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EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 251 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 251

Topic #: 1

[All Associate Cloud Engineer Questions]

You installed the Google Cloud CLI on your workstation and set the proxy configuration. However, you are worried that your proxy credentials will be recorded in the gcloud CLI logs. You want to prevent your proxy credential from being logged. What should you do?

A. Configure username and password by using gcloud config set proxy/username and gcloud config set proxy/password commands.

B. Encode username and password in sha256 encoding, and save in to a text file. Use filename as a value in the gcloud config set core/custom_ca_certs_file command.

C. Provide values for CLOUDSDK_PROXY_USERNAME and CLOUDSDK_PROXY_PASSWORD in the gcloud CLI tool configuration file.

D. Set the CLOUDSDK_PROXY_USERNAME and CLOUDSDK_PROXY_PASSWORD properties by using environment variables in your command line tool.

Show Suggested Answer

by   shiowbah at *Dec. 30, 2023, 6:53 a.m.*

Comments

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denno22 2 weeks, 3 days ago

Selected Answer: D

Alternatively, to avoid having the proxy credentials recorded in any logs (such as shell history or gcloud CLI logs) or in the gcloud CLI configuration file, you can set the properties using environment variables

https://cloud.google.com/sdk/docs/proxy-settings

upvoted 1 times

denno22 1 week, 3 days ago

export CLOUDSDK_PROXY_USERNAME [USERNAME]
export CLOUDSDK_PROXY_PASSWORD [PASSWORD]

upvoted 1 times

PiperMe 7 months, 3 weeks ago

Selected Answer: D

Option D is the best answer.

upvoted 1 times

ChemaKSado 7 months, 3 weeks ago

Answer is D. See Google Docs: https://cloud.google.com/sdk/docs/proxy-settings

Alternatively, to avoid having the proxy credentials recorded in any logs (such as shell history or gcloud CLI logs) or in the gcloud CLI configuration file, you can set the properties using environment variables.

export CLOUDSDK_PROXY_USERNAME [USERNAME]

export CLOUDSDK_PROXY_PASSWORD [PASSWORD]

upvoted 4 times

leoalvarezh 8 months, 1 week ago

Selected Answer: D

To avoid shell CLI history, logs or conf. file. Google recommends to set it on env. variables related with no storing of those values. Option D.

upvoted 1 times

sinh 9 months, 3 weeks ago

Selected Answer: D

https://cloud.google.com/sdk/docs/proxy-settings

upvoted 1 times

Cynthia2023 9 months, 3 weeks ago

Selected Answer: D

- Using Environment Variables: By setting the proxy credentials as environment variables (CLOUDSDK_PROXY_USERNAME and CLOUDSDK_PROXY_PASSWORD), you avoid having to enter them directly into the CLI tool where they might be logged. Environment variables are a common way to securely pass sensitive information like credentials.

- No Logging of Credentials: The gcloud CLI typically does not log environment variables, so your credentials should be safe from being recorded in the CLI logs.

- Ease of Use: Setting environment variables is straightforward and does not require modifying configuration files or encoding credentials.

upvoted 4 times

Cynthia2023 9 months, 3 weeks ago

A. Using gcloud config set for Username and Password: This approach directly enters the credentials into the gcloud CLI configuration, which could potentially be logged or exposed in the configuration file.
B. Encoding Credentials and Custom CA Certs File: This option suggests a method that isn't directly related to setting proxy credentials. The core/custom_ca_certs_file is used for specifying a custom CA (Certificate Authority) certificate file, not for proxy credentials.
C. Using the Configuration File: Modifying the configuration file to include proxy credentials might expose them in plain text within the file, which could be a security risk. It's generally safer to use environment variables for this purpose.
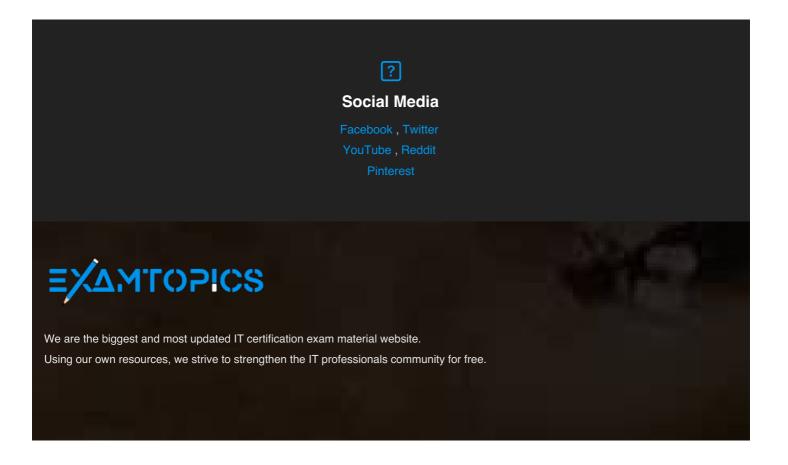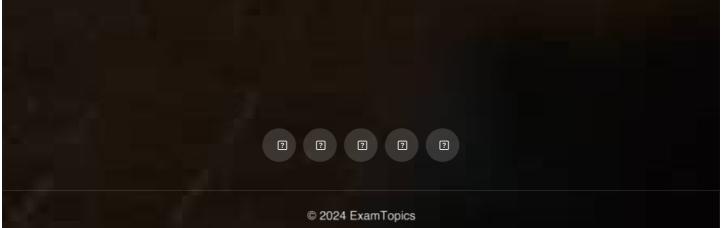
upvoted 2 times

kaby1987 9 months, 3 weeks ago

⍰ ⍰ **KelvinToo** 9 months, 3 weeks ago

⍰ ⍰ **PiperMe** 7 months, 3 weeks ago

I think this test may have rocked you due to ChatGPT. Storing credentials in the config file increases the risk of exposure if the file is compromised. It's the same problem as A. The answer is D.

⍰ ⍰ ⍰ upvoted 1 times

⍰ ⍰ **shiowbah** 9 months, 3 weeks ago

D. Set the CLOUDSDK_PROXY_USERNAME and CLOUDSDK_PROXY_PASSWORD properties by using environment variables in your command line tool.

⍰ ⍰ ⍰ upvoted 1 times

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