

# SCS-C01: AWS Certified Security Specialist, Part 4 of 9: Hosts and IPSec [Replaced]

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**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 than 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

**Runtime:** 02:30:16

**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 Bastion Hosts, Site to site Tunneling, IPSec, VPC, Network ACL, Sockets and Egress Rules

## Course outline:

### Bastion Hosts

- Introduction
- Bastion Host
- Introduction to Virtual Private Networks
- OpenVPN is Awesome
- OpenVPN is Awesome continued
- Summary

- Summary

### Sockets

- Introduction
- Understanding Networking Sockets
- Revising Security Groups
- Connection of Security Group & NIC Cards
- Summary

### Site to Site Tunnel

- Introduction
- Overview of AWS VPN Tunnels
- Using AWS VPN for On-Premise to AWS connectivity
- Summary

### Egress Rules

- Introduction
- Egress Rules the Real Challenge
- IPTABLES and Instance Metadata
- Summary

### IPSec

- Introduction
- IPSec with Openswan Part 1
- IPSec with Openswan Part 2
- Summary

### VPC

- Introduction
- Inter Region VPC Peering
- VPC Endpoints
- Summary

### Network ACL

- Introduction
- Network ACL
- Understanding Stateful vs Stateless Firewalls