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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 32 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 32

Topic #: 1

[All Associate Cloud Engineer Questions]

You need to monitor resources that are distributed over different projects in Google Cloud Platform. You want to consolidate reporting under the same Stackdriver

Monitoring dashboard. What should you do?

A. Use Shared VPC to connect all projects, and link Stackdriver to one of the projects.

B. For each project, create a Stackdriver account. In each project, create a service account for that project and grant it the role of Stackdriver Account Editor in all other projects.

C. Configure a single Stackdriver account, and link all projects to the same account.

D. Configure a single Stackdriver account for one of the projects. In Stackdriver, create a Group and add the other project names as criteria for that Group.

Show Suggested Answer

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by   coldpar at *March 15, 2020, 10:31 p.m.*

Comments

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sahedge `Highly Voted` 3 years, 10 months ago

First of all D is incorrect, Groups are used to define alerts on set of resources(such as VM instances, databases, and load balancers). FYI tried adding Two projects into a group it did not allowed me as the "AND"/"OR" criteria for the group failed with this combination of resources.

C is correct because,
When you intially click on Monitoring(Stackdriver Monitoring) it creates a workspac(a stackdriver account) linked to the ACTIVE(CURRENT) Project from which it was clicked.

Now if you change the project and again click onto Monitoring it would create an another workspace(a stackdriver account) linked to the changed ACTIVE(CURRENT) Project, we don't want this as this would not consolidate our result into a single dashboard(workspace/stackdriver account).

If you have accidently created two diff workspaces merge them under Monitoring > Settings > Merge Workspaces > MERGE.

If we have only one workspace and two projects we can simply add other GCP Project under
Monitoring > Settings > GCP Projects > Add GCP Projects.

In both of these cases we did not create a GROUP, we just linked GCP Project to the workspace(stackdriver account).

upvoted 98 times

coldpar `Highly Voted` 4 years, 7 months ago

C is correct not D

upvoted 35 times

KC_go_reply `Most Recent` 3 days, 23 hours ago

`Selected Answer: C`

The correct answer is **C. Configure a single Stackdriver account, and link all projects to the same account.**

Stackdriver Monitoring (now Google Cloud Monitoring) doesn't work on a per-project account basis. There's a single Monitoring service that spans your entire Google Cloud organization. All projects within the organization can automatically report metrics to this single Monitoring instance. You don't need to create separate accounts or use complex workarounds like Shared VPC or inter-project service accounts. Option C directly addresses this by leveraging the inherent design of Cloud Monitoring.

Options A, B, and D are incorrect because they introduce unnecessary complexity and don't utilize the built-in functionality of Google Cloud Monitoring for consolidated reporting across multiple projects. They might even lead to permission issues and difficulties in maintaining a unified view of your resources.

upvoted 1 times

RJ78 1 month, 1 week ago

`Selected Answer: D`

This method provides a centralized and flexible way to monitor resources across different projects, without requiring complex network configurations or additional accounts.

upvoted 1 times

edoo 8 months, 3 weeks ago

`Selected Answer: C`

D is incorrect because a stackdriver group can group resources but not projects. Creating a single Stackdriver account in one project and creating a Group with other project names as criteria does not automatically aggregate and monitor metrics from different projects in a single dashboard. While creating a Group can help organize and manage metrics, it does not provide a solution for linking and monitoring metrics from different projects. You would still need to separately configure and link each project to the Stackdriver account to monitor their respective metrics.

upvoted 2 times

gsmasad 11 months, 3 weeks ago

`Selected Answer: C`

C is more correct, just link them into one

upvoted 2 times

Yad_datatonic 1 year, 1 month ago

`Selected Answer: C`

Option C is the recommended approach because it allows you to configure a single Stackdriver account and link all your projects to this account. This way, you can centralise monitoring, create custom dashboards, set up alerts, and gain a unified view of your resources distributed across different projects in a more straightforward and consolidated manner. It provides a single point of access and management for monitoring across all projects, which is typically the desired outcome for multi-project environments.

upvoted 1 times

Captain1212 1 year, 1 month ago

Selected Answer: C

C is more correct, just link them into one

upvoted 1 times

SanjeevKumar1983 1 year, 1 month ago

Selected Answer: D

https://cloud.google.com/monitoring/settings
Best practices for scoping projects
We recommend that you use a new Google Cloud project or one without resources as the scoping project when you want to view metrics for multiple Google Cloud projects or AWS accounts.

When a metrics scope contains monitored projects, to chart or monitor only those metrics stored in the scoping project, you must specify filters that exclude metrics from the monitored projects. The requirement to use filters increases the complexity of chart and alerting policy, and it increases the possibility of a configuration error. The recommendation ensures that these scoping projects don't generate metrics, so there are no metrics in the projects to chart or monitor.

upvoted 1 times

shreykul 1 year, 3 months ago

Selected Answer: C

C is correct

upvoted 1 times

shubham126 1 year, 7 months ago

C is correct because you can monitor multiple GCP projects from a single stackdriver account

upvoted 1 times

ranit12 1 year, 7 months ago

c should be correct

upvoted 1 times

Buruguduystunstugudunstuy 1 year, 8 months ago

Selected Answer: C

Answer C. Configure a single Stackdriver account and link all projects to the same account.

By linking all projects to the same Stackdriver account, you can consolidate monitoring and reporting for all resources across multiple projects. This can be done by following the instructions provided by Stackdriver on how to add projects to an account.

Answer A is not the best solution since Shared VPC does not consolidate the monitoring and reporting of resources distributed over different projects.

Answer B is not an efficient solution as it requires creating multiple Stackdriver accounts, which can lead to confusion and inefficiency.

Answer D is not the best solution as it only groups the projects under one account, but it does not consolidate monitoring and reporting.

upvoted 5 times

[Removed] 1 year, 10 months ago

Have anybody all questions and want top share? Thanks!

upvoted 1 times

Sanay 1 year, 11 months ago

If anyone is the contributor please share the dumps on shah.sana@northeastern.edu

upvoted 1 times

leogor 1 year, 12 months ago

C. Configure a single Stackdriver account, and link all projects to the same account.

upvoted 1 times

sandipk91 2 years, 1 month ago

Selected Answer: C

Option C

upvoted 1 times

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