

ANS-C01: AWS Advanced Networking, Part 2 of 9: Load Balancing

page 1

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: AWS Cloud Practitioner or another Associate level AWS Certification
Minimum five years hands-on experience architecting and implementing network solutions

Runtime: 01:56:55

Course description: The AWS Certified Advanced Networking - Specialty is intended for individuals who perform complex networking tasks. The user will be able to Design, develop, and deploy cloud-based solutions using AWS as well as maintain Network Architecture across all AWS services.

The exam certification tests on 4 knowledge domains.

Domain 1: Network Design 30%

Domain 2: Network Implementation 26%

Domain 3: Network Management and Operation 20%

Domain 4: Network Security, Compliance, and Governance 24%

This course covers: Load Balancing, Application Load Balancer and ELB

Course outline:

Load Balancing in AWS

- Introduction
- Load Balancing in AWS
- OSI Model and ELB
- Classic Load Balancer
- Summary

Application Load Balancer

- Introduction
- Application Load Balancer
- Listener and Target Groups
- Application Load Balancer Practical
- Network Load Balancers
- AZ and ELB Nodes
- Cross Zone Load Balancing
- Summary

ELB Access Logs

- Introduction
- ELB Access Logs
- Dualstack IP Address for ELB
- Sticky Sessions
- Connection Draining ELB
- Capturing Client IP via ELB
- Selecting Cipher Suites
- X-Forwarded-For
- Summary