

CLOUD

ADVANCED

3 DAYS

AWS Certified Advanced Networking Specialty

Build a strong foundation in advanced AWS networking concepts and services to design and operate complex cloud networks. Gain hands on experience with real world scenarios while preparing for the AWS Advanced Networking Specialty certification through practical labs and exam focused guidance.

Why AWS Networking?

Expertise in advanced networking

AWS Certified Advanced Networking Specialists have a deep understanding of advanced networking concepts. This expertise can help ensure that your business's networking solutions are optimized for performance, security, and cost-effectiveness.

Reduced costs

AWS Certified Advanced Networking Specialists can help your business optimize its networking resources, reducing costs associated with over-provisioning and inefficient use of resources.

Improved network performance

AWS Certified Advanced Networking Specialists can help identify and troubleshoot network performance issues, allowing your business to improve its network performance and reduce downtime.

What you'll be able to do

- ✓ Gain a comprehensive understanding of advanced networking concepts
- ✓ Get equipped to apply the skills and knowledge necessary to apply AWS networking services
- ✓ Developing practical, hands-on experience using AWS networking services in real-world scenarios
- ✓ Get prepared for the AWS Specialty Advanced Networking Certification exam by providing them with study materials, practice exams, and guidance on exam preparation strategies
- ✓ Improve your networking skills with advanced networking concepts and best practices

Who this is for

- Individuals who perform complex networking tasks with five years of hands-on experience architecting and implementing network solutions
Network Engineers
Solutions Architects
DevOps Engineers

Curriculum

01 Network Design

- Design a solution that incorporates edge network services to optimize user performance and traffic management for global architectures
- Design DNS solutions that meet public, private, and hybrid requirements
- Design solutions that integrate load balancing to meet high availability, scalability, and security requirements
- Define logging and monitoring requirements across AWS and hybrid networks
- Design a routing strategy and connectivity architecture between on-premises networks and the AWS Cloud

02 Network Implementation

- Implement routing and connectivity between on-premises networks and the AWS Cloud
- Implement routing and connectivity across multiple AWS accounts
- Regions, and VPCs to support different connectivity patterns
- Implement complex hybrid and multi-account DNS architectures
- Automate and configure network infrastructure

03 Network Management and Operations

- Maintain routing and connectivity on AWS and hybrid networks
- Monitor and analyze network traffic to troubleshoot and optimize connectivity patterns
- Optimize AWS networks for performance, reliability, and cost-effectiveness

04 Network Security, Compliance, and Governance

- Implement and maintain network features to meet security and compliance needs and requirements
- Validate and audit security by using network monitoring and logging services
- Implement and maintain the confidentiality of data and communications of the network