DBCLOUD
EXAMS

QUESTIONS & ANSWERS

verified



Technology Provider: Amazon
Exam: AWS Certified Advanced Networking - Specialty ANS-C01
Number of questions in the database: 303
Exam Version: NOV. 2026

Topic 1 - Exam A

Question #1*Topic 1*

A company is planning to create a service that requires encryption in transit. The traffic must not be decrypted between the client and the backend of the service. The company will implement the service by using the gRPC protocol over TCP port 443. The service will scale up to thousands of simultaneous connections. The backend of the service will be hosted on an Amazon Elastic Kubernetes Service (Amazon EKS) duster with the Kubernetes Cluster Autoscaler and the Horizontal Pod Autoscaler configured. The company needs to use mutual TLS for two-way authentication between the client and the backend.
Which solution will meet these requirements?

- A. Install the AWS Load Balancer Controller for Kubernetes. Using that controller, configure a Network Load Balancer with a TCP listener on port 443 to forward traffic to the IP addresses of the backend service Pods.
- B. Install the AWS Load Balancer Controller for Kubernetes. Using that controller, configure an Application Load Balancer with an HTTPS listener on port 443 to forward traffic to the IP addresses of the backend service Pods.
- C. Create a target group. Add the EKS managed node group's Auto Scaling group as a target Create an Application Load Balancer with an HTTPS listener on port 443 to forward traffic to the target group.
- D. Create a target group. Add the EKS managed node group’s Auto Scaling group as a target. Create a Network Load Balancer with a TLS listener on port 443 to forward traffic to the target group.

Correct Answer: *A*

Respuesta por mayor votación de la comunidad

A (64%)

B (36%)

Question #2*Topic 1*

A company is deploying a new application in the AWS Cloud. The company wants a highly available web server that will sit behind an Elastic Load Balancer. The load balancer will route requests to multiple target groups based on the URL in the request. All traffic must use HTTPS. TLS processing must be offloaded to the load balancer. The web server must know the user’s IP address so that

https://dbcloud.academy/

the company can keep accurate logs for security purposes.
Which solution will meet these requirements?

- A. Deploy an Application Load Balancer with an HTTPS listener. Use path-based routing rules to forward the traffic to the correct target group. Include the X-Forwarded-For request header with traffic to the targets.
- B. Deploy an Application Load Balancer with an HTTPS listener for each domain. Use host-based routing rules to forward the traffic to the correct target group for each domain. Include the X-Forwarded-For request header with traffic to the targets.
- C. Deploy a Network Load Balancer with a TLS listener. Use path-based routing rules to forward the traffic to the correct target group. Configure client IP address preservation for traffic to the targets.
- D. Deploy a Network Load Balancer with a TLS listener for each domain. Use host-based routing rules to forward the traffic to the correct target group for each domain. Configure client IP address preservation for traffic to the targets.

Correct Answer: *A*

Respuesta por mayor votación de la comunidad

A (98%)

2%

Question #3*Topic 1*

A company has developed an application on AWS that will track inventory levels of vending machines and initiate the restocking process automatically. The company plans to integrate this application with vending machines and deploy the vending machines in several markets around the world. The application resides in a VPC in the us-east-1 Region. The application consists of an Amazon Elastic Container Service (Amazon ECS) cluster behind an Application Load Balancer (ALB). The communication from the vending machines to the application happens over HTTPS.
The company is planning to use an AWS Global Accelerator accelerator and configure static IP addresses of the accelerator in the vending machines for application endpoint access. The application must be accessible only through the accelerator and not through a direct connection over the internet to the ALB endpoint.
Which solution will meet these requirements?

- A. Configure the ALB in a private subnet of the VPC. Attach an internet gateway without adding routes in the subnet route tables to point to the internet gateway. Configure the accelerator with endpoint groups that include the ALB endpoint. Configure the ALB's security group to only allow inbound traffic from the internet on the ALB listener port.
- B. Configure the ALB in a private subnet of the VPC. Configure the accelerator with endpoint groups that include the ALB endpoint. Configure the ALB's security group to only allow inbound traffic from the internet on the ALB listener port.

https://dbcloud.academy/

- C. Configure the ALB in a public subnet of the VPAttach an internet gateway. Add routes in the subnet route tables to point to the internet gateway. Configure the accelerator with endpoint groups that include the ALB endpoint. Configure the ALB's security group to only allow inbound traffic from the accelerator's IP addresses on the ALB listener port.
- D. Configure the ALB in a private subnet of the VPC. Attach an internet gateway. Add routes in the subnet route tables to point to the internet gateway. Configure the accelerator with endpoint groups that include the ALB endpoint. Configure the ALB's security group to only allow inbound traffic from the accelerator's IP addresses on the ALB listener port.

Correct Answer: *A*

Respuesta por mayor votación de la comunidad

A (61%)

D (39%)

Question #4*Topic 1*

A global delivery company is modernizing its fleet management system. The company has several business units. Each business unit designs and maintains applications that are hosted in its own AWS account in separate application VPCs in the same AWS Region. Each business unit's applications are designed to get data from a central shared services VPC.
The company wants the network connectivity architecture to provide granular security controls. The architecture also must be able to scale as more business units consume data from the central shared services VPC in the future.
Which solution will meet these requirements in the MOST secure manner?

- A. Create a central transit gateway. Create a VPC attachment to each application VPC. Provide full mesh connectivity between all the VPCs by using the transit gateway.
- B. Create VPC peering connections between the central shared services VPC and each application VPC in each business unit's AWS account.
- C. Create VPC endpoint services powered by AWS PrivateLink in the central shared services VPCreate VPC endpoints in each application VPC.
- D. Create a central transit VPC with a VPN appliance from AWS Marketplace. Create a VPN attachment from each VPC to the transit VPC. Provide full mesh connectivity among all the VPCs.

Correct Answer: *C*

Respuesta por mayor votación de la comunidad

C (96%)

2%

https://dbcloud.academy/