Szkolenie: AWS

AWS Certified Advanced Networking - Specialty (ANS-C01) Exam

Cel szkolenia:

The AWS Certified Advanced Networking - Specialty (ANS-C01) exam is intended for individuals who perform an AWS networking specialist's role. The exam validates a candidate's ability to design, implement, manage, and secure AWS and hybrid network architectures at scale.

The exam is for individuals who perform complex networking tasks, and validates an individual's ability to perform the following tasks:

- Design and develop hybrid and cloud-based networking solutions by using AWS
- Implement core AWS networking services according to AWS best practices
- Operate and maintain hybrid and cloud-based network architecture for all AWS services
- Use tools to deploy and automate hybrid and cloud-based AWS networking tasks
- Implement secure AWS networks using AWS native networking constructs and services

AWS Certified Advanced Networking - Specialty is intended for individuals who perform complex networking tasks with five years of hands-on experience architecting and implementing network solutions. Before you take this exam, we recommend you have:

- Professional experience using AWS technology, AWS security best practices, AWS storage options and their underlying consistency models, and AWS networking nuances and how they relate to the integration of AWS services.
- Knowledge of advanced networking architectures and interconnectivity options [e.g., IP VPN, multiprotocol label switching (MPLS), virtual private LAN service (VPLS)].
- Familiarity with the development of automation scripts and tools. This should include the design, implementation, and optimization of the following: Routing architectures (including static and dynamic); multi-region solutions for a global enterprise; highly available connectivity solutions (e.g., AWS Direct Connect, VPN).
- Knowledge of CIDR and sub-netting (IPv4 and IPv6); IPv6 transition challenges; and generic solutions for network security features, including AWS WAF, intrusion detection systems (IDS), intrusion prevention systems (IPS), DDoS protection, and economic denial of service/sustainability (EDoS).

The target candidate possesses the knowledge, skills, experience, and competence to design, implement, and operate complex AWS and hybrid networking architectures. The target candidate is expected to have 5 or more years of networking experience with 2 or more years of cloud and hybrid networking experience.

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Recommended AWS knowledge

The target candidate should have the following knowledge:

- AWS networking nuances and how they relate to the integration of AWS services
- AWS security best practices
- AWS compute and storage options and their underlying consistency models

Domains & Competencies

Domain 1: Network Design

Domain 2: Network Implementation

Domain 3: Network Management and Operation

Domain 4: Network Security, Compliance, and Governance

Detailed described domains, list of specific tools and technologies that might be covered on the exam, as well as lists of in-scope AWS services
https://d1.awsstatic.com/training-and-certification/docs-advnetworking-spec/AWS-Certified-Advanced-Networking-Specialty_Exam-Guide.pdf

Exam overview

Level: Specialty

Length: 170 minutes to complete the exam

Cost: 300 USD

Visit Exam pricing for additional cost information.

Format: 65 questions, either multiple choice or multiple response

Delivery method: Pearson VUE testing center or online proctored exam.

Poziom trudności



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