EXAMTOPICS

- Expert Verified, Online, **Free**.

MENU

Google Discussions

Exam Associate Cloud Engineer All Questions

View all questions & answers for the Associate Cloud Engineer exam

Go to Exam

EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 51 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 51

Topic #: 1

[All Associate Cloud Engineer Questions]

You need to create an autoscaling managed instance group for an HTTPS web application. You want to make sure that unhealthy VMs are recreated. What should you do?

- A. Create a health check on port 443 and use that when creating the Managed Instance Group.

- B. Select Multi-Zone instead of Single-Zone when creating the Managed Instance Group.

- C. In the Instance Template, add the label 'health-check'.

- D. In the Instance Template, add a startup script that sends a heartbeat to the metadata server.

Show Suggested Answer

---

by   cesar7816 at *March 22, 2020, 5:22 p.m.*

Comments

Type your comment...

Submit

cesar7816 **Highly Voted**   4 years, 7 months ago

I'll go with A, MIGs support autohealing, load balancing, autoscaling, and auto-updating. no the Images templates, this is set up in the MIG

set up in the MIG

tanito83 `Highly Voted` 3 years, 4 months ago

The correct answer is A. Please, modify it.

Enamfrancis `Most Recent` 4 weeks ago

`Selected Answer: A`

A is the correct answer.

XNap 7 months, 1 week ago

`Selected Answer: A`

The correct answer is A. Create a health check on port 443 and use that when creating the Managed Instance Group.

Option B is related to the availability and distribution of instances across multiple zones, but it does not directly address the requirement of recreating unhealthy VMs.
Option C is incorrect because labels are not used for configuring health checks in GCP.
Option D is an alternative method for health checking, but it is not as straightforward as using the built-in health check functionality provided by GCP for managed instance groups.

fraiacca 1 year, 1 month ago

`Selected Answer: A`

Only A answer has some sense

Captain1212 1 year, 1 month ago

`Selected Answer: A`

443 means http A seems more correct

sthapit 1 year, 2 months ago

C is incomplete. A all the way

Nxt_007 1 year, 2 months ago

`Selected Answer: A`

Option A is the correct choice because it involves creating a health check specifically on port 443, which is the standard port for HTTPS traffic. This health check will monitor the health of the instances based on their ability to respond to HTTPS requests. When creating the Managed Instance Group, you would configure it to use this health check to determine the health of the instances
Options B, C, and D are not directly related to setting up proper health checks for autoscaling and ensuring unhealthy instances are recreated

Backlander 1 year, 4 months ago

A for A-Game let's goooo!

Vamshi_Krishna 1 year, 5 months ago

`Selected Answer: A`

C is definitely incorrect. Adding a label does not recreate unhealthy VMs.
A is CORRECT.

Ashish_Tayal 1 year, 6 months ago

`Selected Answer: A`

As web application is on Https, so will set port 443 to check health of instance.

raselsys 1 year, 7 months ago

`Selected Answer: A`

A is the right answer.
ANSWER C is incorrect, adding a label to the instance template, has no direct impact on the ability to recreate unhealthy VMs.

Buruguduystunstugudunstuy 1 year, 8 months ago

ANSWER A. Create a health check on port 443 and use that when creating the Managed Instance Group.

To ensure that unhealthy VMs are recreated, a health check should be created to monitor the instances in the managed instance group. This health check should be configured to check the appropriate endpoint for the web application, which in this case would be port 443 for HTTPS. If an instance is determined to be unhealthy, the instance group will automatically recreate it.

INCORRECT:

ANSWER B is not directly related to recreating unhealthy VMs, but instead ensures that the instance group spans multiple zones for increased availability.

ANSWER C, adding a label to the instance template, has no direct impact on the ability to recreate unhealthy VMs.

ANSWER D, adding a startup script to send a heartbeat to the metadata server, can help detect and recover from application-level failures, but it does not directly ensure that unhealthy VMs are recreated.

upvoted 11 times

Anonimos 1 year, 10 months ago

I go with A, default port is 443 for https

upvoted 1 times

dennydream 1 year, 11 months ago

This shows the importance of reading exactly what it says. The label can throw you off. A is the answer.

upvoted 1 times

leogor 1 year, 12 months ago

A obviously, port 443 for HTTPS application

upvoted 1 times

Untamables 2 years ago

A is correct.
https://cloud.google.com/compute/docs/instance-groups/autohealing-instances-in-migs#setting_up_an_autohealing_policy

upvoted 2 times

Load full discussion...

Start Learning for free

EXAMTOPICS

We are the biggest and most updated IT certification exam material website.

Using our own resources, we strive to strengthen the IT professionals community for free.