

Day003

Install Terraform on MacOS using homebrew package manager

Homebrew is a package manager for macOS which lets you install free and open-source software using your terminal. You'll use Homebrew to install developer tools like Python, Ruby, Node.js, and more.

1. make sure that `homebrew` is installed on your MacOS, if not follow below:
 1.

```
/bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"
```
 2. you can learn more about **Homebrew** on this [link](#)
2. Once `homebrew` is installed, you can easily installed terraform as below
 1. First, install the HashiCorp tap, a repository of all our Homebrew packages.

```
brew tap hashicorp/tap
```
 2. Now, install Terraform with hashicorp/tap/terraform.

```
brew install hashicorp/tap/terraform
```
3. Verify the installation
 1.

```
terraform -help
```

Enable tab completion

If you use either Bash or Zsh, you can enable tab completion for Terraform commands. To enable autocomplete, first ensure that a config file exists for your chosen shell.

If using Bash Shell

```
touch ~/.bashrc
```

Then install the autocomplete package.

```
terraform -install-autocomplete
```

Once the autocomplete support is installed, you will need to restart your shell.

If using Zsh Shell

```
touch ~/.zshrc
```

Then install the autocomplete package.

```
terraform -install-autocomplete
```

Once the autocomplete support is installed, you will need to restart your shell.

For more details, follow [Hashicorp Official Page](#)

[Homebrew](#) is a free and open-source package management system for Mac OS X. Install the official [Terraform formula](#) from the terminal.

First, install the HashiCorp tap, a repository of all our Homebrew packages.

```
$ brew tap hashicorp/tap
```

Copy 

Now, install Terraform with `hashicorp/tap/terraform`.

```
$ brew install hashicorp/tap/terraform
```

Copy 

Verify the installation

Verify that the installation worked by opening a new terminal session and listing Terraform's available subcommands.

```
$ terraform -help
Usage: terraform [-version] [-help] <command> [args]

The available commands for execution are listed below.
The most common, useful commands are shown first, followed by
less common or more advanced commands. If you're just getting
started with Terraform, stick with the common commands. For the
other commands, please read the help and docs before usage.

## ...
```

Copy 

Add any subcommand to `terraform -help` to learn more about what it does and available options.

```
$ terraform -help plan
```

Copy 

Enable tab completion

If you use either Bash or Zsh, you can enable tab completion for Terraform commands. To enable autocomplete, first ensure that a config file exists for your chosen shell.

Bash Zsh

```
$ touch ~/.bashrc
```

Copy 

Then install the autocomplete package.

```
$ terraform -install-autocomplete
```

Copy 

Once the autocomplete support is installed, you will need to restart your shell.

Enable tab completion

If you use either Bash or Zsh, you can enable tab completion for Terraform commands. To enable autocomplete, first ensure that a config file exists for your chosen shell.

Bash **Zsh**

```
$ touch ~/.zshrc
```

Copy 

Then install the autocomplete package.

```
$ terraform -install-autocomplete
```

Copy 

Once the autocomplete support is installed, you will need to restart your shell.