


<b>Course Name</b>	<b>AWS CERTIFIED ADVANCED NETWORKING – SPECIALITY (ANS-C01)</b>	
<b>About the Course</b>	This course helps candidates develop critical skills for implementing cloud initiatives. Earning AWS Certified Advanced Networking - Specialty validates expertise in designing and maintaining network architecture for the breadth of AWS services.	
<b>Key Skills You Will Learn</b>	Networking Fundamentals (OSI 7-Layer Model, IP Addressing & Routing, NAT, DDOS), AWS Core Networking, AWS Hybrid Networking, Advanced Hybrid Networking, Network Performance Optimisation, Network Security, Network Availability, Network Fault-Finding & much much more	
<b>Course Pre-Requisite</b>	The candidate should have the following AWS 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	
<b>Target Audience</b>	Anyone who holds the AWS Certified Solutions Architect - Associate Certification, Experienced professionals who design, deploy, and manage AWS cloud and hybrid network solutions: Network engineers, Solutions architects, Data engineers, Infrastructure engineers, and DevOps engineers	
<b>Job prospects with this role</b>	AWS Network Engineer, Cloud Network Architect, AWS Solutions Architect – Networking, AWS Network Specialist, Cloud Infrastructure Engineer, Cloud Security Engineer, AWS Cloud Operations Engineer, Cloud Network Administrator, AWS DevOps Enginee	
<b>Course Duration</b>	~ 50 Hrs	
<b>Course Customisation</b>	Not applicable	
<b>Certification</b>	READYBELL AWS ADVANCED NETWORKING – SPECIALITY (ANS-C01) Certificate	
<b>Mode of Training</b>	Instructor-led 100% Online or 100% Classroom (Salt Lake, Kolkata - India) or hybrid mode (Online + Classroom) as suitable for the learner	
<b>Course Fees</b>	Please contact us	
<b>Refund Policy</b>	Get a 3-hours free trial during which you can cancel at no penalty. After that, we don't give refunds	
<b>Job Assistance</b>	Will assist candidate in securing a suitable job	
<b>Contact</b>	<b>READYBELL SOFTWARE SERVICES PVT. LIMITED</b> <b>AH 12, SALT LAKE SECTOR 2, KOLKATA (INDIA) - 700 091</b> <b>E-MAIL: <a href="mailto:contact@readybellssoftware.com">contact@readybellssoftware.com</a></b> <b>PH: +91 - 9147708045/9674552097, +91 - 33-79642872</b>	 Software Services Pvt. Ltd.

CURRICULUM		
Topic	Sub-Topic	Duration (Hrs)
<b>AWS CERTIFIED ADVANCED NETWORKING – SPECIALITY (ANS-C01)</b>	<b>Domain 1: Network Design</b>	50 Hrs
	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	
	Design a routing strategy and connectivity architecture that include multiple AWS accounts, AWS Regions, and VPCs to support different connectivity patterns	
	<b>Domain 2: Network Implementation</b>	
	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	
	<b>Domain 3: Network Management and Operation</b>	
	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 costeffectiveness	
	<b>Domain 4: Network Security, Compliance, and Governance</b>	
	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 confidentiality of data and communications of the network	
	<b>Domain 5: Application Integration</b>	
	Amazon EventBridge	
Amazon Simple Notification Service (Amazon SNS)		
Amazon Simple Queue Service (Amazon SQS)		

	<b>Domain 6: Compute</b>	
	Amazon EC2	
	Amazon EC2 Auto Scaling	
	AWS Lambda	
	<b>Domain 7: Containers</b>	
	Amazon Elastic Container Registry (Amazon ECR)	
	Amazon Elastic Container Service (Amazon ECS)	
	Amazon Elastic Kubernetes Service (Amazon EKS)	
	AWS Fargate	
	<b>Domain 8: Cost Management</b>	
	AWS Cost Explorer	
	<b>Domain 9: Front-End Web and Mobile</b>	
	Amazon API Gateway	
	<b>Domain 10: Management and Governance</b>	
	AWS Auto Scaling	
	AWS CLI	
	AWS CloudFormation	
	AWS CloudTrail	
	Amazon CloudWatch	
	AWS Config	
	AWS Control Tower	
	AWS Health Dashboard	
	AWS Management Console	
	AWS Organizations	
	AWS Trusted Advisor	
	AWS Well-Architected Tool	
	<b>Domain 11: Networking and Content Delivery</b>	
	Amazon API Gateway	
	AWS App Mesh	
	AWS Client VPN	
	AWS Cloud Map	
	Amazon CloudFront	
	AWS Direct Connect	
	Elastic Load Balancing (ELB)	
	AWS Global Accelerator	
	AWS PrivateLink	
	Amazon Route 53	
	AWS Site-to-Site VPN	
	AWS Transit Gateway	
	Amazon VPC	

	<b>Domain 12: Security, Identity, and Compliance</b>	
	AWS Firewall Manager	
	AWS Identity and Access Management (IAM)	
	AWS Network Firewall	
	AWS Resource Access Manager (AWS RAM)	
	AWS Shield	
	AWS WAF	
	<b>Domain 13: Serverless</b>	
	Amazon API Gateway	
	Amazon EventBridge	
	AWS Fargate	
	AWS Lambda	
	Amazon Simple Notification Service (Amazon SNS)	
	Amazon Simple Queue Service (Amazon SQS)	
	Amazon Simple Storage Service (Amazon S3)	
	<b>Domain 14: Storage</b>	
	Amazon S3	
<b>To register for this course please e-mail/call us</b>		