



CyberHunt

● AWS CLOUD SECURITY

# AWS Security Specialist Program

Master AWS identity management, network security, data protection, compliance frameworks, and incident response. Learn to architect and defend enterprise AWS environments. Built by cloud security practitioners. Proven by results.

- ✓ 100% Hands-On Labs
- ✓ Exam-Focused (SCS-C01)
- ✓ Real AWS Environments
- ✓ Security Best Practices



5000+

Students Trained



95%

Success Rate



100+

Hiring Partners



24/7

Support



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## Program Highlights



**40-Hour  
Instructor-Led  
Training**



**EC-Council  
Authorized  
Partner**



**Practical  
Training on  
Latest Tools**



**Telegram Group  
for Exam  
Support**



**Learn from CEI  
Certified  
Trainers**



**98% Exam  
Pass Rate**



**Post Training  
Support till Exam**



**Access to  
Recorded  
Sessions**



**Career Guidance  
& Mentorship**



<https://cyberhuntit.com/>

# AWS Security Certified Professional



The AWS Security Preparation Program is an advanced, hands-on cloud security training focused entirely on securing AWS environments. Unlike theory-heavy courses, every module is designed to mimic actual SCS-C01 exam scenarios — ensuring you practice the exact way you will be tested.



This program prepares candidates for the AWS Certified Security – Specialty (SCS-C01) exam while building strong practical AWS security expertise required in enterprise cloud deployments. You will work through real AWS environments, configure security controls, implement compliance frameworks, and simulate real-world threat scenarios — all before exam day.



With a curriculum spanning IAM, network security, data protection, threat detection, incident response, and compliance, this is the most comprehensive AWS Security prep available — covering every domain that AWS tests.



## AWS Security Skill Coverage





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## Target Audience

- ✓ Security Analysts
- ✓ Ethical Hackers
- ✓ System Administrators
- ✓ Network Administrators
- ✓ Network and Security Engineers
- ✓ Cyber Security Managers
- ✓ Information Security Auditors
- ✓ Security Professionals



## Pre-Requisites

- ✓ Basic understanding of network essentials and core concepts, including server and network components.





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# Course Curriculum

Comprehensive SCS-C01 focused hands-on AWS security training

## 01 AWS Security Fundamentals



- AWS Global Infrastructure & Regions
- Shared Responsibility Model
- AWS Organizations & Account Structure
- Security Best Practices Framework
- AWS Well-Architected Security Pillar
- Compliance & Governance Basics



**Practical:** Set up AWS Organizations and multi-account strategy.

## 02 Identity & Access Management (Core Domain)



- IAM Users, Groups & Roles Architecture
- Identity-Based & Resource-Based Policies
- Permission Boundaries & Session Policies
- AWS STS (Security Token Service)
- Cross-Account Access & Federated Identity
- IAM Access Analyzer & AWS SSO



**Practical:** Design secure IAM architecture with cross-account access.

## 03 Logging & Monitoring



- AWS CloudTrail Configuration & Analysis
- Amazon CloudWatch Metrics & Alarms
- AWS Config Rules & Compliance Tracking
- VPC Flow Logs & Log Analysis
- AWS CloudTrail Insights & Anomaly Detection
- Centralized Logging Strategy



**Practical:** Detect suspicious API activity using CloudTrail & CloudWatch.

## 04 Infrastructure Security



- VPC Security & Network Segmentation
- Security Groups & NACLs Configuration
- AWS WAF (Web Application Firewall)
- AWS Shield & DDoS Protection
- Bastion Hosts & Jump Servers
- PrivateLink & Endpoints Security



**Practical:** Build secure network architecture with WAF & Shield.

## 05 Data Protection & Encryption



- AWS KMS (Key Management Service)
- Encryption at Rest & In Transit
- S3 Security & Bucket Policies
- EBS Encryption & Snapshots
- AWS Secrets Manager & Parameter Store
- Database Encryption & RDS Security



**Practical:** Implement encryption for storage & databases.

## 06 Threat Detection & Incident Response



- Amazon GuardDuty Configuration & Findings
- AWS Security Hub Integration
- Incident Response Playbooks
- AWS Lambda for Automated Response
- Forensics in AWS Environment
- Post-Incident Analysis & Reporting



**Practical:** Deploy GuardDuty, detect breach, and respond to incident.

## 07 Application & Data Security



- Secure SDLC & DevSecOps
- AWS CodePipeline Security
- Container Security & ECR
- Lambda Function Security
- API Gateway Security
- OWASP Top 10 Mitigation



**Practical:** Secure containerized app deployment.

## 08 Compliance & Governance



- AWS Compliance Programs
- HIPAA, PCI-DSS, GDPR Compliance
- AWS Control Tower & Security Controls
- Data Residency & Sovereignty
- Audit & Compliance Monitoring
- Vendor Risk Management



**Practical:** Deploy compliant AWS infrastructure.

## 09 Disaster Recovery & Business Continuity



- AWS Backup & Recovery Strategies
- Multi-Region Failover Architecture
- RTO & RPO Planning
- AWS Application Migration Service
- Data Replication & Consistency

## 10 Exam Strategy & Real-World Scenarios



- SCS-C01 Exam Format & Structure
- Case Study Analysis & Problem Solving
- Security Architecture Design
- Time Management & Exam Tips
- Mock Exam & Practice Tests



**Practical:** Complete SCS-C01 style scenario-based exam.



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# TRAINING ENQUIRIES

Have questions or need more information about our training programs? We're here to help!



**For Training**

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