

Pulkit

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## Lab Exercise 1– Install Terraform on Mac

Installing Terraform on Mac 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.

### Install Terraform

```
Last login: Fri Oct 31 08:32:51 on ttys012
pulkit@Pulkits-MacBook-Air ~ % brew tap hashicorp/tap
brew install hashicorp/tap/terraform
==> Auto-updating Homebrew...
Adjust how often this is run with '$HOMEBREW_AUTO_UPDATE_SECS' or disable with
'$HOMEBREW_NO_AUTO_UPDATE=1'. Hide these hints with '$HOMEBREW_NO_ENV_HINTS=1' (see 'man brew').
==> Homebrew collects anonymous analytics.
Read the analytics documentation (and how to opt-out) here:
https://docs.brew.sh/Analytics
No analytics have been recorded yet (nor will be during this 'brew' run).

==> Homebrew is run entirely by unpaid volunteers. Please consider donating:
https://github.com/Homebrew/brew#donations

==> Auto-updated Homebrew!
Updated 2 taps (homebrew/core and homebrew/cask).
==> New Formulae
aicommit2: Resective CLI that generates commit messages for Git and Jujutsu with AI
airtable-mcp-server: MCP Server for Airtable
archgw: CLI for Arch Gateway
asm-lsp: Language server for NASM/GAS/GO Assembly
atomic_queue: C++14 lock-free queues
btllib: Bioinformatics Technology Lab common code library
cagent: Agent Builder and Runtime by Docker Engineering
chrome-devtools-mcp: Chrome DevTools for coding agents
claude-code-router: Tool to route Claude Code requests to different models and customize any request
clippy: Copy files from your terminal that actually paste into GUI apps
clipproxyapi: Wrap Gemini CLI, Codex, Claude Code, Qwen Code as an API service
config-file-validator: CLI tool to validate different configuration file types
container-canary: Test and validate container requirements against versioned manifests
container-compose: Manage Apple Container with Docker Compose files
cpptrace: Simple, portable, and self-contained stacktrace library for C++11 and newer
ctrlid: Highly configurable, multi-protocol DNS forwarding proxy
dnote: Simple command-line notebook
docmd: Minimal Markdown documentation generator
doge: Command-line DNS client
eigen@3: C++ template library for linear algebra
erlang-language-platform: LSP server and CLI for the Erlang programming language
fastmcp: Fast, Pythonic way to build MCP servers and clients
fennel-ls: Language Server for Fennel
fexflower: Advanced decompiler for Java bytecode
filebrowser: Web File Browser
framework-tool-tui: TUI for controlling and monitoring Framework Computers hardware
gcl: GNU Common Lisp
getparty: Multi-part HTTP download manager
ghidra: Multi-platform software reverse engineering framework
gitlab-ci-linter: Command-line tool to lint GitLab CI YAML files
gocheat: TUI Cheatsheet for keyboardings, hotkeys and more
goclone: Website Cloner
granted: Easiest way to access your cloud
hack-browser-data: Command-line tool for decrypting and exporting browser data
haraka: Fast, highly extensible, and event driven SMTP server
harbor-cli: CLI for Harbor container registry
```

### Verify installation

```
pulkit@Pulkits-MacBook-Air ~ % terraform --version
Terraform v1.13.4
on darwin_arm64
pulkit@Pulkits-MacBook-Air ~ %
```