EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 116 DISCUSSION

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Comments

ezat Highly Voted

D cuz u just need read for DB at the other project

DarioFama23

U re right, D is the correct answee

tavva_prudhvi

See the option correctly, as the web app needs access to the big query datasets we have to give access to the web app the data viewer role to only read the datasets! Hence, C

[Removed]

Question didn't specify if the required access is Read only or more, its saying "access" which could be write permissions as well. I will go with C

dttncl

It is D because you're right, the question doesn't specify any specific kind of access, however, we need to follow the principle of least-privilege. Hence, we can only assume that read-only access is needed.

bigquery.dataViewer should be assigned to the group of analysts in the crm-databases-proj project. https://cloud.google.com/bigquery/docs/access-control-examples#read_access_to_data_in_a_different_project

[Removed]

U r right, it D. why to give "project owner" as stated on C. correct answer is D

GCPACE2020

but why giving bigquery.dataViewer to crm-databases-proj. we should give for web-application.

S_marquez

You can technically give bigquery.dataviewer to crm-databases-proj service account then create a Key and use that key on the VMs, there for making it correct to use D as answer but is way to dumb I would prefer C BUUUUUUT WHY would I give Project Owner to crm-databases-proj? they really do not evaluate your knowladge

DarioFama23 `Highly Voted`

C is correct..

BigQuery

THAT SO DUM

Romio2023

I meet BigQuery the first time ever personly

GCPACE2020

But why giving project owner role to crm-databases-proj ?

guidbem `Most Recent`

It is D. Tested and approved that you do not need BigQuery permissions on the web-app project to access data on the bq tables stored in the crm-dbs project. You do need bq permissions for the SA on the crm project and compute permissions for the same SA on the web-app project. Then, using this SA on a VM on the web-app server, you can access data from bq on the crm-dbs project

Namik

`Selected Answer: C`

Explanation:
Least Privilege Principle: This approach adheres to the principle of least privilege by granting the minimum necessary permissions.
Project Owner: The crm-databases-proj project needs full control to manage its resources.
bigquery.dataViewer: The web-applications project only needs read access to BigQuery datasets in the crm-databases-proj

project.

Why other options are less suitable:

A: Giving project owner to web-applications provides unnecessary permissions.
B: Giving project owner to both projects grants excessive permissions.
D: Giving bigquery.dataViewer to crm-databases-proj is incorrect as this project needs full control over its resources.

By following option C, you ensure that the web-applications project has the required access to BigQuery datasets without compromising security.

nish2288

Let's analyze the options:

A & B: Granting "project owner" gives excessive permissions, violating the least privilege principle.
C: Granting "project owner" to crm-databases-proj is unnecessary.
D: Granting "bigquery.dataViewer" to crm-databases-proj allows the VM access to datasets and aligns with least privilege.
Granting appropriate roles to web-applications secures the web application itself (not shown in this scenario).
Therefore, option D is the recommended approach.

abhi2704

Project owner role is not required here, so that leaves us with only Option D

Bagibo

A, b & c is wrong. Keywords is configuring aervice account. A,b & c concerns user account. Correct answer is D

Cynthia2023

None of the options is correct. As for D:
This option is unclear and potentially misleading. The bigquery.dataViewer role should be assigned specifically to the service account in the web-applications project, not to the crm-databases-proj project.

Cynthia2023

The ideal approach (not listed in the options) would be:

Create a service account in the web-applications project specifically for accessing the BigQuery datasets.
Grant this service account the bigquery.dataViewer role (or another more specific role if different access is needed) on the crm-databases-proj project's BigQuery datasets.
Use this service account in your VMs in the web-applications project.

thewalker

Damn!
All the four options are correct :-D for the question given :-)

BAofBK

The correct answer is C

Captain1212

D is the correct answer, because all other option giveing access to project owner

SanjeevKumar1983

Corrct Answer is D.
Lets just read the options D this way, then it makes sense
Give service account the bigquery.dataViewer role to crm-databases-proj and service account the appropriate roles to web-applications.

Ahmed_Y

Thanks guys for making that clear for me.
Now simply guys, among all the answers, D is giving to the web-application proj the appropriate role, while giving the crm-databases-proj the least privilege role.

Nxt_007

Correct answer is D
As basic roles (including Owner) should not be used in production environment:

yichuan

C is correct..

creativenets

I dont get the question. It says "web-applications project need access to BigQuery datasets in crm-databases-proj"

And all you folks stating C or D is the correct one. Why would we want to give those permissions to the DB? When the question clearly states that the web-app is the one that needs access to the DB?

KC_go_reply

It says 'web-applications project need access to BigQuery datasets in crm-databases-proj'. Therefore, give web-applications the BigQuery Data Viewer role - not the other way around. Why would crm-databases-proj need this role in this situation?