ANS-C01 Q&As

AWS Certified Advanced Networking Specialty Exam

Pass Amazon ANS-C01 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.pass4itsure.com/ans-c01.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Amazon Official Exam Center

- **Instant Download** After Purchase
- **100% Money Back** Guarantee
- **365 Days** Free Update
- **800,000+** Satisfied Customers

QUESTION 1

A company has business operations in the United States and in Europe. The company\\'s public applications are running on AWS and use threetransit gateways. The transit gateways are located in the us-west-2, us-east-1, and eu-central-1 Regions. All the transit gateways areconnected to each other in a full mesh configuration.The company accidentally removes the route to the eu-central-1 VPCs from the us-west-2 transit gateway route table. The company alsoaccidentally removes the route to the us-west-2 VPCs from the eu-central-1 transit gateway route table.How can a network engineer identify the misconfiguration with the LEAST operational overhead?

A. Use the Route Analyzer feature for AWS Transit Gateway Network Manager.

B. Use the AWSSupport-SetupIPMonitoringFromVPC AWS Systems Manager Automation runbook. Push network telemetry data to AmazonCloudWatch Logs for analysis.

C. Use VPC flow logs in eu-central-1 and us-west-2 to analyze the missing routes.

D. Use Amazon VPC Traffic Mirroring in eu-central-1 or us-west-2 to take packet captures and troubleshoot the connectivity issues.

Correct Answer: A

https://docs.aws.amazon.com/network-manager/latest/tgwnm/route-analyzer.html

QUESTION 2

A company uses an AWS Direct Connect private VIF with a link aggregation group (LAG) that consists of two 10 Gbps connections. Thecompany\\'s security team has implemented a new requirement for external network connections to provide layer 2 encryption. The company\\'snetwork team plans to use MACsec support for Direct Connect to meet the new requirement.Which combination of steps should the network team take to implement this functionality? (Choose three.)

A. Create a new Direct Connect LAG with new circuits and ports that support MACsec.

B. Associate the MACsec Connectivity Association Key (CAK) and the Connection Key Name (CKN) with the new LAG.

C. Associate the Internet Key Exchange (IKE) with the existing LAG.

D. Configure the MACsec encryption mode on the existing LAG.

E. Configure the MACsec encryption mode on the new LAG.

F. Configure the MACsec encryption mode on each Direct Connect connection that makes up the existing LAG.

Correct Answer: ABE

To start using MACsec, you must turn the feature on when you create a dedicated connection
https://docs.aws.amazon.com/directconnect/latest/UserGuide/create-lag.html
https://docs.aws.amazon.com/directconnect/latest/UserGuide/direct-connect-mac-sec-getting-started.html
https://docs.aws.amazon.com/directconnect/latest/UserGuide/associate-key-lag.html

QUESTION 3

A consulting company manages AWS accounts for its customers. One of the company\\'s customers needs to add intrusion prevention for itsenvironment without having to re-architect the environment. The customer\\'s environment includes five VPCs in two AWS Regions in the UnitedStates. VPC-to-VPC connectivity is achieved through VPC peering. The customer does not plan to increase the number of VPCs within the next2 years. The solution must accommodate unencrypted traffic.Which solution will meet these requirements?

A. Configure VPC security groups and network ACLs.

B. Use an AWS Network Firewall centralized deployment model in each VPC.

C. Use an AWS Network Firewall distributed deployment model in each VPC.

D. Deploy AWS Shield in each VPC.

Correct Answer: C

https://aws.amazon.com/blogs/networking-and-content-delivery/deployment-models-for-aws-network-firewall/

QUESTION 4

A company has an application that runs on a fleet of Amazon EC2 instances. A new company regulation mandates that all network traffic toand from the EC2 instances must be sent to a centralized third-party EC2 appliance for content inspection.Which solution will meet these requirements?

A. Configure VPC flow logs on each EC2 network interface. Publish the flow logs to an Amazon S3 bucket. Create a third-party EC2appliance to acquire flow logs from the S3 bucket. Log in to the appliance to monitor network content.

B. Create a third-party EC2 appliance in an Auto Scaling group fronted by a Network Load Balancer (NLB). Configure a mirror session.Specify the NLB as the mirror target. Specify a mirror filter to capture inbound and outbound traffic. For the source of the mirror session,specify the EC2 elastic network interfaces for all the instances that host the application.

C. Configure a mirror session. Specify an Amazon Kinesis Data Firehose delivery stream as the mirror target. Specify a mirror filter tocapture inbound and outbound traffic. For the source of the mirror session, specify the EC2 elastic network interfaces for all the instancesthat host the application. Create a third-party EC2 appliance. Send all traffic to the appliance through the Kinesis Data Firehose deliverystream for content inspection.

D. Configure VPC flow logs on each EC2 network interface. Send the logs to Amazon CloudWatch. Create a third-party EC2 appliance.Configure a CloudWatch filter to send the flow logs to Amazon Kinesis Data Firehose to load the logs into the appliance.

Correct Answer: B

You can use the following resources as traffic mirror targets: Network interfaces of type interface Network Load Balancers Gateway Load Balancer endpoints https://docs.aws.amazon.com/vpc/latest/mirroring/traffic-mirroring-targets.html

QUESTION 5

A banking company is successfully operating its public mobile banking stack on AWS. The mobile banking stack is deployed in a VPC thatincludes private subnets and public subnets. The company is using IPv4 networking and has not deployed or supported IPv6 in theenvironment. The company has decided to adopt a third-party service provider\\'s API and must integrate the API with the existing environment.The service provider\\'s API requires the use of IPv6.A network engineer must turn on IPv6 connectivity for the existing workload that is deployed in a private subnet. The company

does not wantto permit IPv6 traffic from the public internet and mandates that the company\\'s servers must initiate all IPv6 connectivity. The networkengineer turns on IPv6 in the VPC and in the private subnets.Which solution will meet these requirements?

A. Create an internet gateway and a NAT gateway in the VPC. Add a route to the existing subnet route tables to point IPv6 traffic to theNAT gateway.

B. Create an internet gateway and a NAT instance in the VPC. Add a route to the existing subnet route tables to point IPv6 traffic to theNAT instance.

C. Create an egress-only Internet gateway in the VPAdd a route to the existing subnet route tables to point IPv6 traffic to the egress-onlyinternet gateway.

D. Create an egress-only internet gateway in the VPC. Configure a security group that denies all inbound traffic. Associate the securitygroup with the egress-only internet gateway.

Correct Answer: C

A. NAT Gateway does not support IPv6

B. NAT Instance will be on Public subnet where IPv6 is not enabled.

C. Works

D. You don\\'t to explicitly deny inbound access to EO GW. It is its default functionality.