

AWS Certified Advanced Networking - Specialty

EXAMINATION CONTENT OUTLINE



About AWS Exam

Exam Process

- **AWS Certification helps learners build credibility and confidence** by validating their cloud expertise with an industry-recognized credential and organizations identify skilled professionals to lead cloud initiatives using AWS.
- Organizations need individuals with cloud skills to help transform their business. **AWS Training and Certification helps you build and validate your cloud skills so you can get more out of the cloud.** Our content is built by experts at AWS and updated regularly to keep pace with AWS updates, so you can be sure you're learning the latest and keeping your cloud skills fresh.
- **We offer both digital and classroom training**, so you can choose to learn online at your own pace or learn best practices from an instructor. Whether you are just starting out, building on existing IT skills, or sharpening your cloud knowledge, AWS Training and Certification can help you be more effective and do more in the cloud.



Overview of AWS Certified Advanced Networking – Specialty

It validates an examinee's ability to:

- Design, develop, and deploy cloud-based solutions using AWS
- Implement core AWS services according to basic architectural best practices
- Design and maintain network architecture for all AWS services
- Leverage tools to automate AWS networking tasks

Recommended AWS Knowledge

- Professional experience using AWS technology
- AWS Security best practices
- AWS storage options and their underlying consistency models
- AWS networking nuances and how they relate to the integration of AWS services

Recommended General IT Knowledge

- Advanced networking architectures and interconnectivity options (e.g., IP VPN, MPLS/VPLS)
- Networking technologies within the OSI model, and how they affect implementation decisions
- Development of automation scripts and tools
 - Routing architectures (including static and dynamic)
 - Multi-region solutions for a global enterprise
 - Highly available connectivity solutions (e.g., DX, VPN)
- CIDR and sub-netting (IPv4 and IPv6)
- IPv6 transition challenges
- Generic solutions for network security features, including WAF, IDS, IPS, DDoS protection, and of Service/Sustainability (EDoS).



Overview of AWS Certified Advanced Networking – Specialty

Create an AWS Certification Account

- Schedule and manage exams
- View your transcript
- Provide proof of certification to colleagues or employers
- Access your certification benefits
- Download your digital badges
- Access your logos and certificates

Exam Preparation:

These training courses and materials may be helpful for examination preparation:

- AWS Cloud Computing Whitepapers (aws.amazon.com/whitepapers)
- AWS Documentation (aws.amazon.com/documentation)



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Eligibility Requirements

Eligible candidates for this exam have:

- AWS Certified Cloud Practitioner or a current Associate-level certification: AWS Certified Solutions Architect - Associate, AWS Certified Developer - Associate or AWS Certified SysOps Administrator - Associate recommended
- Minimum five years hands-on experience architecting and implementing network solutions
- Advanced knowledge of AWS networking concepts and technologies



AWS Certified Advanced Networking – Specialty Payment

Application Payment

Our test delivery vendor, PSI, accepts Visa, MasterCard, or American Express card numbers. Discover, Diners Club, and JCB cards are currently not accepted.

For countries that have implemented a Value Added Tax (VAT), customers will be charged the applicable rate as determined by their country.

To generate a receipt

To generate a receipt for an exam you registered for in PSI, access your AWS Certification Account within the AWS Training and Certification Portal and click “Manage PSI Exams.” From PSI, click “View Details” beside the scheduled exam to find the “Print Receipt” button.

Rescheduling/ Refund

Rescheduling or cancelling a PSI exam within 48 hours of your exam time will result in a USD 60 fee. You will not be able to reschedule or cancel an exam within 24 hours of exam time. If you miss your scheduled exam appointment, you will forfeit the exam fee and are not eligible for a refund. A full refund is provided if you cancel your exam with more than 48 hours’ notice.



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Exam Pattern

Each certification candidate is required to pass a written examination that consists of multiple-choice questions. The available mode of languages: English, Japanese, Korean, Simplified Chinese.

The duration of exam is 2 hours 50 minutes.

Response Types:

There are two types of questions on the examination:

- Multiple-choice: Has one correct response and three or four incorrect responses (distracters).
- Multiple-response: Has two or more correct responses out of five or more options.

Format	Duration
MCQs/ Multiple answer	170 minutes



AWS Certified Advanced Networking - Specialty Blueprint

Domain	% of Examination
Domain 1: Design and implement hybrid IT network architectures at scale	23%
Domain 2: Design and implement AWS networks	29%
Domain 3: Automate AWS tasks	8%
Domain 4: Configure network integration with application services	15%
Domain 5: Design and implement for security and compliance	12%
Domain 6: Manage, optimize, and troubleshoot the network	13%
TOTAL	100%

You are deploying a web application in a VPC that requires SSL mutual authentication with a clientside, smartcard-stored certificate. The ELB Classic Load Balancer listener must support mutual authentication between the client and the application.

Which load balancer protocol should you select for this application?

- A.** HTTP
- B.** HTTPS
- C.** SSL
- D.** TCP

Ans: D. TCP

You are architecting your e-business application for PCI compliance. To meet the compliance requirements, you need to monitor web application logs to identify any malicious activity. You also need to monitor for remote attempts to change the network interface of web instances.

Which two AWS services will be helpful to achieve this goal?

- A.** Amazon CloudWatch Logs and VPC Flow Logs
- B.** AWS CloudTrail and VPC Flow Logs
- C.** AWS CloudTrail and CloudWatch Logs
- D.** AWS CloudTrail and AWS Config

Ans: C. AWS CloudTrail and CloudWatch Logs



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