

Programme Name	AWS Cloud Practitioner
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Week	Date of Live Class	Day	Time	Recommended Content to be completed
1	27/01/26	Tue	14:00-15:00	<p>Getting Started: Complete pre-course survey. Review forums. Complete induction module.</p> <p>Course Resources: Review exam info. Review eBooks and materials.</p> <p>Topic 1: Introduction to Cloud Concepts, what is cloud computing? Overview of AWS and the benefits of cloud computing. AWS value proposition. AWS Global Infrastructure (Regions, Availability Zones, Edge Locations). Design principles of the AWS Cloud (Well-Architected Framework). Introduction to cloud economics (cost savings, fixed vs. variable costs)</p>
2	No Live Class			<p>Topic 2: Cloud Concepts – Advanced Topics</p> <p>Design principles of the AWS Cloud. Cloud economics (fixed vs. variable costs, cost savings). Strategies for Cloud Migration and AWS Cloud Adoption Framework (CAF)</p>
3	No Live Class			<p>Topic 3: Security and Compliance (Part 1) AWS Shared Responsibility Model. AWS security best practices and governance. Compliance concepts: AWS compliance resources (AWS Artifact, AWS Config). Study encryption types (in transit, at rest)</p>
4	No Live Class			<p>Topic 4: Security and Compliance (Part 2) Identity and Access Management (IAM) concepts. Root account protection and principle of least privilege. Authentication methods (MFA, IAM Identity Centre).</p> <p>Activities: Hands-on lab: Set up IAM roles, groups, and policies. Explore AWS Trusted Advisor for security recommendations.</p>
5	No Live Class			<p>Topic 5: Cloud Technology and Services (Part 1): Overview of AWS compute services (EC2, Lambda, Fargate). Deployment models (cloud, hybrid, on-premises). Connectivity options (VPN, Direct Connect, public internet).</p> <p>Activities: Hands-on lab: Launch an EC2 instance and configure AWS Lambda. Explore connectivity options and their use cases.</p>
6	03/03/26	Tue	14:00-15:00	<p>Topic 6: Cloud Technology and Services (Part 2): AWS database services (RDS, DynamoDB, Aurora). Storage services (S3, EFS, Glacier). Lifecycle</p>

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				policies and data backup. Activities: Complete practice labs.
7		No Live Class		Topic 7: Cloud Technology and Services (Part 3): AWS networking basics (VPC, Route 53, CloudFront). High availability and disaster recovery. Edge services and AWS Global Accelerator. Activities: Hands-on lab: Set up a VPC with subnets and security groups—study use cases for multiple Regions and Availability Zones.
8	16/12/25	Tue	14:00-15:30	Topic 8: Application Integration: AI/ML, and Analytics: Application integration services (SNS, SQS, EventBridge). AI/ML services (SageMaker, Lex, Rekognition). Analytics services (Athena, QuickSight, Glue). Activities: Hands-on with SQS and EventBridge. Explore analytics tools and create visualizations with QuickSight.
9		No Live Class		Topic 9: Billing, Pricing, and Cost Management: AWS pricing models (On-Demand, Reserved, Spot Instances). Data transfer and storage pricing. Activities: Use the AWS Pricing Calculator to estimate costs. Study Reserved Instance flexibility and behaviour in AWS Organizations. AWS cost management tools (Budgets, Cost Explorer). AWS Support plans and Trusted Advisor. AWS Organizations and consolidated billing. Review AWS support plans and their features. Explore AWS Billing Dashboard and Cost Explorer.
10	31/12/26	Tue	14:00-15:00	Topic 10: Technical Resources and Support: AWS technical resources (Knowledge Center, Prescriptive Guidance), AWS Support options and roles (Trusted Advisor, Health Dashboard). AWS Partner Network and Marketplace. Explore AWS whitepapers and re:Post. Review and Exam Preparation: Key concepts and important questions. Exam strategies: Time management and identifying question types. Mock exams with a detailed review. Peer Q&A session to address remaining doubts. Book Exam. Support scenarios and roles of AWS partners and Partner Network
11		No Live Class		Exam Week: Complete the exam, Upload the exam result, and complete the exit survey.
12		No Live Class		Repeat Exam Week (If applicable)

IMPORTANT NOTICE:

You must wait 14 days before resitting the AWS Cloud Practitioner Exam