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

QUESTION 1

A company is growing rapidly. Data transfers between the company\\'s on-premises systems and Amazon EC2 instances that run in VPCs arelimited by the throughput of a single AWS Site-to-Site VPN connection between the company\\'s on-premises data center firewall and an AWSTransit Gateway.A network engineer must resolve the throttling by designing a solution that is highly available and secure. The solution also must scale theVPN throughput from on premises to the VPC resources to support the increase in traffic.Which solution will meet these requirements?

A. Configure multiple dynamic BGP-based Site-to-Site VPN connections to the transit gateway. Configure equal-cost multi-path routing(ECMP).

B. Configure multiple static routing-based Site-to-Site VPN connections to the transit gateway. Configure equal-cost multi-path routing(ECMP).

C. Configure a new Site-to-Site VPN connection to the transit gateway. Enable acceleration for the Site-to-Site VPN connection.

D. Configure a software appliance-based VPN connection over the internet from the on-premises firewall to an EC2 instance that has alarge instance size and networking capabilities.

Correct Answer: A

https://aws.amazon.com/blogs/networking-and-content-delivery/scaling-vpn-throughput-using-aws-transit-gateway/

QUESTION 2

A company has deployed an AWS Network Firewall firewall into a VPC. A network engineer needs to implement a solution to deliver NetworkFirewall flow logs to the company\\'s Amazon OpenSearch Service (Amazon Elasticsearch Service) cluster in the shortest possible time.Which solution will meet these requirements?

A. Create an Amazon S3 bucket. Create an AWS Lambda function to load logs into the Amazon OpenSearch Service (Amazon ElasticsearchService) cluster. Enable Amazon Simple Notification Service (Amazon SNS) notifications on the S3 bucket to invoke the Lambda function.Configure flow logs for the firewall. Set the S3 bucket as the destination.

B. Create an Amazon Kinesis Data Firehose delivery stream that includes the Amazon OpenSearch Service (Amazon Elasticsearch Service)cluster as the destination. Configure flow logs for the firewall Set the Kinesis Data Firehose delivery stream as the destination for theNetwork Firewall flow logs.

C. Configure flow logs for the firewall. Set the Amazon OpenSearch Service (Amazon Elasticsearch Service) cluster as the destination forthe Network Firewall flow logs.

D. Create an Amazon Kinesis data stream that includes the Amazon OpenSearch Service (Amazon Elasticsearch Service) cluster as thedestination. Configure flow logs for the firewall. Set the Kinesis data stream as the destination for the Network Firewall flow logs.

Correct Answer: B

https://aws.amazon.com/blogs/networking-and-content-delivery/how-to-analyze-aws-network-firewall-logs-using-amazon-opensearch-service-part-1/

QUESTION 3

Two companies are merging. The companies have a large AWS presence with multiple VPCs and are designing connectivity between their AWSnetworks. Both companies are using AWS Direct Connect with a Direct Connect gateway. Each company also has a transit gateway andmultiple AWS Site-to-Site VPN connections from its transit gateway to on-premises resources. The new solution must optimize networkvisibility, throughput, logging, and monitoring.Which solution will meet these requirements?

A. Configure a Site-to-Site VPN connection between each company\\'s transit gateway to establish reachability between the respectivenetworks. Configure VPC Flow Logs for all VPCs. Publish the flow logs to Amazon CloudWatch. Use VPC Reachability Analyzer to monitorconnectivity.

B. Configure a Site-to-Site VPN connection between each company\\'s transit gateway to establish reachability between the respectivenetworks. Configure VPC Flow Logs for all VPCs. Publish the flow logs to Amazon CloudWatch. Use AWS Transit Gateway Network Managerto monitor the transit gateways and their respective connections.

C. Configure transit gateway peering between each company\\'s transit gateway. Configure VPC Flow Logs for all VPCs. Publish the flowlogs to Amazon CloudWatch. Use VPC Reachability Analyzer to monitor connectivity.

D. Configure transit gateway peering between each company\\'s transit gateway. Configure VPC Flow Logs for all VPCs. Publish the flow logsto Amazon CloudWatch. Use AWS Transit Gateway Network Manager to monitor the transit gateways, their respective connections, and thetransit gateway peering link.

Correct Answer: D

transit gateway peering will allow the communication between all networks. To monitor the overall infrastructure, AWS Transit Gateway Network Manager is utilized for this purpose. https://aws.amazon.com/transit-gateway/network-manager/

QUESTION 4

A financial trading company is using Amazon EC2 instances to run its trading platform. Part of the company\\'s trading platform includes athird-party pricing service that the EC2 instances communicate with over UDP on port 50000.Recently, the company has had problems with the pricing service. Some of the responses from the pricing service appear to be incorrectlyformatted and are not being processed successfully. The third-party vendor requests access to the data that the pricing service is returning.The third-party vendor wants to capture request and response data for debugging by logging in to an EC2 instance that accesses the pricingservice. The company prohibits direct access to production systems and requires all log analysis to be performed in a dedicated monitoringaccount.Which set of steps should a network engineer take to capture the data and meet these requirements?

A. 1. Configure VPC flow logs to capture the data that flows in the VPC.2. Send the data to an Amazon S3 bucket.3. In the monitoring account, extract the data that flows to the EC2 instance\\'s IP address and filter the traffic for the UDP data.4. Provide the data to the third-party vendor.

B. 1. Configure a traffic mirror filter to capture the UDP data.2. Configure Traffic Mirroring to capture the traffic for the EC2 instance\\'s elastic network interface.3. Configure a packet inspection package on a new EC2 instance in the production environment. Use the elastic network interface of thenew EC2 instance as the target for the traffic mirror.4. Extract the data by using the packet inspection package.5. Provide the data to the third-party vendor.

C. 1. Configure a traffic mirror filter to capture the UDP data.2. Configure Traffic Mirroring to capture the traffic for the EC2 instance\\'s elastic network interface.3. Configure a packet inspection package on a new EC2 instance in the monitoring account. Use the elastic network interface of the newEC2 instance as the target for the traffic mirror.4. Extract the data by using the packet inspection package.5. Provide the data to the third-party vendor.

D. 1. Create a new Amazon Elastic Block Store (Amazon EBS) volume. Attach the EBS volume to the EC2 instance.2. Log in to the EC2 instance in the production environment. Run the tcpdump command to capture the UDP data on the EBS volume.3. Export the data from the EBS volume to Amazon S3.4. Provide the data to the third-party vendor.

Correct Answer: C

https://docs.aws.amazon.com/vpc/latest/mirroring/traffic-mirroring-how-it-works.html

QUESTION 5

A company\\'s development team has created a new product recommendation web service. The web service is hosted in a VPC with a CIDRblock of 192.168.224.0/19. The company has deployed the web service on Amazon EC2 instances and has configured an Auto Scaling group asthe target of a Network Load Balancer (NLB).The company wants to perform testing to determine whether users who receive product recommendations spend more money than users whodo not receive product recommendations. The company has a big sales event in 5 days and needs to integrate its existing productionenvironment with the recommendation engine by then. The existing production environment is hosted in a VPC with a CIDR block of192.168.128 0/17.A network engineer must integrate the systems by designing a solution that results in the least possible disruption to the existingenvironments.Which solution will meet these requirements?

A. Create a VPC peering connection between the web service VPC and the existing production VPC. Add a routing rule to the appropriateroute table to allow data to flow to 192.168.224.0/19 from the existing production environment and to flow to 192.168.128.0/17 from theweb service environment. Configure the relevant security groups and ACLs to allow the systems to communicate.

B. Ask the development team of the web service to redeploy the web service into the production VPC and integrate the systems there.

C. Create a VPC endpoint service. Associate the VPC endpoint service with the NLB for the web service. Create an interface VPC endpointfor the web service in the existing production VPC.

D. Create a transit gateway in the existing production environment. Create attachments to the production VPC and the web service VPC.Configure appropriate routing rules in the transit gateway and VPC route tables for 192.168.224.0/19 and 192.168.128.0/17. Configure therelevant security groups and ACLs to allow the systems to communicate.

Correct Answer: C

The CIDR ranges are overlapping, hence VPC peering or Transit Gateway will not work in this scenario.