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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 66 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 66

Topic #: 1

[All Associate Cloud Engineer Questions]

Your company has an existing GCP organization with hundreds of projects and a billing account. Your company recently acquired another company that also has hundreds of projects and its own billing account. You would like to consolidate all GCP costs of both GCP organizations onto a single invoice. You would like to consolidate all costs as of tomorrow. What should you do?

A. Link the acquired company's projects to your company's billing account.

B. Configure the acquired company's billing account and your company's billing account to export the billing data into the same BigQuery dataset.

C. Migrate the acquired company's projects into your company's GCP organization. Link the migrated projects to your company's billing account.

D. Create a new GCP organization and a new billing account. Migrate the acquired company's projects and your company's projects into the new GCP organization and link the projects to the new billing account.

Show Suggested Answer

by ☐saurabh1805 at *June 4, 2020, 5:52 p.m.*

Comments

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GunjGupta `Highly Voted` 4 years, 4 months ago

To me, A looks correct. projects are linked to another organization as well in the acquired company so migrating would need google cloud support. we can not do ourselves. however, we can link other company projects to an existing billing account to generate total cost.

https://medium.com/google-cloud/google-cloud-platform-cross-org-billing-41c5db8fefa6

upvoted 56 times

spudleymcdudley 4 years, 3 months ago

Listen to this guy. It's 'A' as moving projects can take some time from Google. There's no need to create a new organisation and other options don't make any sense

upvoted 10 times

lxgywil 3 years, 5 months ago

You're saying it as if "moving projects" was a viable option. What about B?

upvoted 2 times

ryumada 2 years, 2 months ago

I think B is not make sense. You don't want to do statistical analytic to the billing data. You want to consolidate all the costs as of tomorrow. So, the costs as of tomorrow should be billed in one billing account. That's what I've understand from the question.

upvoted 3 times

uganeshku 2 years, 10 months ago

A is correct because linking all projects of the acquired organization to the main organization's billing account will generate a single bill for all projects.
D is incorrect because there is no need to create a new organization for this.

upvoted 5 times

XRiddlerX `Highly Voted` 4 years, 2 months ago

I could be missing something but where does it say in the question that the two orgs want to migrate projects? I believe the question and key points are "consolidate all GCP costs" and "consolidate all costs as of tomorrow". With that said, C and D would not be a 24 hour task and seems a bit cumbersome to perform for something simple as "creating a single invoice" AND that's a migration and not a consolidation of cost. With A, I can't find anywhere in GCP docs that this is a best practice, only a medium.com blog. IMHO, I won't go down this route because "Just because you can do something, doesn't mean you should." and I would consult GCP support for best practices on A before I do something like that.

That leaves B which is to export both detailed billing to BigQuery and create a invoice/report. This would be a temporary solution until you migrate Organizations. IMHO

I go with B.

upvoted 47 times

ashrafh 3 years, 2 months ago

I also vote B,
why?
agree with this technical explanation and my finance team not gonna pay some newly acquired company bill by tomorrow :)

upvoted 5 times

Armne96X 2 years, 10 months ago

Are you sure you can do all steps by tomorrow?
(You would like to consolidate all costs as of tomorrow)

upvoted 1 times

ninjaasmoke 1 year, 10 months ago

What does exporting data to BigQuery have to do with creating an Invoice?

upvoted 4 times

TAvenger 3 years, 8 months ago

I am not sure that exporting some statistical data to BigQuery means anything for Google who creates the invoice. With "A" you are right, that is not the best practice, but the key word "for tomorrow" allows this custom approach. So the answer is "A"

upvoted 17 times

zaxma 2 years, 6 months ago

I will go with A in the exam as well, but just wondering, they are two different organisations, how can you link all

projects from org2 to org1's billing account without the help of GCP support??

☐ ☐ ☐ upvoted 1 times

☐ ☐ **eBooKz** 1 year, 9 months ago

Cloud Billing accounts can be used across organization resources. However, organization resource moves often also include a requirement to move to a new billing account. To get the permissions that you need to change the project's billing account, ask your administrator to grant you the following IAM roles:

Billing Account User (roles/billing.user) on the destination billing account
Project billing manager (roles/billing.projectManager) on the project

https://cloud.google.com/resource-manager/docs/project-migration#permissions-billing

☐ ☐ ☐ upvoted 1 times

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☐ ☐ **Enamfrancis** Most Recent ☐ 4 weeks ago

Selected Answer: C

I will go for C

☐ ☐ ☐ upvoted 1 times

☐ ☐ **DWT33004** 6 months, 1 week ago

Selected Answer: A

A. Link the acquired company's projects to your company's billing account.

Explanation:

Billing Account Linking: By linking the acquired company's projects to your company's billing account, you can consolidate all costs onto a single invoice. This allows for centralized billing management and easier tracking of expenses.

Immediate Consolidation: This action can be implemented quickly and efficiently, allowing for cost consolidation as of tomorrow, as specified in the requirement.

Minimal Disruption: Linking projects to a different billing account does not require significant changes to the existing project configurations or organizational structure. It allows both companies to maintain their separate GCP organizations and project structures while consolidating billing.

Cost Tracking: With all costs consolidated onto a single invoice, it becomes easier to track expenses and manage budgets effectively.

☐ ☐ ☐ upvoted 1 times

☐ ☐ **abyacharya90** 8 months ago

C. Migrate the acquired company's projects into your company's GCP organization. Link the migrated projects to your company's billing account.

Here's why:

Option A: Linking projects to a different billing account doesn't consolidate costs onto a single invoice.
Option B: Exporting data to a shared BigQuery dataset allows analysis but doesn't consolidate billing itself.
Option C: This approach achieves your goal efficiently:
Migration: Moving acquired company projects into your organization allows centralized management and cost consolidation.
Linking to existing billing account: Ensures all project costs appear on your existing invoice starting from the day of migration.
Timing: Given the urgency of same-day consolidation, this is the fastest option.

☐ ☐ ☐ upvoted 1 times

☐ ☐ **PiperMe** 8 months, 1 week ago

This question is outdated: As of October 26, 2023, Google Cloud Platform does not allow directly linking projects between separate organizations to a single billing account. Each organization must have its own billing account, and resource costs cannot be directly consolidated across distinct organizations.

☐ ☐ ☐ upvoted 4 times

☐ ☐ **Shriyanka** 9 months, 3 weeks ago

C should be be correct as per me

☐ ☐ ☐ upvoted 1 times

☐ ☐ **BAofBK** 11 months, 2 weeks ago

The correct answer is D

☐ ☐ ☐ upvoted 1 times

☐ ☐ **Captain1212** 1 year, 1 month ago

A is the correct answer

? ? ? upvoted 1 times

sthapit 1 year, 2 months ago

To consolidate all GCP costs of both organizations onto a single invoice, you would need to set up a new GCP organization and a new billing account. This new billing account would be used to aggregate the costs of both companies' projects.

OPTION D

? ? ? upvoted 1 times

jayjani66 1 year, 3 months ago

Correct answer is B. By configuring both billing accounts to export their billing data into the same BigQuery dataset, you can perform cost analysis and generate consolidated reports. This will enable you to have a comprehensive view of the costs incurred by both organizations and facilitate the process of managing expenses and making financial decisions.

? ? ? upvoted 1 times

Vamshi_Krishna 1 year, 5 months ago

A would be the quickest

? ? ? upvoted 1 times

yash_901 1 year, 5 months ago

Hi Krishna: I have a query:
Could you confirm if these questions are the exact questions that would come in the exam? I can see there are 201 questions mentioned but I got only 197. Also, with each question, its mentioned topic 1. Does that mean there are more topics for ACE exam?

? ? ? upvoted 1 times

sakdip66 1 year, 6 months ago

option D is not the best option we can have since it involves additional effort and resources, .i.e migrating all projects from both companies which is a hassle and time consuming.

our best option is A since we acquire new company we just add it to our "company" for the purpose of putting it onto single invoice

? ? ? upvoted 3 times

lazyboy 1 year, 6 months ago

Hello everyone

? ? ? upvoted 1 times

Buruguduystunstugudunstuy 1 year, 8 months ago

ANSWER "A" would be the quickest way to consolidate all costs onto a single invoice as of tomorrow. As in "tomorrow" or else your BOSS will fire you for not providing within 24 hours. LOL! Just kidding. By linking the acquired company's projects to your company's billing account, you can ensure that all costs for both GCP organizations are billed to a single billing account.

ANSWER "C" would be the proper way to consolidate the GCP organizations in the long term, but it would take more time to migrate the acquired company's projects into your company's GCP organization and link the projects to your company's billing account.

ANSWER "B" suggests configuring both billing accounts to export billing data into the same BigQuery dataset. While this approach can help consolidate billing data and provide a more comprehensive view of costs, it does not provide a single invoice for all costs as the question requires.

? ? ? upvoted 5 times

Buruguduystunstugudunstuy 1 year, 8 months ago

ANSWER "D" involves creating a new GCP organization and a new billing account and migrating both companies' projects into the new organization and billing account. While this approach can consolidate costs onto a single invoice, it is a more complex and time-consuming process that may not be feasible to complete within 24 hours as the question requires. It is also not ideal if the two companies' projects have different access control requirements or billing policies that need to be maintained separately.

Therefore, in the context of the given question and the requirement to consolidate costs as of tomorrow onto a single invoice, ANSWER "A", linking the acquired company's projects to the existing billing account, is the most appropriate and practical solution.

? ? ? upvoted 4 times

kaisehhop 1 year, 8 months ago

C. Migrate the acquired company's projects into your company's GCP organization. Link the migrated projects to your company's billing account.

To consolidate costs onto a single invoice, you need to bring all projects under the same GCP organization and link them to the same billing account. The best way to achieve this is to migrate the acquired company's projects into your company's GCP organization and link them to your company's billing account. This will ensure that all costs are consolidated onto a single invoice and can be easily managed and monitored from a single location.

? ? ?   upvoted 2 times

? ? **cslince** 1 year, 10 months ago

Correct Answer should be A

? ? ?   upvoted 1 times

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