SCS-C01: AWS Certified Security Specialist, Part 8 of 9: Encryption [Replaced]

Meet the expert: Zeal works primarily as a Cloud Security Consultant guiding organizations to re-build their infrastructure with security in mind. Zeal also holds more then 13+ certifications ranging from RedHat Certified Architect to AWS Security.

Prerequisites: two years of hands-on experience securing AWS and 5 years or more in IT security experience designing and implementing security solutions

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Course description: This course has been updated. please use the following course series instead

SCS-C01: AWS Certified Security Specialist, Part 1 of 6: Incident Response
SCS-C01: AWS Certified Security Specialist, Part 2 of 6: Logging and Monitoring
SCS-C01: AWS Certified Security Specialist, Part 3 of 6: Infrastructure and Security
SCS-C01: AWS Certified Security Specialist, Part 4 of 6: Identity and Access MGMT
SCS-C01: AWS Certified Security Specialist, Part 5 of 6: Data Protection
SCS-C01: AWS Certified Security Specialist, Part 6 of 6: Exam Preparation

Amazon Web Services Certified Security Specialty is an exam intended to validate an individuals experience in a security role with at least two years of hands-on experience securing AWS and 5 years or more in IT security experience designing and implementing security solutions. This course covers Cryptography, Key management Service, Data key catching, KMS authentication and grants.

Course outline:

Cryptography
• Introduction
• Cryptography
• Plain Text vs Encrypted Text
  Protocols
• CloudHSM
• Summary

Key Management Service
• Introduction
• AWS Key Management Service
  Part 1
• AWS Key Management Service
  Part 2
• AWS Key Management Service
  Part 3
• Summary

Data key Caching
• Introduction
• Data Key caching
• AWS KMS Key Deletion
• AWS KMS Key Deletion EBS
  Use Case
• Reducing Risk of Unmanagable
  CMK
• Summary

KMS Authentication
• Introduction
• KMS Authentication and Access
  Control
• KMS Policy Evaluation Logic
  Use Case 01
• KMS Policy Evaluation Logic
  Use Case Answer 01
• KMS Policy Evaluation Logic
  Use Case 02

• KMS Policy Evaluation Logic
  Use Case Answer 02
• KMS Policy Evaluation Logic
  Use Case 03
• KMS Policy Evaluation Logic
  Use Case Answer 03
• Summary

KMS Grants
• Introduction
• KMS Grants
• KMS Imported Key Material
• Summary