

Terra-Auto To-Id

Task 1.2 → Using import block

I created an import block for importing an existing S3 bucket.



The screenshot shows the Visual Studio Code interface. On the left, the Explorer pane shows a project named 'TERRA-AUTO' with subfolders '1.1 test' and '1.2 test', and files '.terraform' and '.terraform.lock.hcl'. The main editor shows the 'main.tf' file in the '1.2 test' directory. The code in the editor is as follows:

```
1  import {
2    to = aws_s3_bucket.bucket
3    id = "bucket-for-terra-auto"
4  }
```

→ aws configure

```
PS C:\Users\Dell\OneDrive - Codin City\Desktop\Terra-Auto\1.2 test> aws configure
AWS Access Key ID [*****2LVN]: AKIAU6GD336HRGN7A27G
AWS Secret Access Key [*****k822]: 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
Default region name [us-east-1]:
Default output format [json]:
```

→ terraform init

```
PS C:\Users\Dell\OneDrive - Codin City\Desktop\Terra-Auto\1.2 test> terraform init
Initializing the backend...
Initializing provider plugins...
- Finding latest version of hashicorp/aws...
- Installing hashicorp/aws v5.69.0...
- Installed hashicorp/aws v5.69.0 (signed by HashiCorp)
Terraform has created a lock file .terraform.lock.hcl to record the provider
selections it made above. Include this file in your version control repository
so that Terraform can guarantee to make the same selections by default when
you run "terraform init" in the future.

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.
```

→ terraform plan

```
PS C:\Users\Dell\OneDrive - Codin City\Desktop\Terra-Auto\1.2 test> terraform plan

Error: Configuration for import target does not exist

on main.tf line 2, in import:
 2:   to = aws_s3_bucket.bucket

The configuration for the given import target aws_s3_bucket.bucket does not exist. If you wish to automatically generate config
for this resource, use the -generate-config-out option within terraform plan. Otherwise, make sure the target resource exists
within your configuration. For example:

terraform plan -generate-config-out=generated.tf
```

→ terraform plan -generate-config-out="generated.tf"

```
PS C:\Users\Dell\OneDrive - Codin City\Desktop\Terra-Auto\1.2 test> terraform plan -generate-config-out="generated.tf"
aws_s3_bucket.bucket: Preparing import... [id=bucket-for-terra-auto]
aws_s3_bucket.bucket: Refreshing state... [id=bucket-for-terra-auto]

Terraform will perform the following actions:

# aws_s3_bucket.bucket will be imported
# (config will be generated)
resource "aws_s3_bucket" "bucket" {
  acceleration_status      = null
  arn                      = "arn:aws:s3:::bucket-for-terra-auto"
  bucket                   = "bucket-for-terra-auto"
  bucket_domain_name       = "bucket-for-terra-auto.s3.amazonaws.com"
  bucket_prefix            = null
  bucket_regional_domain_name = "bucket-for-terra-auto.s3.us-east-1.amazonaws.com"
  hosted_zone_id           = "Z3AQBSTGFYJSTF"
  id                      = "bucket-for-terra-auto"
  object_lock_enabled       = false
  policy                   = null
  region                   = "us-east-1"
  request_payer             = "BucketOwner"
  tags                     = {
    "terra-auto" = "testing"
  }
  tags_all                 = {
    "terra-auto" = "testing"
  }
}
```

Activate Windows
Go to Settings to activate Windows.

→ terraform apply --auto-approve

```
PS C:\Users\Dell\OneDrive - Codin City\Desktop\Terra-Auto\1.2 test> terraform apply
aws_s3_bucket.bucket: Preparing import... [id=bucket-for-terra-auto]
aws_s3_bucket.bucket: Refreshing state... [id=bucket-for-terra-auto]

Terraform will perform the following actions:

# aws_s3_bucket.bucket will be imported
resource "aws_s3_bucket" "bucket" {
  acceleration_status      = null
  arn                      = "arn:aws:s3:::bucket-for-terra-auto"
  bucket                   = "bucket-for-terra-auto"
  bucket_domain_name       = "bucket-for-terra-auto.s3.amazonaws.com"
  bucket_prefix            = null
  bucket_regional_domain_name = "bucket-for-terra-auto.s3.us-east-1.amazonaws.com"
  hosted_zone_id           = "Z3AQBSTGFYJSTF"
  id                      = "bucket-for-terra-auto"
  object_lock_enabled       = false
  policy                   = null
  region                   = "us-east-1"
  request_payer             = "BucketOwner"
}
```