

# Terraform workflow by deploying an NGINX Docker container

## Kavitha B

From [learn.hashicorp.com/tutorials](https://learn.hashicorp.com/tutorials)

### **Step 1: main.tf**

```
terraform {
  required_providers {
    docker = {
      source = "kreuzwerker/docker"
      version = "~> 2.15.0"
    }
  }
}

provider "docker" {}

resource "docker_image" "nginx" {
  name      = "nginx:latest"
  keep_locally = false
}

resource "docker_container" "nginx" {
  image = docker_image.nginx.latest
  name  = "tutorial"
  ports {
    internal = 80
    external = 8000
  }
}
```

### **Terraform init**

### **Terraform apply**

**Run docker ps to view the NGINX container(webserver) running in docker via terraform.**

### **Terraform destroy**