

AWS Security – Specialty

Course syllabus · Live online · Specialty

Secure AWS workloads end to end, including identity, data protection, detection and incident response, and prepare for the Security – Specialty certification.

Live training	54 hours in total
Weekday batch	6 weeks · Monday to Friday, 2 hours per day (10 hours a week)
Weekend batch	7 weeks · Saturday and Sunday, 4 hours each day (8 hours a week)
Self-practice	about 45 hours in total (labs, assignments, revision)
Total effort	about 99 hours including self-practice
Mode	Live instructor-led online sessions · session recordings after each class · small batches
Trainer	Ameya Vaidya
Batch start	Shared by our counselor
Batch timings	Weekday / weekend options, shared by our counselor
Course fee	Shared by our counselor (varies with current offers)

Who is this for?

Security engineers, cloud engineers and architects responsible for securing AWS.

Prerequisites

AWS Associate-level knowledge and basic security concepts.

What you will learn

- Design and implement identity and access controls
- Protect data with encryption and key management
- Implement logging, monitoring and detection
- Respond to security incidents
- Secure networks and infrastructure at scale
- Apply governance and compliance controls

Tools and technologies

IAM · KMS · GuardDuty · Security Hub · CloudTrail · Config · WAF · Macie · Inspector

Detailed syllabus

#	Module	Hours	Topics	Hands-on
1	Security Foundations	4	• Shared responsibility • Threat models on AWS • Security pillar of Well-Architected	-
2	Identity and Access Management	8	• IAM policies, boundaries, ABAC • IAM Identity Center and federation • Cross-account access	Least-privilege policy lab

#	Module	Hours	Topics	Hands-on
3	Data Protection	7	• KMS keys and envelope encryption • S3, EBS and RDS encryption • Secrets Manager, ACM, CloudHSM	Customer-managed key lab
4	Logging and Monitoring	7	• CloudTrail, Config and VPC Flow Logs • CloudWatch Logs and metrics filters • Security Lake and centralised logging	Central logging setup
5	Threat Detection and Response	8	• GuardDuty, Detective, Inspector, Macie • Security Hub and automated response • Incident response playbooks and forensics	Automated response to a finding
6	Infrastructure Security	6	• VPC security controls • WAF, Shield and Firewall Manager • Hardening EC2 and containers	Protect an app with WAF
7	Governance and Compliance	5	• Organizations, SCPs, Control Tower • Audit Manager, Artifact, Config conformance packs	-
8	Exam Preparation	9	• Exam format and strategy • Domain revision with scenarios • Two mock exams with review	Mock exams
	Total live hours	54		

Projects

- Account hardening and central logging
- Security incident response runbook

Assessment

Lab checkpoints, quizzes and mock exams.

Certification

Prepares you for the AWS Certified Security – Specialty exam.

What is included

- Live instructor-led online sessions
- Hands-on labs and assignments
- Session recordings after each class
- Doubt-solving support
- Course completion certificate
- Small interactive batches
- Unpaid internship opportunities

Our promise: we do not offer guaranteed-placement claims. We focus on building genuine skills so you are capable of clearing interviews and doing the job. Unpaid internship opportunities are available for practical exposure. Fees and batch dates vary with current offers, so please confirm them with our counselor. This syllabus is indicative and may be updated to reflect industry changes.

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