfy customers in all possible ways. It is truly said that no company can succeed if your customers are not satisfied. And our customer success team is dedicatedly working to keep all the customers satisfied and we always consider our customer feedback on priority.



HR Team

Our HR team is committed to provide high-end solutions to employees as they require. Our HR team has the right skills and knowledge to make sure that the HR department can always be legally and strategically successful. They know how to keep employees motivated all the time with the best HR policies and fun activities too from time to time.

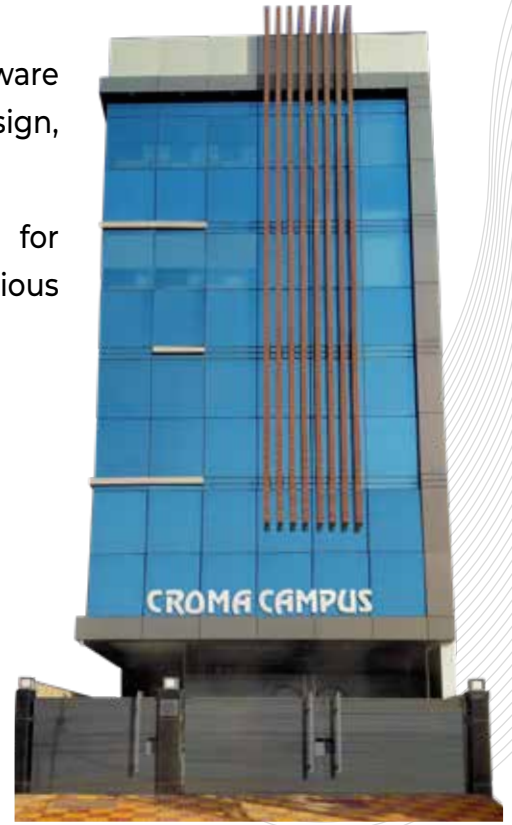


| Glimpse Of Our Office

Look **Who We are**

Our office's infrastructure comprises all the necessary software and network resources that are required to deliver IT & Design, Human Resources, Digital Marketing, and training services.

We are well-equipped with bright designed work bays for employees and managers having separate cabins with spacious cafeteria and training classrooms.



About Croma Campus

“ Our Mission is to Build Nation through Education & Beyond Limitation. ”

Croma Campus Training & Development Private Limited is an education platform providing rigorous industry-relevant programs designed and delivered in collaboration with world-class faculty, industry & Infrastructure. In the past 13 years we have trained 18000+ candidates and out of which we are able to place 12000+ professionals in various industries successfully.

We Are
Affiliated
With Different
Partners



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REACH US:

Croma Campus Training & Development (P) Ltd.

📍 G-21, Block G, Sector 3, Noida, Uttar Pradesh – 201301

☎ +91-9711-5269-42 | 📞 +91-0120-4155255

✉ helpdesk@cromacampus.com | 🌐 www.cromacampus.com



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