

alkrauss48 / **ansible-packer-terraform-demo** Public

A simple demo showing how to use Ansible, Packer, and Terraform together

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# 🔗 Ansible, Packer, and Terraform Demo

## 🔗 [YouTube Video over this demo](#)

This project combines Ansible, Packer, and Terraform to show how you can automagically script and deploy a server with no manual configuration. In case you're unfamiliar with these 3 tools:

- [Ansible](#) - Automates server configuration
- [Packer](#) - Builds images of a configured server, but doesn't actually deploy it
- [Terraform](#) - Handles deploying an actual server

## 🔗 Overview

This project creates a Digital Ocean droplet that runs a local version of the website <https://growlerfriday.com> - which is pulled down from [its GitHub repo](#) and run using nginx.

If you edit your `/etc/hosts` file to point growlerfriday.com to the IP address of the created droplet, it will work.

## Usage

Prior to running, make sure you have both packer and terraform installed.

```
git clone https://github.com/alkrauss48/ansible-packer-terraform-demo.git
cd ansible-packer-terraform-demo

# Set the variables in the .env file. At a minimum, this includes:
# * DIGITAL_OCEAN_API_TOKEN
# * SSH_FINGERPRINT

make packer-build
# This will take about 5 minutes. Copy the Snapshot ID you get at the end

make terraform-init
# Only have to do this once

make terraform-plan
<enter Snapshot ID from packer-build command>

# If all looks good, then:

make terraform-apply
<enter Snapshot ID from packer-build command>
# This will take about a minute

# Done!
```

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## Releases

No releases published

## Packages

No packages published

## Languages



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