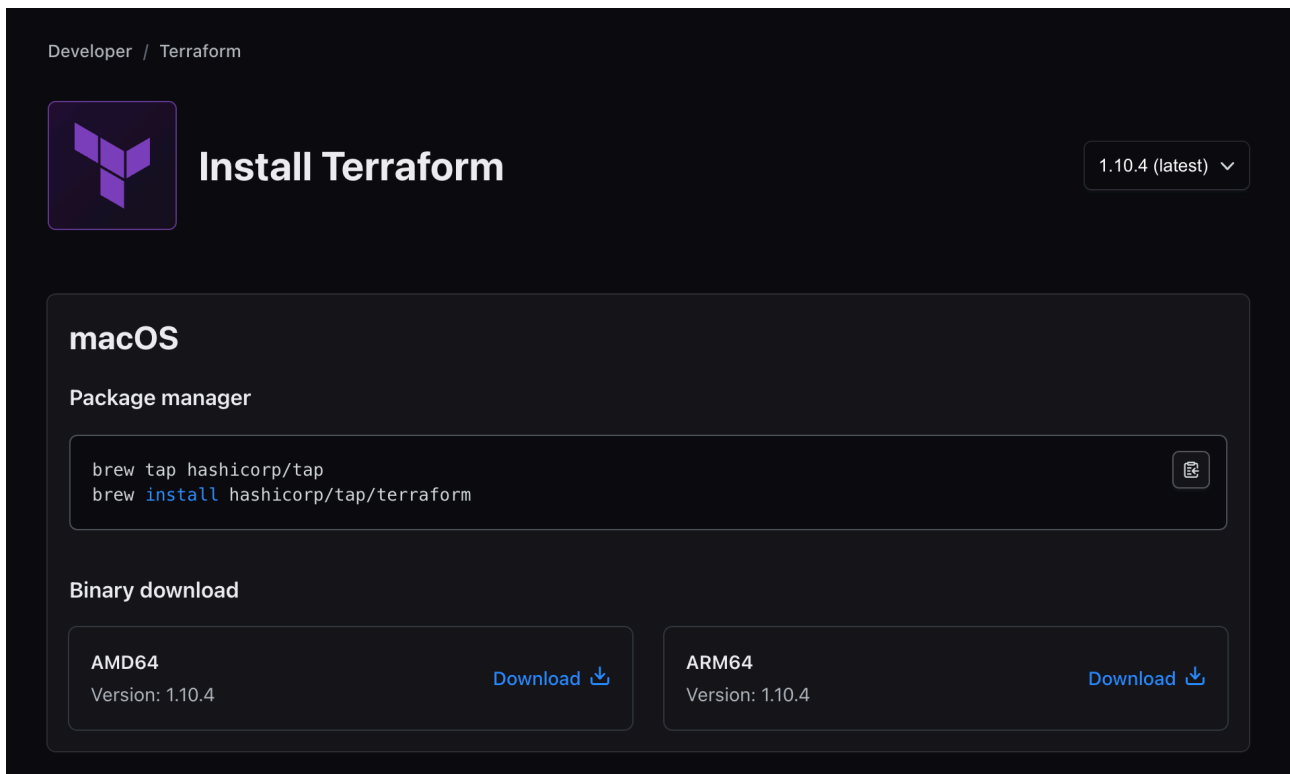# Lab Exercise 1– Install Terraform on MacOS

Installing Terraform on MacOS requires you to download the correct Terraform package, unpack, and execute it via the CLI. Follow the instructions below to ensure you do not miss any steps.

Download Terraform File for MacOS

To find the latest version of Terraform for MacOS:

1. Browse to the Download Terraform page.

2. Select the MacOS tab under the **Operating System** heading. The latest version is preselected.

Run the following command to install Terraform

```
~ ❯ brew install hashicorp/tap/terraform                              02:11:26 pm
==> Auto-updating Homebrew...
Adjust how often this is run with HOMEBREW_AUTO_UPDATE_SECS or disable with
HOMEBREW_NO_AUTO_UPDATE. Hide these hints with HOMEBREW_NO_ENV_HINTS (see `man brew`).
==> Auto-updated Homebrew!
Updated 2 taps (homebrew/core and homebrew/cask).
==> New Formulae
netatalk
==> New Casks
satdump

You have 61 outdated formulae and 3 outdated casks installed.

terraform 1.10.3 is already installed but outdated (so it will be upgraded).
==> Fetching hashicorp/tap/terraform
==> Downloading https://releases.hashicorp.com/terraform/1.10.4/terraform_1.10.4_darwin_ar
######################################################################### 100.0%
==> Upgrading hashicorp/tap/terraform
  1.10.3 -> 1.10.4
🍺  /opt/homebrew/Cellar/terraform/1.10.4: 5 files, 84.6MB, built in 2 seconds
==> Running `brew cleanup terraform`...
Disable this behaviour by setting HOMEBREW_NO_INSTALL_CLEANUP.
Hide these hints with HOMEBREW_NO_ENV_HINTS (see `man brew`).
Removing: /opt/homebrew/Cellar/terraform/1.10.3... (5 files, 84.6MB)
Removing: /Users/bhavesh/Library/Caches/Homebrew/terraform--1.10.3.zip... (25MB)
▶
~ 14s ❯                                                               02:11:52 pm
```

Verify Windows Terraform Installation

To check the Terraform global path configuration:

1. Open a new command-prompt window.

2. Enter the command to check the Terraform version: terraform -version

```
terraform -version
```

```
~ 14s ❯ terraform --version                                          02:11:52 pm
Terraform v1.10.4
on darwin_arm64
▶
~ ❯                                                                   02:12:40 pm
```

The output shows the Terraform version you downloaded and installed on your Windows machine.