

? Course Introduction – 5 min

1. Creating an AWS Account – 2 min
2. AWS Account Activation Troubleshooting – 2 min
3. Important Message – 1 min
4. About your instructor – 3 min
5. Traditional IT Overview – 6 min
6. What is Cloud Computing? – 8 min
7. The Different Types of Cloud Computing – 3 min
8. AWS Cloud Overview – 8 min
9. [Important] AWS Console UI Update – 1 min
10. Tour of the Console & Services in AWS – 4 min
11. About the UI changes in the course – 2 min
12. Shared Responsibility Model & AWS Acceptable Policy – 2 min
13. Quiz 1: What is Cloud Computing
14. IAM - Identity and Access Management (Total: 56 min)
 - a. IAM Introduction: Users, Groups, Policies – 3 min
 - b. IAM Users & Groups Hands On – 6 min
 - c. IAM Policies – 3 min
 - d. IAM Policies Hands On – 6 min
15. IAM Policy Simulator – 2 min
16. IAM Policy Simulator Hands On – 3 min
17. IAM Summary – 2 min
18. IAM MFA Overview – 4 min
19. IAM MFA Hands On – 4 min
20. AWS Access Keys, CLI and SDK – 4 min
21. AWS CLI Setup on Windows – 2 min
22. AWS CLI Setup on Mac – 1 min
23. AWS CLI Setup on Linux – 2 min
24. AWS CLI Hands On – 4 min

25. AWS CloudShell – 2 min
26. IAM Roles for AWS Services – 2 min
27. IAM Roles Hands On – 2 min
28. IAM Security Tools – 1 min
29. IAM Security Tools Hands On – 2 min
30. IAM Best Practices – 1 min
31. Shared Responsibility Model for IAM – 2 min
32. IAM Summary – 1 min
33. Quiz 2: Identity and Access Management Quiz
34. AWS Budget Setup – 5 min
35. EC2 Basics – 5 min
36. Create an EC2 Instance with EC2 User Data to have a Website Hands On – 14 min
37. EC2 Instance Types Basics – 6 min
38. Security Groups & Classic Ports Overview – 7 min
39. Security Groups Hands On – 5 min
40. SSH Overview – 3 min
41. How to SSH using Linux or Mac – 7 min
42. How to SSH using Windows – 6 min
43. How to SSH using Windows 10 – 5 min
44. SSH Troubleshooting – 1 min
45. EC2 Instance Connect – 3 min
46. EC2 Instance Roles Demo – 4 min
47. EC2 Instance Purchasing Options – 10 min
48. IP Address Charges in AWS – 4 min
49. Shared Responsibility Model for EC2 – 1 min
50. EC2 Summary – 2 min
51. Quiz 3: EC2 Quiz

- 52. EBS Overview – 5 min
- 53. About EBS Multi-Attach – 1 min
- 54. EBS Hands On – 6 min
- 55. EBS Snapshots Overview – 3 min
- 56. EBS Snapshots Hands On – 4 min
- 57. AMI Overview – 3 min
- 58. AMI Hands On – 5 min
- 59. EC2 Image Builder Overview – 3 min
- 60. EC2 Instance Store – 3 min
- 61. EFS Overview – 4 min
- 62. Shared Responsibility Model for EC2 Storage – 2 min
- 63. Amazon FSx Overview – 3 min
- 64. High Availability, Scalability, Elasticity – 6 min
- 65. Elastic Load Balancing (ELB) Overview – 7 min
- 66. Application Load Balancer (ALB) Hands On – 9 min
- 67. Auto Scaling Groups (ASG) Overview – 3 min
- 68. Auto Scaling Groups (ASG) Hands On – 9 min
- 69. Auto Scaling Groups (ASG) Strategies – 3 min
- 70. Section Cleanup – 1 min
- 71. ELB & ASG Summary – 1 min
- 72. S3 Overview – 5 min
- 73. S3 Hands On – 7 min
- 74. S3 Security: Bucket Policy – 5 min
- 75. S3 Security: Bucket Policy Hands On – 3 min
- 76. S3 Website Overview – 1 min
- 77. S3 Website Hands On – 2 min
- 78. S3 Versioning Overview – 3 min
- 79. S3 Versioning Hands On – 4 min

- 80. S3 Replication Overview – 1 min
- 81. S3 Replication Hands On – 5 min
- 82. S3 Storage Classes Overview – 6 min
- 83. S3 Storage Classes Hands On – 4 min
- 84. S3 Encryption – 1 min
- 85. IAM Access Analyzer for S3 – 1 min
- 86. Shared Responsibility Model for S3 – (duration not specified)
- 87. AWS Snow Family Overview – 3 min
- 88. AWS Snow Family Hands On – 2 min
- 89. AWS Snowball Edge – Pricing – 2 min
- 90. Storage Gateway Overview – 3 min
- 91. S3 Summary – 2 min
- 92. Quiz 6: S3 Quiz
- 93. Databases Introduction – 6 min
- 94. RDS & Aurora Overview – 5 min
- 95. RDS Hands On – 7 min
- 96. RDS Deployments Options – 4 min
- 97. ElastiCache Overview – 2 min
- 98. DynamoDB Overview – 3 min
- 99. DynamoDB Hands On – 3 min
- 100. DynamoDB Global Tables – 3 min
- 101. Redshift Overview – 3 min
- 102. EMR Overview – 1 min
- 103. Athena Overview – 1 min
- 104. QuickSight Overview – 1 min
- 105. DocumentDB Overview – 1 min
- 106. Neptune Overview – 1 min
- 107. Timestream Overview – 1 min

108. QLDB Overview – 1 min
109. Managed Blockchain Overview – 1 min
110. Glue Overview – 2 min
111. DMS Overview – 1 min
112. Databases & Analytics Summary – 3 min
113. Quiz 7: Databases & Analytics Quiz
114. What is Docker? – 3 min
115. ECS, Fargate & ECR Overview – 3 min
116. Amazon EKS – 2 min
117. Serverless Introduction – 2 min
118. Lambda Overview – 6 min
119. Lambda Hands On – 7 min
120. API Gateway Overview – 1 min
121. Batch Overview – 2 min
122. Lightsail Overview – 2 min
123. Lightsail Hands On – 5 min
124. Other Compute - Summary – 3 min
125. Quiz 8: Other Compute Services Quiz
126. CloudFormation Overview – 4 min
127. CloudFormation Hands On – 9 min
128. CDK Overview – 2 min
129. Beanstalk Overview – 4 min
130. Beanstalk Hands On – 9 min
131. CodeDeploy Overview – 2 min
132. IMPORTANT: CodeCommit Discontinuation – 1 min
133. CodeCommit Overview – 1 min
134. CodeBuild Overview – 1 min
135. CodePipeline Overview – 2 min

- 136. CodeArtifact Overview – 1 min
- 137. Systems Manager (SSM) Overview – 2 min
- 138. SSM Session Manager – 6 min
- 139. SSM Parameter Store – 2 min
- 140. Deployment Summary – 2 min
- 141. Quiz 9: Deployments & Managing Infrastructure at Scale in AWS
- 142. Why Global Applications? – 6 min
- 143. Route 53 Overview – 4 min
- 144. Route 53 Hands On – 7 min
- 145. CloudFront Overview – 5 min
- 146. CloudFront Hands On – 5 min
- 147. S3 Transfer Acceleration – 2 min
- 148. AWS Global Accelerator – 5 min
- 149. AWS Outposts – (duration not specified)
- 150. AWS WaveLength – 2 min

You're building a masterful resource here—let me know if you want to convert this into a table, document, or summary next!

🔗 AWS Outposts – (duration not specified)

- 1. AWS WaveLength – 2 min
- 2. Cloud Integrations Overview – 2 min
- 3. SQS Overview – 4 min
- 4. SQS Hands On – 3 min
- 5. Kinesis Overview – 1 min
- 6. SNS Overview – 2 min
- 7. SNS Hands On – 2 min
- 8. Cloud Integrations Summary – 2 min
- 9. Quiz 11: Cloud Integrations Quiz
- 10. CloudWatch Metrics & CloudWatch Alarms Overview – 4 min

11. CloudWatch Metrics & CloudWatch Alarms Hands On – 8 min
12. CloudWatch Logs Overview – 2 min
13. CloudWatch Logs Hands On – 3 min
14. EventBridge Overview (formerly CloudWatch Events) – 3 min
15. EventBridge Hands On – 5 min
16. CloudTrail Overview – 2 min
17. CloudTrail Hands On – 2 min
18. X-Ray Overview – 2 min
19. CodeGuru Overview – 3 min
20. AWS Health Dashboard – 2 min
21. AWS Health Dashboard Hands On – (duration not specified)
22. Cloud Monitoring Summary – 2 min
23. Quiz 12: Cloud Monitoring Quiz
24. VPC Overview – 1 min
25. IP Addresses in AWS – 3 min
26. VPC, Subnet, Internet Gateway & NAT Gateways – 4 min
27. VPC, Subnet, Internet Gateway & NAT Gateways - Hands On – 6 min
28. Security Groups & Network Access Control List (NACL) – 4 min
29. VPC Flow Logs & VPC Peering – 4 min
30. VPC Endpoints - Interface & Gateway (S3 & DynamoDB) – 3 min
31. PrivateLink – 2 min
32. Direct Connect & Site-to-Site VPN – 3 min
33. Client VPN – 1 min
34. Transit Gateway Overview – 1 min
35. VPC & Networking Summary – 3 min
36. Quiz 13: VPC & Networking Quiz
37. Shared Responsibility Model: Reminders & Examples – 4 min
38. DDoS Protection: WAF & Shield – 5 min

- 39. AWS Network Firewall – 1 min
- 40. AWS Firewall Manager – 1 min
- 41. Penetration Testing – (duration not specified)
- 42. Encryption with KMS & CloudHSM – 5 min
- 43. Encryption with KMS & CloudHSM Hands On – 5 min
- 44. AWS Certificate Manager (ACM) Overview – 1 min
- 45. Secrets Manager Overview – 3 min
- 46. Artifact Overview – 2 min
- 47. GuardDuty Overview – 3 min
- 48. Inspector Overview – 2 min
- 49. Config Overview – 3 min
- 50. Macie Overview – 1 min
- 51. Security Hub Overview – 3 min
- 52. Amazon Detective Overview – 1 min
- 53. AWS Abuse – 1 min
- 54. Root User Privileges – 2 min
- 55. IAM Access Analyzer – 4 min
- 56. Security & Compliance Summary – 3 min
- 57. Quiz 14: Security & Compliance Quiz
- 58. Rekognition Overview – 2 min
- 59. Transcribe Overview – 3 min
- 60. Polly Overview – 1 min
- 61. Translate Overview – 1 min
- 62. Lex + Connect Overview – 2 min
- 63. Comprehend Overview – 2 min
- 64. SageMaker Overview – 2 min
- 65. Kendra Overview – 1 min
- 66. Personalize Overview – 2 min

67. Textract Overview – 1 min
68. Machine Learning Summary – 1 min
69. Quiz 15: Machine Learning Quiz
70. Organizations Overview – 5 min
71. Organizations Hands On – 10 min
72. Organizations Consolidated Billing – 2 min
73. AWS Control Tower Overview – 1 min
74. AWS Control Tower Hands On – 7 min
75. AWS Resource Access Manager (AWS RAM) – 1 min
76. AWS Service Catalog – Overview – 2 min
77. Pricing Models of the Cloud – 10 min
78. Savings Plan Overview – 5 min
79. Compute Optimizer Overview – 1 min
80. Billing & Costing Tools Overview – 1 min
81. Estimating Costs in the Cloud – Pricing Calculator – 2 min
82. Tracking Costs in the Cloud: Billing Dashboard, Cost Allocation Tags, Reports – 10 min
83. Monitoring Costs in the Cloud – Billing Alarms & AWS Budgets – 4 min
84. AWS Cost Anomaly Detection – 1 min
85. AWS Service Quotas – 1 min
86. AWS Trusted Advisor – 3 min
87. Support Plans for AWS – 4 min
88. Account Best Practices Summary – 2 min
89. Billing Summary – 1 min
90. Quiz 16: Account Management, Billing & Support Quiz
91. Quiz 17: Pricing Quiz
92. Security Token Service (STS) Overview – 2 min
93. Cognito Overview – 1 min

- 94. Directory Services Overview – 3 min
- 95. AWS IAM Identity Center – 2 min
- 96. Advanced Identity – Summary – 1 min
- 97. Other Services - Section Intro – 1 min
- 98. WorkSpaces Overview – 2 min
- 99. AppStream 2.0 Overview – 2 min
- 100. IoT Core Overview – 1 min
- 101. Elastic Transcoder Overview – 1 min
- 102. AppSync – (duration not visible)
- 103. Amplify – 2 min
- 104. AWS Infrastructure Composer – 3 min
- 105. Device Farm Overview – 1 min
- 106. AWS Backup Overview – 1 min
- 107. Disaster Recovery Strategies – 2 min
- 108. AWS Elastic Disaster Recovery (DRS) – 2 min
- 109. AWS DataSync – 1 min
- 110. Cloud Migration Strategies – The 7 Rs – 5 min
- 111. Application Discovery Service & Application Migration Service – 3 min
- 112. AWS Migration Evaluator – 1 min
- 113. AWS Migration Hub – 1 min
- 114. AWS Fault Injection Simulator (FIS) – 2 min
- 115. Step Functions – 2 min
- 116. Ground Station – 1 min
- 117. AWS Pinpoint – 2 min
- 118. AWS WhitePapers Well-Architected Framework – 5 min
- 119. Pillar 1: Operational Excellence – 4 min
- 120. Pillar 2: Security – 4 min
- 121. Pillar 3: Reliability – 3 min

- 122. Pillar 4: Performance Efficiency – 4 min
- 123. Pillar 5: Cost Optimization – 4 min
- 124. Pillar 6: Sustainability – 4 min
- 125. AWS Well-Architected Tool – 3 min
- 126. AWS Customer Carbon Footprint Tool – 1 min
- 127. AWS Cloud Adoption Framework (CAF) – 8 min
- 128. Right Sizing – 2 min
- 129. AWS Ecosystem – 6 min
- 130. AWS IQ & re:Post – 3 min
- 131. AWS Knowledge Center – 1 min
- 132. AWS Managed Services – 2 min
- 133. Quiz 20: AWS Architecting & Ecosystem Quiz
- 134. Words on Other Services – 2 min
- 135. State of Learning Checkpoint – AWS Certified Cloud Practitioner – 4 min
- 136. Exam Sample Question Walkthrough – 6 min
- 137. Exam Tips – AWS Certified Cloud Practitioner – 5 min
- 138. Exam Walkthrough and Signup – 5 min
- 139. Save 50% on your AWS Exam Cost! – 1 min
- 140. Get an Extra 30 Minutes on your AWS Exam – Non Native English Speakers only – 1 min
- 141. Practice Test 1: Practice Exam – AWS Certified Cloud Practitioner
- 142. AWS Certification Paths – 6 min
- 143. Congratulations – 2 min
- 144. Bonus Lecture – 1 min

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