

Patient Onboarding Disaster Recovery Plan

In case of any regions/zones going down, follow the following appropriate instructions. Assumes Terraform and Google SDK is installed.

Get Terraform files:

1. Set the service account key for Terraform
 - a. Navigation menu → IAM & admin → Service accounts → Get JSON key from terraform-manager service account
 - b. Set local environment variable `GOOGLE_CLOUD_KEYFILE_JSON` to the downloaded JSON file
2. Get the Terraform files from bucket
 - a. Navigation menu → Storage → Browser → p3-disaster-recovery-data → download Project3-Terraform/
3. Go into Project3-Terraform directory
4. Run: `terraform init`

If specific resource(s) are down:

1. Do the get Terraform files steps
2. Open `terraform.tfvars` to change variables
 - a. Change region/zone to a different region/zone
 - b. Depending on what has gone down, some other variables need to be changed
3. Open a command console and switch into the correct project
 - a. Run: `gcloud config set project {the-project-id}`
4. Depending on what has gone down, you will apply only the resources that you need back up
 - a. Run: `terraform apply -target={resource_type.resource_label}`
 - b. Example if bastion is down: `terraform apply -target=google_compute_instance.devops_bastion`