

Login en cli Azure

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS
bash +v  [icon] ... [icon] x

If you encounter any problem, please open an issue at https://aka.ms/azclibug

[Warning] The login output has been updated. Please be aware that it no longer displays the full list of available subscriptions by default.

alejandro-mu-oz@alejandro-mu-oz-Victus-by-HP-Laptop-16-d0xxx:~/Documentos/Ingesoft V/terraform/azfunction-tf$ az login
A web browser has been opened at https://login.microsoftonline.com/organizations/oauth2/v2.0/authorize. Please continue the login in the web browser. If no web browser is available or if the web browser fails to open, use device code flow with `az login --use-device-code`.
Se está abriendo en una sesión de navegador existente.

Retrieving tenants and subscriptions for the selection...

[Tenant and subscription selection]

No      Subscription name      Subscription ID      Tenant
-----
[1] *   Azure for Students  403f7746-fa08-44b9-bf1b-63d2cacef9f1  Universidad Icesi

The default is marked with an *; the default tenant is 'Universidad Icesi' and subscription is 'Azure for Students' (403f7746-fa08-44b9-bf1b-63d2cacef9f1).

Select a subscription and tenant (Type a number or Enter for no changes):
```

list client en azure

```
Read more about the command in reference docs
alejandro-mu-oz@alejandro-mu-oz-Victus-by-HP-Laptop-16-d0xxx:~/Documentos/Ingesoft V/terraform/azfunction-tf$ az account list
[
  {
    "cloudName": "AzureCloud",
    "homeTenantId": "e994072b-523e-4bfe-86e2-442c5e10b244",
    "id": "403f7746-fa08-44b9-bf1b-63d2cacef9f1",
    "isDefault": true,
    "managedByTenants": [],
    "name": "Azure for Students",
    "state": "Enabled",
    "tenantDefaultDomain": "icesi.edu.co",
    "tenantDisplayName": "Universidad Icesi",
    "tenantId": "e994072b-523e-4bfe-86e2-442c5e10b244",
    "user": {
      "name": "1105926631@u.icesi.edu.co",
      "type": "user"
    }
  }
]
```

Definición de los providers

```
terraform
# Definición del provider que ocuparemos
provider "azurerm" {
  features {}
  subscription_id = "403f7746-fa08-44b9-bf1b-63d2cacef9f1"
}
```

```

    All argument definition must end with a newline.

• alejandro-mu-oz@alejandro-mu-oz-Victus-by-HP-Laptop-16-d0xxx:~/Documentos/Ingesoft V/terraform/azfunction-tf$ terraform init
Initializing the backend...
Initializing provider plugins...
- Reusing previous version of hashicorp/azurerm from the dependency lock file
- Using previously-installed hashicorp/azurerm v4.43.0

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.
• alejandro-mu-oz@alejandro-mu-oz-Victus-by-HP-Laptop-16-d0xxx:~/Documentos/Ingesoft V/terraform/azfunction-tf$
```

corremos la configuración de terraform

```

• alejandro-mu-oz@alejandro-mu-oz-Victus-by-HP-Laptop-16-d0xxx:~/Documentos/Ingesoft V/terraform/azfunction-tf$ terraform validate
Success! The configuration is valid.

• alejandro-mu-oz@alejandro-mu-oz-Victus-by-HP-Laptop-16-d0xxx:~/Documentos/Ingesoft V/terraform/azfunction-tf$ terraform fmt
main.tf
• alejandro-mu-oz@alejandro-mu-oz-Victus-by-HP-Laptop-16-d0xxx:~/Documentos/Ingesoft V/terraform/azfunction-tf$
```

Mi primera funcion

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
• alejandro-mu-oz@alejandro-mu-oz-Victus-by-HP-Laptop-16-d0xxx:~/Documentos/Ingesoft V/terraform/azfunction-tf$ terraform plan
var.name_function
Name Function

Enter a value: munozmiprimerafuncion

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"
        },
        + {
          + direction = "out"
          + name      = "res"
          + type      = "http"
        },
      ]
    }
  )
  + config_url      = (known after apply)
  + enabled         = true
  + function_app_id = (known after apply)
  + id              = (known after apply)
  + invocation_url  = (known after apply)
  + language        = "javascript"
  + name            = "munozmiprimerafuncion"
  + script_root_path_url = (known after apply)
  + script_url      = (known after apply)
  + secrets_file_url = (known after apply)
  + test_data       = jsonencode(
    {
      + name = "Azure"
    }
  )
}

Rolfman (1 year ago) Ln 6, Col 1 Spacers: 2 UTF-8 LF Terraform
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
+ storage.account_name = "munozmiprimerafuncion"
+ storage.uses_managed_identity = false
+ virtual_network.backup_restore_enabled = false
+ vnet.image.pull_enabled = false
+ webdeploy.publish_basic_authentication_enabled = true
+ zip_deploy_file = (known after apply)

+ site_config {
+   always_on = (known after apply)
+   app_scale_limit = (known after apply)
+   default_documents = (known after apply)
+   detailed_error_logging_enabled = (known after apply)
+   elastic_instance_minimum = (known after apply)
+   ftps_state = "Disabled"
+   http2_enabled = false
+   ip_restriction_default_action = "Allow"
+   load_balancing_mode = "LeastRequests"
+   managed_pipeline_mode = "Integrated"
+   minimum_tls_version = "1.2"
+   pre_warmed_instance_count = (known after apply)
+   remote_debugging_enabled = false
+   remote_debugging_version = (known after apply)
+   scm_ip_restriction_default_action = "Allow"
+   scm_minimum_tls_version = "1.2"
+   scm_type = (known after apply)
+   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: 5 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.
alejandromu-oz@alejandromu-oz-Victus-by-HP-Laptop-16-d0xxx:~/Documentos/Ingesoft V/terraform/azfunction-tfs$
```

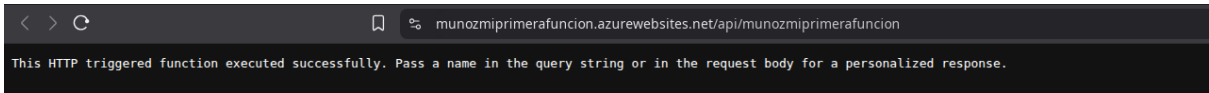
apply mi primera funcion

```
azurerm_function_app_function.faf: Still creating... [00m50s elapsed]
azurerm_function_app_function.faf: Still creating... [00m40s elapsed]
azurerm_function_app_function.faf: Still creating... [00m50s elapsed]
azurerm_function_app_function.faf: Creation complete after 51s [id=/subscriptions/403f7746-fa08-44b9-bf1b-63d2cacef9f1/resourceGroups/munozmiprimerafuncion/functions/munozmiprimerafuncion]

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

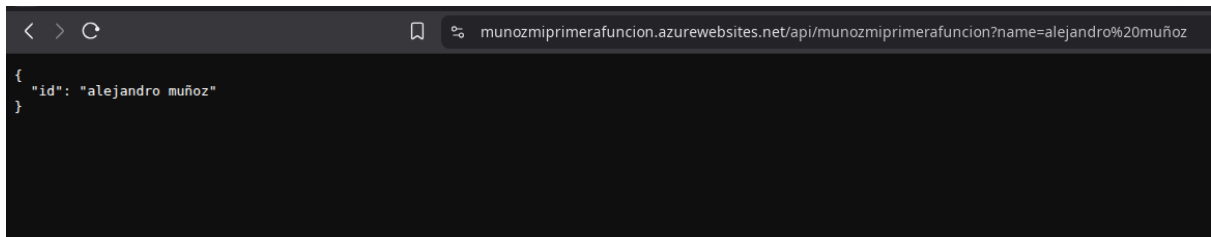
Outputs:
url = "https://munozmiprimerafuncion.azurewebsites.net/api/munozmiprimerafuncion"
alejandromu-oz@alejandromu-oz-Victus-by-HP-Laptop-16-d0xxx:~/Documentos/Ingesoft V/terraform/azfunction-tfs$
```

link;



Microsoft Azure		
Inicio > Grupos de recursos		
Filtrar por cualquier ca. Suscripción es igual que todo Ubicación es igual que todo		
Nombre	Suscripción	Ubicación
munozmiprimerafuncion	Azure for Students	East US
NetworkWatcherRG	Azure for Students	East US
VM01_group	Azure for Students	East US

Alejandro Muñoz → A00395672



A screenshot of a web browser window. The address bar shows the URL: `munozmiprimerafuncion.azurewebsites.net/api/munozmiprimerafuncion?name=alejandro%20muñoz`. The main content area displays a JSON object: `{ "id": "alejandro muñoz" }`.