## Everything in AWS Solutions Architect Curriculum is covered in the alden.social AWS class

## Including below topics

1. AWS Global Infrastructure
2. IAM Policies Structure
3. EC2 Instance Types
4. SSH Access
5. EC2 Instance Connect
6. EC2 Spot Instance Requests
7. EFS vs EBS vs Instance Store
8. Network Load Balancer
9. RDS Read Replicas
10. Amazon Aurora
11. Aurora DB Cluster
12. Features of Aurora
13. Aurora Replicas
14. Aurora - Custom Endpoints
15. Aurora Serverless
16. Aurora Cross Region Read Replicas and Aurora Global Database
17. Aurora Database Cloning
18. ElastiCache - Redis vs Memcached
19. Patterns for ElastiCache
20. ElastiCache - Redis Use Case
21. Fundamentals of DNS
22. Route 53 - Record Types
23. Routing Policies
24. Health Checks
25. Route 53 - Calculated Health Checks
26. Routing Policies
27. Inbound & Outbound Resolver
28. Stateful Web App
29. Storing Images
30. Instantiating Applications Quickly
31. Typical Architecture
32. Understanding S3 Fundamentals
33. Amazon S3 – Bucket Policy
34. Amazon S3 - Versioning
35. Amazon S3 - Replication
36. S3 Event Notifications
37. S3 Event Notifications with Amazon EventBridge
38. S3 - Baseline Performance
39. S3 Performance
40. S3 - Security
41. Amazon S3 - CORS
42. S3 Glacier Vault Lock
43. S3 Object Lock

https://alden.social

44. Amazon CloudFront
45. CloudFront Geo Restriction
46. CloudFront - Pricing
47. CloudFront - Price Classes
48. CloudFront - Cache Invalidations
49. AWS Global Accelerator vs CloudFront
50. AWS Snowball
51. Edge Computing
52. Amazon FSx - Overview
53. Amazon FSx for Windows
54. Amazon FSx for Lustre
55. FSx Lustre - File System Deployment Options
56. Amazon FSx for OpenZFS
57. AWS Storage Gateway
58. AWS DataSync
59. Amazon SQS
60. Amazon SNS
61. Kinesis Overview
62. Kinesis Data Streams
63. Kinesis Data Firehose
64. Ordering Data into Kinesis
65. Amazon MQ
66. Docker Explained
67. Kubernetes Architecture
68. AWS ECS
69. ECR
70. AWS EKS
71. AWS App Runner
72. AWS App2Container
73. AWS Lambda
74. AWS Lambda Concurrency
75. AWS SnapStart
76. CloudFront Functions & Lambda@Edge
77. DynamoDB
78. DynamoDB - Read/Write Capacity Modes
79. DynamoDB Accelerator
80. DynamoDB - Stream Processing
81. DynamoDB Global Tables
82. DynamoDB - Backups
83. DynamoDB - Integration with Amazon S3
84. API Gateway
85. Choosing the Right Database
86. Database Types
87. Amazon RDS - Summary
88. Amazon Aurora - Summary
89. Amazon ElastiCache - Summary
90. Amazon DynamoDB - Summary
91. Amazon S3 - Summary
92. DocumentDB
93. Amazon Neptune

https://alden.social

94. Amazon Timestream
95. Amazon Athena
96. Amazon Athena - Federated Query
97. Redshift Overview
98. Redshift Cluster
99. Redshift - Snapshots & DR
100. Redshift Spectrum
101. Amazon OpenSearch Service
102. OpenSearch Patterns
103. Amazon EMR
104. Amazon QuickSight
105. QuickSight - Dashboard & Analysis
106. AWS Glue
107. Glue Data Catalog
108. AWS Lake Formation
109. Kinesis Data Analytics
110. Amazon MSK
111. Big Data Ingestion Pipeline
112. Amazon Rekognition
113. Amazon Rekognition - Content Moderation
114. Amazon Transcribe
115. Amazon Polly
116. Amazon Translate
117. Amazon Lex & Connect
118. Amazon Comprehend
119. Amazon SageMaker
120. Amazon Forecast
121. Amazon Kendra
122. Amazon Personalize
123. Amazon Textract
124. AWS Machine Learning - Summary
125. Amazon CloudWatch Metrics
126. CloudWatch Metric Streams
127. CloudWatch Logs
128. CloudWatch Logs Insights
129. CloudWatch Logs Aggregation
130. CloudWatch Unified Agent
131. Amazon EventBridge
132. Amazon EventBridge - Schema Registry
133. CloudWatch Container Insights
134. CloudWatch Lambda Insights
135. CloudWatch Contributor Insights
136. CloudWatch Application Insights
137. AWS CloudTrail
138. CloudTrail Diagram
139. CloudTrail Insights
140. AWS Config
141. Config Rules - Notifications
142. Organizational Units (OU) - Examples
143. AWS Security & Encryption

https://alden.social

144. AWS KMS
145. Copying Snapshots Across Accounts
146. KMS Multi-Region Keys
147. Global Aurora and KMS Multi-Region Keys
148. SSM Parameter Store
149. Parameters Policies
150. Amazon GuardDuty
151. Amazon Inspector
152. AWS Macie
153. Virtual Private Cloud (VPC)
154. VPC Components Diagram
155. AWS Site-to-Site VPN
156. AWS Direct Connect
157. Direct Connect - Resiliency
158. AWS Network Firewall
159. Disaster Recovery - Pilot Light
160. AWS Database Migration Service
161. AWS Application Migration Service
162. AWS Database Migration Service
163. Recovery Point Objective (RPO)
164. Recovery Time Objective (RTO)
165. AWS Schema Conversion Tool
166. AWS Backup
167. AWS Backup Vault Lock
168. AWS Application Discovery Service
169. VMware on AWS
170. S3 Event Notifications with Amazon EventBridge
171. Amazon EventBridge - Intercept API Calls
172. API Gateway - AWS Service Integration
173. Caching Strategies
174. AWS High Performance Computing
175. AWS HPC Networking Components - EFA
176. AWS CloudFormation
177. Amazon Simple Email Service
178. Amazon Pinpoint
179. Systems Manager
180. AWS Outpost
181. Cost Management
182. Media Services
183. Compute Services
184. Data Integration
185. AWS Elastic Transcoder
186. AWS Batch
187. AWS App Flow
188. AWS Amplify
189. AWS Trusted Advisor
190. AWS Well-Architected Tool
191. Architecture and Best Practices
192. Exam Preparation

https://alden.social

https://alden.social