Login

```
@DanielRamirez1901 →/workspaces/azfunction-tf/example (main) $ az login --use-device-code
To sign in, use a web browser to open the page https://microsoft.com/devicelogin and enter th
[
  {
    "cloudName": "AzureCloud",
    "homeTenantId": "e994072b-523e-4bfe-86e2-442c5e10b244",
    "id": "c767cbb2-4029-465b-ad2c-087472194b4b",
    "isDefault": true,
    "managedByTenants": [],
    "name": "Azure for Students",
    "state": "Enabled",
    "tenantId": "e994072b-523e-4bfe-86e2-442c5e10b244",
    "user": {
      "name": "1005943613@u.icesi.edu.co",
      "type": "user"
    }
  }
]
```

Terraform init

```
@DanielRamirez1901 →/workspaces/azfunction-tf/example (main) $ terraform init

Initializing the backend...

Initializing provider plugins...
- Reusing previous version of hashicorp/azurerm from the dependency lock file
- Using previously-installed hashicorp/azurerm v3.94.0

Terraform has been successfully initialized!

You may now begin working with Terraform. Try running "terraform plan" to see
any changes that are required for your infrastructure. All Terraform commands
should now work.

If you ever set or change modules or backend configuration for Terraform,
rerun this command to reinitialize your working directory. If you forget, other
commands will detect it and remind you to do so if necessary.
@DanielRamirez1901 →/workspaces/azfunction-tf/example (main) $ 
```

Terraform plan

```
@DanielRamirez1901 →/workspaces/azfunction-tf/example (main) $ terraform plan --var-file terraform.tfvars
azurerm_resource_group.rg: Refreshing state... [id=/subscriptions/c767cbb2-4029-465b-ad2c-087472194b4b/resourceGroups/devopstestfunctions]
azurerm_service_plan.sp: Refreshing state... [id=/subscriptions/c767cbb2-4029-465b-ad2c-087472194b4b/resourceGroups/devopstestfunctions/providers/Microso

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols:
  + create

Terraform will perform the following actions:

  # azurerm_function_app_function.faf will be created
  + resource "azurerm_function_app_function" "faf" {
      + config_json          = jsonencode(
            {
              + bindings = [
                  + {
                      + authLevel = "anonymous"
                      + direction = "in"
                      + methods   = [
                          + "get",
                          + "post",
                        ]
                      + name      = "req"
                      + type      = "httpTrigger"
```

```
      + scm_use_main_ip_restriction      = false
      + use_32_bit_worker                = true
      + vnet_route_all_enabled           = false
      + websockets_enabled               = false
      + windows_fx_version               = (known after apply)
      + worker_count                     = (known after apply)

      + application_stack {
          + dotnet_version              = "v4.0"
          + node_version                = "~18"
          + use_custom_runtime          = (known after apply)
          + use_dotnet_isolated_runtime = (known after apply)
        }
    }
  }

Plan: 3 to add, 0 to change, 0 to destroy.

Changes to Outputs:
  + url = (known after apply)


Note: You didn't use the -out option to save this plan, so Terraform can't guarantee to take exactly these actions if you run "terraform apply" now.
@DanielRamirez1901 →/workspaces/azfunction-tf/example (main) $ █
```

Terraform apply

```
@DanielRamirez1901 →/workspaces/azfunction-tf/example (main) $ terraform apply --var-file terraform.tfvars
azurerm_resource_group.rg: Refreshing state... [id=/subscriptions/c767cbb2-4029-465b-ad2c-087472194b4b/resourceGroups/devopstestfunctions]
azurerm_service_plan.sp: Refreshing state... [id=/subscriptions/c767cbb2-4029-465b-ad2c-087472194b4b/resourceGroups/devopstestfunctions/providers/Microsoft.

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols:
  + create
-/+ destroy and then create replacement

Terraform will perform the following actions:

  # azurerm_function_app_function.faf will be created
  + resource "azurerm_function_app_function" "faf" {
      + config_json          = jsonencode(
            {
              + bindings = [
                  + {
```

```
azurerm_storage_account.sa: Still creating... [20s elapsed]
azurerm_storage_account.sa: Creation complete after 24s [id=/subscriptions/c767cbb2-4029-465b-ad2c-087472194b4b/resour
devopstestfunctionsdani]
azurerm_windows_function_app.wfa: Creating...
azurerm_windows_function_app.wfa: Still creating... [10s elapsed]
azurerm_windows_function_app.wfa: Still creating... [20s elapsed]
azurerm_windows_function_app.wfa: Still creating... [30s elapsed]
azurerm_windows_function_app.wfa: Still creating... [40s elapsed]
azurerm_windows_function_app.wfa: Still creating... [50s elapsed]
azurerm_windows_function_app.wfa: Creation complete after 58s [id=/subscriptions/c767cbb2-4029-465b-ad2c-087472194b4b/r
stfunctionsdani]
azurerm_function_app_function.faf: Creating...
azurerm_function_app_function.faf: Still creating... [10s elapsed]
azurerm_function_app_function.faf: Still creating... [20s elapsed]
azurerm_function_app_function.faf: Still creating... [30s elapsed]
azurerm_function_app_function.faf: Still creating... [40s elapsed]
azurerm_function_app_function.faf: Creation complete after 44s [id=/subscriptions/c767cbb2-4029-465b-ad2c-087472194b4b/
estfunctionsdani/functions/devopstestfunctionsdani]

Apply complete! Resources: 5 added, 0 changed, 2 destroyed.

Outputs:

url = "https://devopstestfunctionsdani.azurewebsites.net/api/devopstestfunctionsdani"
```

Azure grupo de recursos

This HTTP triggered function executed successfully. Pass a name in the query string or in the request body for a personalized response.