EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 5 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer
Question #: 5
Topic #: 1
[All Associate Cloud Engineer Questions]

You are using multiple configurations for gcloud. You want to review the configured Kubernetes Engine cluster of an inactive configuration using the fewest possible steps. What should you do?

A. Use gcloud config configurations describe to review the output.

B. Use gcloud config configurations activate and gcloud config list to review the output.

C. Use kubectl config get-contexts to review the output.

D. Use kubectl config use-context and kubectl config view to review the output.

Show Suggested Answer

by zukko78 at *May 11, 2020, 4:26 p.m.*

Comments

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zukko78 **Highly Voted** 4 years, 5 months ago
D is correct
upvoted 46 times

upvoted 46 times

nhusain 3 years, 5 months ago
https://medium.com/google-cloud/kubernetes-engine-kubectl-config-b6270d2b656c

explains it well
upvoted 11 times

poogcp **Highly Voted** 4 years, 4 months ago
C is correct , Use kubectl config get-contexts to review the output : shows the clusters and the configurations and based on the output we can identify the inactive configurations
upvoted 25 times

Gurnoor 4 years, 4 months ago
This is wrong get-contexts does not show clusters it only shows contexts.
upvoted 10 times

jilly 4 years, 3 months ago
True .
Will give only below results
kubectl config get-contexts
CURRENT NAME CLUSTER AUTHINFO NAMESPACE
* white white dazwilkin
black black dazwilkin
upvoted 1 times

fracila 1 year, 11 months ago
kubectl config get-contexts displays a list of contexts as well as the clusters that use them. Here's a sample output.
upvoted 2 times

denno22 **Most Recent** 1 week ago
Selected Answer: D
D is correct.
upvoted 1 times

Buruguduystunstugudunstuy 3 weeks, 6 days ago
Selected Answer: D
Answer A: Using `gcloud config configurations described` will only show you the details of the current configuration, not the Kubernetes Engine cluster of an inactive configuration.

Answer B: Using `gcloud config configurations activate` and `gcloud config list` to review the output will only show you the list of configurations and activate one of them, but it won't provide you with the details of the Kubernetes Engine cluster of an inactive configuration.

Answer C: Using `kubectl config get-contexts` will only list the available contexts, including their clusters, but it won't provide you with the details of the Kubernetes Engine cluster of an inactive configuration.
upvoted 2 times

sivakarthick16 3 weeks, 6 days ago
Selected Answer: C
This command allows you to see the contexts available in your kubeconfig file, including those associated with inactive configurations, without needing to activate any configuration. It provides a straightforward way to review the clusters and contexts without additional steps.
upvoted 1 times

nubelukita45852 1 month ago
Selected Answer: A
To review inactive gcloud configuration, the most direct and efficient command is to use gcloud config configurations describe, as it allows you to view the details of a specific configuration without needing to activate it first. This is ideal for reviewing the Kubernetes Engine cluster configured in that configuration without changing the active context.

B involves activating the setting first, which requires additional steps.
C and D refer to kubectl commands, which are not directly related to gcloud configuration but rather to managing Kubernetes contexts.
upvoted 1 times

nubelukita45852 1 month ago
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upvoted 1 times

harsh5kalsait 2 months, 1 week ago

Best Choice: A

Option A is the best choice. It allows you to review the details of the configurations using the `gcloud config configurations describe`, which provides a straightforward way to examine the configurations themselves. This approach does not require activating the configuration and provides the necessary configuration details directly.

If you need to see details about the Kubernetes Engine cluster in an inactive configuration, you might typically need to activate the configuration first and then use gcloud commands to list clusters, but since the goal is to use the fewest steps and you are only reviewing configurations, gcloud config configurations describe is the best fit for directly reviewing the configuration details.

upvoted 1 times

Sami_27 2 months, 2 weeks ago

Option D assumes you know the configuration name and want to make it active for reviewing purposes. But to review a configuration you need not make it active.
If you don't want to activate the inactive configuration, then:
Use gcloud config configurations list or Use kubectl config get-contexts to view the name of the configuration and it's status (active/inactive). This won't give cluster-related information.

There is No correct option. But, to review the configured Kubernetes Engine cluster, kubectl config view is a must.
Note: the gcloud commands will only provide gcp-related details, not cluster-specific.

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EMPERBACH 4 months, 1 week ago

Selected Answer: A

The fewest steps to review the configured Kubernetes Engine cluster of an inactive configuration involve using the gcloud command-line tool and its configuration functionality:

1. Use gcloud config configurations describe:

This command displays details about a specific configuration named after your inactive cluster setup. It provides information about the project, compute zone, and other cluster settings without needing to activate it.

upvoted 2 times

subha.elumalai 5 months ago

Correct Answer: D
Reference:
https://medium.com/google-cloud/kubernetes-engine-kubectl-config-b6270d2b656c

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billytran89z 8 months, 1 week ago

C. Use kubectl config get-contexts to review the output.
Option C, using kubectl config get-contexts, allows you to directly see the available contexts, including those from inactive configurations, and review the Kubernetes Engine clusters associated with them. This approach provides the necessary information efficiently.
Option D (Use kubectl config use-context and kubectl config view to review the output) involves changing the active context and viewing the Kubernetes configuration but may involve unnecessary steps.

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zesymu 8 months, 3 weeks ago

Selected Answer: D

D is right answer!

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nobuocom 9 months, 1 week ago

A.

If we look at B:
https://cloud.google.com/sdk/gcloud/reference/config/list - gcloud config list will show name of Kubernetes cluster used by default when working with a profile.
https://cloud.google.com/sdk/gcloud/reference/config/configurations/activate - to switch to another profile you need to run gcloud config configurations activate.
However, knowing the name of the gcloud profile, we can directly query it using "gcloud config configurations describe

<PROFILE NAME> --all", while "gcloud config list" has no option for profile name as argument.

If we look at C:
"kubectl config get-contexts" will show contexts configured for Kubectl tool, without considering the multiple profiles on gcloud.

If we look at D:
"kubectl config view" output of this command the same in every selected context, except for the line of "current-context". One command more than in C and it is still not considering the Gcloud profile configurations.

upvoted 3 times

Vijay9032 9 months, 2 weeks ago

Selected Answer: C

C is the right answer

upvoted 2 times

Ri_s_hi_123 10 months ago

The answer cannot be C or D because they are related to kubectl commands, not gcloud commands.

Option C suggests using the kubectl config get-contexts command to review the Kubernetes context, which is not related to gcloud configurations.
Option D suggests using the kubectl config use-context and kubectl config view commands to review the Kubernetes context, which again is not related to gcloud configurations.
Therefore, the correct answer is B, which suggests using gcloud commands to activate the desired configuration and then list the details of the activated configuration, including the configured Kubernetes Engine cluster.

upvoted 1 times

MiscoMove 10 months, 1 week ago

Option A - gcloud config configurations describe <INACTIVE_CONFIGURATION>
Seems to be correct as this command directly retrieves the details of the specified inactive configuration, including its Kubernetes Engine cluster configuration, in a single step. It avoids activating the inactive configuration or switching contexts, making it the most efficient and accurate approach.

Option D - kubectl config use-context and kubectl config view
Also correct but compared to the single command in option A, option D involves two separate commands and potentially an additional step to identify the correct context name for the inactive configuration.

Which one to chose? I think A right?

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