

## Switching GCP Projects

For some valid reasons (e.g. wanting more free credits) it can be beneficial to deploy uFincs to a new GCP project.

## Code Changes

Here are the following things that need to be changed in order to switch GCP projects:

- i. In `kubails.json`, change the `__gcp_project_id` to the new project ID.
- ii. In `kubails.json`, change the 'ufincs' prefix in the `BACKUP_BUCKET` environment variable of the backend-database-backup service to the new project ID.
- iii. In `kubails.json`, change the 'ufincs' prefix in the `__terraform_bucket` to the new project ID.
- iv. In `manifests/static/cert-manager`, for both cluster issuers (staging and production), change the project under `clouddns` to the new project ID.
- v. In `terraform/main.tf`, change the 'ufincs' prefix of the bucket for the Terraform state (i.e. under backend 'gcs') to the new project ID.

## Process

Now for commands:

- i. Remove the existing Terraform service account key (`ufincs-account.json`).
- ii. Remove the local Terraform config folder (i.e. `terraform/.terraform`).
- iii. Authenticate to the new GCP project (i.e. `gcloud config configurations create ...`, `gcloud config set project ...`, `gcloud auth login`, etc).
- iv. Now you can go through the regular Kubails setup for a new project (i.e. `kubails infra setup`, `kubails infra deploy`, etc).

## References

- Here the is the PR for when we first did a project swap:  
<https://github.com/DevinSit/uFincs/pull/31>