



NewbieGet

INNOVATION THROUGH LEARNING

UDYAM MSME · GEM REGISTERED

PROFESSIONAL TRAINING PROGRAM

Cloud Computing

[AWS · Azure · Architecture]

Learn both major clouds properly - core services, networking, security and the architecture judgement to choose between them - with certification preparation built in.

40

HOURS

7

MODULES

1

CAPSTONE

10

TOOLS COVERED

TOOLS & PLATFORMS COVERED

AWS EC2

S3

VPC

IAM

Azure VMs

Azure Storage

Entra ID

Azure Networking

CloudWatch

Cost Explorer

Live

INSTRUCTOR LED

Lab

HANDS-ON GUIDANCE

Project

CAPSTONE REVIEW

Certificate

ON COMPLETION

Enrol for the upcoming batch

Live instructor-led · Weekday & weekend batches

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One programme, both major clouds

Most cloud courses teach one provider and leave you guessing about the other. This one covers **AWS and Azure side by side** – compute, storage, networking, identity and security – so you learn the concepts once and map them to either platform. It closes with architecture design practice and structured preparation for a foundational certification.

DURATION**40 hours****PROGRAMME****10 Weeks****FOCUS****Multi-cloud, exam-aligned****LEVEL****Beginner → Intermediate****Who this is for**

- IT professionals moving workloads to the cloud
- Developers who need to deploy and size their own infrastructure
- Graduates preparing for AWS or Azure certification
- Teams evaluating a cloud or multi-cloud strategy

What you will master

- Cloud service models: IaaS, PaaS, SaaS and shared responsibility
- AWS core services: EC2, S3, VPC, IAM, RDS
- Azure core services: VMs, Storage, VNet, Entra ID, Azure SQL
- Virtual networking, subnets, routing and hybrid connectivity
- Well-architected design: availability, scalability and cost
- Cloud security, identity, encryption and compliance basics

OUTCOMES

What you walk away with

01**A designed architecture**

A documented, resilient cloud architecture with your reasoning on availability, cost and security.

02**Certification readiness**

Structured preparation and practice questions for a foundational AWS or Azure certification.

03**Completion certificate**

A NewbieGet certificate recognised by our industry partners on finishing the programme.

Core services & architecture

01

Cloud Fundamentals & Service Models

4 hrs

IaaS · PaaS · SaaS · Deployment models · Shared responsibility

What cloud computing actually changes; public, private and hybrid models; IaaS vs PaaS vs SaaS with real examples; the shared responsibility model; regions, availability zones and edge locations; pricing models - on-demand, reserved and spot; total cost of ownership vs on-premises.

02

AWS Core Services

8 hrs

EC2 · S3 · VPC · IAM · RDS · Lambda

AWS global infrastructure and console; EC2 instance families, AMIs, key pairs and security groups; EBS volumes and snapshots; S3 buckets, storage classes, versioning and lifecycle rules; IAM users, groups, roles and policies; RDS managed databases; introduction to Lambda and serverless; CloudWatch metrics and logs.

03

Azure Core Services

8 hrs

Virtual Machines · Storage · Entra ID · Azure SQL · App Service

Azure portal, subscriptions and resource groups; Virtual Machines and availability sets; managed disks; Azure Storage accounts, Blob tiers and redundancy options; Microsoft Entra ID, users, groups and RBAC; Azure SQL Database; App Service for web apps; Azure Monitor; ARM templates at overview level.

Security & certification

04

Networking & Hybrid Connectivity

5 hrs

VPC/VNet · Subnets · Routing · Load balancing · VPN

IP addressing and CIDR refresher; designing VPCs and VNets; public and private subnets; route tables, internet and NAT gateways; security groups vs network ACLs vs NSGs; load balancers and DNS; peering; VPN and dedicated connectivity for hybrid environments; common network troubleshooting.

05

Cloud Architecture & Design Patterns

6 hrs

High availability · Scalability · Resilience · Cost design

Well-architected pillars; designing for high availability across zones; horizontal vs vertical scaling; auto-scaling groups and scale sets; stateless application design; caching and content delivery; queues and decoupling; disaster recovery targets (RTO/RPO); reading and drawing architecture diagrams; cost-aware design trade-offs.

06

Cloud Security, Identity & Compliance

5 hrs

IAM design · Encryption · Key management · Governance

Least-privilege identity design; roles vs users vs service principals; MFA and conditional access; encryption at rest and in transit; key management services; secrets handling; security groups and network isolation; logging and audit trails; governance guardrails, tagging and policy; an overview of common compliance frameworks.

MODULE 7 · 4 HOURS

Cost Management & Certification Prep

Reading a cloud bill; budgets, alerts and cost allocation tags; right-sizing, reserved capacity and spot workloads; storage lifecycle savings; a structured revision pass over every domain; exam format and question styles for AWS Cloud Practitioner / Azure Fundamentals; timed practice questions with answer walkthroughs.

Design



Provision



Secure



Optimise

Start with the **early-bird batch**

★ **EARLY BIRD SALE**

~~₹29,999~~ **₹6,499** + 18% GST / \$79 USD

Limited early-bird seats · EMI available · Corporate and group rates on request. Fees include all course material, lab guidance and the capstone review.

Hands-on projects

Real-world work that mirrors industry challenges and builds a portfolio you can show.

Industry mentors

Taught by practitioners working on production systems every day.

Practical curriculum

Built around the tools teams actually deploy - not textbook theory.

Certificate on completion

Recognised by our industry partners, issued when you finish the capstone.

ENROL NOW

Let's get you started.

Call or write to us for the next batch dates, the detailed session plan, or a corporate training proposal for your team.

CALL

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WEB

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