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QUESTION 1

Your on-premises data center has 2 routers connected to your Google Cloud environment through a VPN on each router. All applications are working correctly; however, all of the traffic is passing across a single VPN instead of being load-balanced across the 2 connections as desired.

load-balanced across the 2 connections as desired.
During troubleshooting you find:
1.
Each on-premises router is configured with a unique ASN.
2.
Each on-premises router is configured with the same routes and priorities.
3.
Both on-premises routers are configured with a VPN connected to a single Cloud Router.
4.
BGP sessions are established between both on-premises routers and the Cloud Router.
5.
Only 1 of the on-premises router\\'s routes are being added to the routing table.
What is the most likely cause of this problem?
A. The on-premises routers are configured with the same routes.
B. A firewall is blocking the traffic across the second VPN connection.
C. You do not have a load balancer to load-balance the network traffic.
D. The ASNs being used on the on-premises routers are different.
Correct Answer: D
QUESTION 2

Your on-premises data center has 2 routers connected to your GCP through a VPN on each router. All applications are working correctly; however, all of the traffic is passing across a single VPN instead of being load-balanced across the 2 connections as desired.

During troubleshooting you find:

1.

Each on-premises router is configured with the same ASN.

2.

Each on-premises router is configured with the same routes and priorities.

3.

Both on-premises routers are configured with a VPN connected to a single Cloud Router.

4.

The VPN logs have no-proposal-chosen lines when the VPNs are connecting.

5.

BGP session is not established between one on-premises router and the Cloud Router.

What is the most likely cause of this problem?

- A. One of the VPN sessions is configured incorrectly.
- B. A firewall is blocking the traffic across the second VPN connection.
- C. You do not have a load balancer to load-balance the network traffic.
- D. BGP sessions are not established between both on-premises routers and the Cloud Router.

Correct Answer: C

QUESTION 3

You are designing a Google Kubernetes Engine (GKE) cluster for your organization. The current cluster size is expected to host 10 nodes, with 20 Pods per node and 150 services. Because of the migration of new services over the next 2 years, there is a planned growth for 100 nodes, 200 Pods per node, and 1500 services. You want to use VPC-native clusters with alias IP ranges, while minimizing address consumption.

How should you design this topology?

- A. Create a subnet of size/25 with 2 secondary ranges of: /17 for Pods and /21 for Services. Create a VPC-native cluster and specify those ranges.
- B. Create a subnet of size/28 with 2 secondary ranges of: /24 for Pods and /24 for Services. Create a VPC-native cluster and specify those ranges. When the services are ready to be deployed, resize the subnets.
- C. Use gcloud container clusters create [CLUSTER NAME]--enable-ip-aliasto create a VPC-native cluster.
- D. Use gcloud container clusters create [CLUSTER NAME]to create a VPC-native cluster.

Correct Answer: B

Reference: https://cloud.google.com/kubernetes-engine/docs/how-to/private-clusters

QUESTION 4

You are creating an instance group and need to create a new health check for HTTP(s) load balancing.

Which two methods can you use to accomplish this? (Choose two.)

- A. Create a new health check using the gcloud command line tool.
- B. Create a new health check using the VPC Network section in the GCP Console.
- C. Create a new health check, or select an existing one, when you complete the load balancer\\'s backend configuration in the GCP Console.
- D. Create a new legacy health check using the gcloudcommand line tool.
- E. Create a new legacy health check using the Health checks section in the GCP Console.

Correct Answer: AE

Reference: https://cloud.google.com/load-balancing/docs/health-checks

QUESTION 5

You have a storage bucket that contains the following objects:

- -folder-a/image-a-1.jpg
- -folder-a/image-a-2.jpg
- -folder-b/image-b-1.jpg
- -folder-b/image-b-2.jpg

Cloud CDN is enabled on the storage bucket, and all four objects have been successfully cached. You want to remove the cached copies of all the objects with the prefix folder-a, using the minimum number of commands.

What should you do?

- A. Add an appropriate lifecycle rule on the storage bucket.
- B. Issue a cache invalidation command with pattern /folder-a/*.
- C. Make sure that all the objects with prefix folder-a are not shared publicly.
- D. Disable Cloud CDN on the storage bucket. Wait 90 seconds. Re-enable Cloud CDN on the storage bucket.

Correct Answer: C

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