

Description

The *AWS Certified Advanced Networking – Specialty* exam validates technical skills and experience designing and implementing AWS and hybrid IT network architectures at scale. This full-day, advanced-level course is intended for individuals with 1) a current AWS Certified Cloud Practitioner or Associate-level AWS Certification; and 2) two or more years of hands-on experience in maintaining and implementing large-scale networks. As a networking specialist, you will design a secure, scalable, and highly available network infrastructure on AWS while addressing requirements like network security, hybrid IT connectivity, network integration with other AWS services, routing techniques, and network troubleshooting. In this course, you will explore the exam’s topic areas, mapping to advanced networking on AWS and identifying specific areas to study. The course reviews sample exam questions in each topic area and teaches you how to interpret the concepts being tested so that you can more easily eliminate incorrect responses.

Intended Audience

This course is intended for data engineers, solutions architects, network engineers, and infrastructure engineers who are preparing to take the *AWS Certified Advanced Networking – Specialty* exam.

Course Objectives

In this course, you will learn how to:

- Navigate the *AWS Certified Advanced Networking – Specialty* exam
- Understand advanced networking concepts in AWS so you can design well-architected networking frameworks for your workloads in Amazon Virtual Private Cloud (Amazon VPC)
- Connect on-premises data centers to Amazon VPC (AWS Direct Connect, AWS VPN), enabling AWS to function as an extension of the data center
- Leverage network automation to accelerate workload deployments and app migration
- Incorporate individual application networking requirements that use different AWS services into the overall network design
- Practice network security and network troubleshooting best practices

Prerequisites

We recommend that attendees of this course have the following:

- A current AWS Certified Cloud Practitioner or Associate-level AWS Certification
- Two or more years of hands-on experience in maintaining and implementing large-scale networks

Delivery Method

This course is delivered through a mix of:

- Classroom training
- Sample exercise questions

Note: There are no technical lab exercises in this course.

Duration

Full day (eight hours)

Course Outline

This course covers the following concepts:

- Testing center information and expectations
- Exam overview and structure
- Content domains and question breakdown
- Topics and concepts with content domains
- Question structure and interpretation techniques
- Practice exam questions