terraform-google-service-accounts Public

<> Code   19 Branches   29 Tags   Go to file   t   Go to file   +   Add file ▾   About   Code   ...

release-please[bot] chore(main): release 4.5.4 (#165)   •••   ✓

18ef8ea · 3 days ago   🕐 178 Commits

📁 .github	chore: update .github/conve...	4 months ago
📁 build	chore(deps): Update go mo...	9 months ago
📁 docs	chore: Add upgrade script a...	5 years ago
📁 examples	feat: Add iam_email and env...	10 months ago
📁 helpers	feat: Added Service Accoun...	5 years ago
📁 modules	chore(main): release 4.5.4 (...	3 days ago
📁 test	chore(deps): Update Terraf...	4 months ago
📄 .gitignore	feat: add simple SA module ...	last year
📄 .kitchen.yml	fix: fixes lint issues and gen...	3 years ago
📄 CHANGELOG.md	chore(main): release 4.5.4 (...	3 days ago
📄 CODEOWNERS	chore: update CODEOWNERS	2 months ago
📄 CONTRIBUTING.md	Add integration testing with ...	6 years ago
📄 LICENSE	Initial template commit	6 years ago
📄 Makefile	chore(deps): Update go mo...	9 months ago
📄 README.md	docs: update version in read...	last year
📄 main.tf	fix: Output values directly fr...	3 years ago
📄 metadata.display.yaml	chore: update metadata to r...	6 months ago
📄 metadata.yaml	chore(main): release 4.5.4 (...	3 days ago
📄 outputs.tf	fix: Output values directly fr...	3 years ago
📄 variables.tf	feat: Enable overriding desc...	4 years ago
📄 versions.tf	chore(main): release 4.5.4 (...	3 days ago

About

Creates one or more service accounts and grants them basic roles

🔗 registry.terraform.io/modules/terrafor...

#cft-terraform   #security-identity

📖 Readme

⚖️ Apache-2.0 license

⚖️ Security policy

〽️ Activity

🔲 Custom properties

☆ 126 stars

👁 33 watching

🍴 105 forks

Report repository

Releases 29
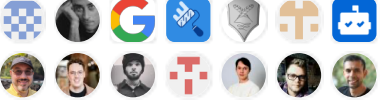
🏷 **v4.5.4** Latest
3 days ago

+ 28 releases

Packages

No packages published

Contributors 26

+ 12 contributors

Languages

● **HCL** 50.0%   ● **Python** 24.4%
● **Go** 13.0%   ● **Makefile** 5.9%
● **Ruby** 5.8%   ● **Shell** 0.9%

Terraform Service Accounts Module

This module allows easy creation of one or more service accounts, and granting them basic roles.

The resources/services/activations/deletions that this module will create/trigger are:

- one or more service accounts
- optional project-level IAM role bindings for each service account
- one optional billing IAM role binding per service account, at the organization or billing account level
- two optional organization-level IAM bindings per service account, to enable the service accounts to create and manage Shared VPC networks
- one optional service account key per service account

Compatibility

This module is meant for use with Terraform 0.13+ and tested using Terraform 1.0+. If you find incompatibilities using Terraform >=0.13, please open an issue. If you haven't [upgraded](#) and need a Terraform 0.12.x-compatible version of this module, the last released version intended for Terraform 0.12.x is [v3.0.1](#).

Usage

Basic usage of this module is as follows:

```
module "service_accounts" {
  source       = "terraform-google-modules/service-accounts/google"
  version      = "~> 4.0"
  project_id   = "<PROJECT ID>"
  prefix       = "test-sa"
  names        = ["first", "second"]
  project_roles = [
```

□ README   ⚖ Apache-2.0 license   ⚖ Security

```
  ]
}
```

Functional examples are included in the [examples](#) directory.

Inputs

Name	Description	Type	Default	Required
billing_account_id	If assigning billing role, specificy a billing account (default is to assign at the organizational level).	string	""	no
description	Default description of the created service accounts (defaults to no description)	string	""	no
descriptions	List of descriptions for the created service accounts (elements default to the value of `description`)	list(string)	[]	no
display_name	Display names of the created service accounts (defaults to 'Terraform-managed service account')	string	"Terraform-managed service account"	no
generate_keys	Generate keys for service accounts.	bool	false	no
grant_billing_role	Grant billing user role.	bool	false	no
grant_xpn_roles	Grant roles for shared VPC management.	bool	true	no
names	Names of the service accounts to create.	list(string)	[]	no
org_id	Id of the organization for org-level roles.	string	""	no
prefix	Prefix applied to service account names.	string	""	no
project_id	Project id where service account will be created.	string	n/a	yes
project_roles	Common roles to apply to all service accounts,	list(string)	[]	no

| | project=>role as elements. | | | | |

Outputs

Name	Description
email	Service account email (for single use).
emails	Service account emails by name.
emails_list	Service account emails as list.
iam_email	IAM-format service account email (for single use).
iam_emails	IAM-format service account emails by name.
iam_emails_list	IAM-format service account emails as list.
key	Service account key (for single use).
keys	Map of service account keys.
service_account	Service account resource (for single use).
service_accounts	Service account resources as list.
service_accounts_map	Service account resources by name.

Requirements

These sections describe requirements for using this module.

Software

The following dependencies must be available:

- [Terraform](#) >= 0.13.0
- [Terraform Provider for GCP](#) plugin >= v2.0

IAM

Service account or user credentials with the following roles must be used to provision the resources of this module:

- Service Account Admin: `roles/iam.serviceAccountAdmin`
- (optional) Service Account Key Admin: `roles/iam.serviceAccountKeyAdmin` when `generate_keys` is set to `true`
- (optional) roles needed to grant optional IAM roles at the project or organizational level

Contributing

Refer to the [contribution guidelines](#) for information on contributing to this module.