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## Exam Associate Cloud Engineer All Questions

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### EXAM ASSOCIATE CLOUD ENGINEER TOPIC 1 QUESTION 170 DISCUSSION

Actual exam question from Google's Associate Cloud Engineer

Question #: 170

Topic #: 1

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You received a JSON file that contained a private key of a Service Account in order to get access to several resources in a Google Cloud project. You downloaded and installed the Cloud SDK and want to use this private key for authentication and authorization when performing gcloud commands. What should you do?

- A. Use the command `gcloud auth login` and point it to the private key.
- B. Use the command `gcloud auth activate-service-account` and point it to the private key.
- C. Place the private key file in the installation directory of the Cloud SDK and rename it to `credentials.json`.
- D. Place the private key file in your home directory and rename it to `GOOGLE_APPLICATION_CREDENTIALS`.

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by [ravixkumar](#) at March 11, 2021, 5:35 p.m.

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**GCP\_Student1** Highly Voted 3 years, 7 months ago

B. Use the command `gcloud auth activate-service-account` and point it to the private key.

Authorizing with a service account

`gcloud auth activate-service-account` authorizes access using a service account. As with `gcloud init` and `gcloud auth login`, this command saves the service account credentials to the local system on successful completion and sets the specified account as the active account in your Cloud SDK configuration.

[https://cloud.google.com/sdk/docs/authorizing#authorizing\\_with\\_a\\_service\\_account](https://cloud.google.com/sdk/docs/authorizing#authorizing_with_a_service_account)

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**TAvenger** Highly Voted 3 years, 7 months ago

B.

`gcloud auth activate-service-account --help`

NAME)

`gcloud auth activate-service-account` - authorize access to Google Cloud Platform with a service account

SYNOPSIS

`gcloud auth activate-service-account [ACCOUNT] --key-file=KEY_FILE`  
`[--password-file=PASSWORD_FILE | --prompt-for-password]`  
`[GLOUD_WIDE_FLAG ...]`

DESCRIPTION

To allow `gcloud` (and other tools in Cloud SDK) to use service account credentials to make requests, use this command to import these credentials from a file that contains a private authorization key, and activate them for use in `gcloud`. `gcloud auth activate-service-account` serves the same function as `gcloud auth login` but uses a service account rather than Google user credentials.

upvoted 20 times

**eBookKz** 1 year, 8 months ago

See below information suggesting that service account can be used to authorize with the command "`gcloud auth login`". Not sure if this is a recent update:

"The `gcloud auth login` command authorizes access by using workload identity federation, which provides access to external workloads, or by using a service account key."

"To activate your service account, run `gcloud auth login` with the `--cred-file` flag:

`gcloud auth login --cred-file=CONFIGURATION_OR_KEY_FILE`

Replace `CONFIGURATION_OR_KEY_FILE` with the path to one of the following:

A credential configuration file for workload identity federation

A service account key file"

[https://cloud.google.com/sdk/docs/authorizing#authorize\\_with\\_a\\_service\\_account](https://cloud.google.com/sdk/docs/authorizing#authorize_with_a_service_account)

upvoted 1 times

**itsimranmalik** 1 year, 1 month ago

As per google - `gcloud auth activate-service-account` serves the same function as `gcloud auth login` but uses a service account rather than Google user credentials.

Ref: <https://cloud.google.com/sdk/gcloud/reference/auth/activate-service-account>

upvoted 1 times

**denno22** Most Recent 2 weeks, 5 days ago

**Selected Answer: A**

Authorize with a service account

The `gcloud auth login` command can authorize access with a service account by using a credential file stored on your local file system. This credential can be a user credential with permission to impersonate the service account, a credential configuration file for workload identity federation, or a service account key.

<https://cloud.google.com/sdk/docs/authorizing#auth-login>

upvoted 1 times

**denno22** 1 week, 4 days ago

Now. I see that while A works. B is a better answer.

Now, I see that while A works, B is a better answer.

   upvoted 1 times

  **blackBeard33** 8 months, 2 weeks ago

**Selected Answer: B**

The Answer is A. The command to use service account for authentication is precisely `gcloud auth activate-service-account` where you can point out to the key file using the flag `--key-file`.

<https://cloud.google.com/sdk/gcloud/reference/auth/activate-service-account>

   upvoted 2 times

  **Cynthia2023** 9 months, 3 weeks ago

**Selected Answer: B**

• The command syntax is `gcloud auth activate-service-account --key-file=PATH_TO_KEY_FILE`, where `PATH_TO_KEY_FILE` is the path to the JSON file containing the service account's private key.

   upvoted 1 times

  **scanner2** 1 year, 1 month ago

**Selected Answer: B**

<https://cloud.google.com/sdk/gcloud/reference/auth/activate-service-account>

   upvoted 2 times

  **N\_A** 1 year, 5 months ago

D. This method is for application default credentials. See: <https://cloud.google.com/docs/authentication/application-default-credentials>

A. This method is to obtain credentials for a user account.

C. This does nothing. Useless.

B. Is the correct answer. See: <https://cloud.google.com/sdk/gcloud/reference/auth/activate-service-account>

   upvoted 3 times


  **Abhi00754** 1 year, 6 months ago

**Selected Answer: B**

<https://cloud.google.com/sdk/gcloud/reference/auth/activate-service-account>

B



   upvoted 1 times

  **abirroy** 2 years, 2 months ago

**Selected Answer: B**

Use the command `gcloud auth activate-service-account` and point it to the private key

   upvoted 1 times

  **skrjha20** 2 years, 3 months ago

ANSwer is B

To activate your service account, run `gcloud auth activate-service-account`:

`gcloud auth activate-service-account [ACCOUNT] --key-file=[KEY_FILE]`

   upvoted 1 times

  **AzureDP900** 2 years, 4 months ago

I will go with B

   upvoted 1 times

  **AzureDP900** 2 years, 4 months ago

B is right Please refer

<https://cloud.google.com/storage/docs/authentication>

   upvoted 1 times

  **Rukman** 2 years, 7 months ago

**Selected Answer: B**


Ans: B

   upvoted 1 times

  **KunK** 3 years ago

B, really straightforward

   upvoted 5 times

  **ravixkumar** 3 years, 7 months ago

Ans : B

`gcloud auth activate-service-account --key-file=/test-service-account.json`

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