Cloud SDK

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Google Cloud SDK documentation

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Google Cloud SDK is a set of tools that you can use to manage resources and applications hosted on Google Cloud Platform. These include the `gcloud`, `gsutil`, and `bq` command line tools. The gcloud command-line tool is downloaded along with the Cloud SDK; a comprehensive guide to the gcloud CLI can be found in gcloud command-line tool overview.

Additionally, the gcloud CLI reference documents all of the gcloud CLI's functionality. For a quicker introduction, refer to the gcloud command-line tool cheat sheet.

Install the latest Cloud SDK version (305.0.0)

Linux   Debian/Ubuntu   Red Hat/Fedora/CentOS   macOS   Windows

1. Cloud SDK requires Python. Supported versions are 3.5 to 3.7, and 2.7.9 or higher.

```
python2 --version
```

> ★ Note: Cloud SDK uses Python 2 by default, but will soon move to Python 3 (run `gcloud topic startup` for exclusions and more information on configuring your Python interpreter to use a different version). Consider upgrading to Python 3 to avoid disruption in the future.

2. Download one of the following:

Platform	Package	Size	SHA256 Checksum
Linux 64-bit (x86_64)	google-cloud-sdk-305.0.0-linux-x86_64.tar.gz	78.8 MB	afed6638d71377e45242f77a972d196372224 9cf46b9a23021390790b01e0de6
Linux 32-bit (x86)	google-cloud-sdk-305.0.0-linux-x86.tar.gz	77.0 MB	3c717ea0d3306ba36b8f38c5b5b0a2add5484 15d1e29319b9497149798257a9b

3. Extract the contents of the file to any location on your file system. If you would like to replace an existing installation, remove the existing `google-cloud-sdk` directory and extract the archive to the same location.

4. Optional. Use the install script to add Cloud SDK tools to your path. You'll also be able to opt-in to command-completion for your shell and usage statistics collection. Run the script using this command:

```
./google-cloud-sdk/install.sh
```

This can also be done non-interactively (for example, using a script) as well by providing preferences as flags. These are described in:

```
./google-cloud-sdk/install.sh --help
```

Open a new terminal so that the changes take effect.

5. Run gcloud init to initialize the SDK:

```
./google-cloud-sdk/bin/gcloud init
```

6. Optional. Install additional components using the component manager.

Install the latest Google Cloud Client Libraries

You can download Cloud Client Libraries for supported languages.

Optional: Enable accessibility features

For a more streamlined screen reader experience, the gcloud command-line tool comes with an `accessibility/screen_reader` property.

To enable this property, run:

```
gcloud config set accessibility/screen_reader true
```

For more details about the accessibility features that come with the gcloud command-line tool, refer to the Enabling accessibility features guide.

More information

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