

```

~
$ > brew update
Updated 4 taps (ngrok/ngrok, supabase/tap, homebrew/core and homebrew/cask).
==> New Formulae
cotp                                git-split-diffs                    inlyne                             rtabmap                            whisperkit-cli
erlang_ls                          ingress2gateway                    ratchet                           tartufo                            yo
==> New Casks
cahier                             instantview                        posture-pal                        timelapze
galaxybudsclient                  ireal-pro                         proton-mail                       yes24-ebook
ibkr                              nperf                             steinberg-activation-manager
==> Outdated Formulae
docker                             flyctl                            kubernetes-cli                    sqlite                             yarn
docker-completion                 gh                                ruby-build                        supabase                           yq
==> Outdated Casks
1password-cli                                     ngrok

You have 10 outdated formulae and 2 outdated casks installed.
You can upgrade them with brew upgrade
or list them with brew outdated.

```

13.37s

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~
$ > brew upgrade
==> Upgrading 10 outdated packages:
yq 4.42.1 -> 4.43.1
flyctl 0.2.16 -> 0.2.23
docker 25.0.4 -> 26.0.0
gh 2.45.0 -> 2.46.0
docker-completion 25.0.4 -> 26.0.0
ruby-build 20240221 -> 20240319
sqlite 3.45.1 -> 3.45.2
yarn 1.22.21 -> 1.22.22
supabase/tap/supabase 1.148.6 -> 1.150.0
kubernetes-cli 1.29.2 -> 1.29.3
==> Downloading https://ghcr.io/v2/homebrew/core/sqlite/manifests/3.45.2
##### 100.0%
==> Fetching sqlite
==> Downloading https://ghcr.io/v2/homebrew/core/sqlite/blobs/sha256:40d4422804074ca098583526923f1d3c5a3710f57c5dc5525f493e6a17121c8b
##### 100.0%
==> Downloading https://ghcr.io/v2/homebrew/core/flyctl/manifests/0.2.23
##### 100.0%
==> Fetching flyctl
==> Downloading https://ghcr.io/v2/homebrew/core/flyctl/blobs/sha256:24b85e2dd8526a650cde364c8544fa97f466dd6e936135ec308d451b36c9f558
##### 100.0%
==> Downloading https://ghcr.io/v2/homebrew/core/docker-completion/manifests/26.0.0
##### 100.0%
==> Fetching docker-completion
==> Downloading https://ghcr.io/v2/homebrew/core/docker-completion/blobs/sha256:91b40e60757b58372bc79a8bb02869ff34af18386456094b99fde3b
##### 100.0%
==> Downloading https://ghcr.io/v2/homebrew/core/docker/manifests/26.0.0
##### 100.0%
==> Fetching docker
==> Downloading https://ghcr.io/v2/homebrew/core/docker/blobs/sha256:51799520300bb93bf1ae1f57344a883fe7c118952b467d34c2524fe66d35128c
##### 100.0%
==> Downloading https://ghcr.io/v2/homebrew/core/gh/manifests/2.46.0
##### 100.0%
==> Fetching gh
==> Downloading https://ghcr.io/v2/homebrew/core/gh/blobs/sha256:da6339a487fa934079af693684e2c32a4e7a7d656f91a7298a751a3b429472b7
##### 100.0%
==> Downloading https://ghcr.io/v2/homebrew/core/ruby-build/manifests/20240319
##### 100.0%
==> Fetching ruby-build
==> Downloading https://ghcr.io/v2/homebrew/core/ruby-build/blobs/sha256:48a2fa2d1e3a6356ed64cdc420251ce5f6e0ee33a02b9f133603f30ca6ddb9
##### 100.0%
==> Downloading https://ghcr.io/v2/homebrew/core/yarn/manifests/1.22.22
##### 100.0%
==> Fetching yarn
==> Downloading https://ghcr.io/v2/homebrew/core/yarn/blobs/sha256:9a80ed679d05f019e217f737a7d531f4578144b65be6a1a19d3322ef41d25683
##### 100.0%
==> Fetching supabase/tap/supabase
==> Downloading https://github.com/supabase/cli/releases/download/v1.150.0/supabase_darwin_arm64.tar.gz
==> Downloading from https://objects.githubusercontent.com/github-production-release-asset-2e65be/314160187/4dabedf4-a44c-403c-95b7-a55
##### 100.0%
==> Downloading https://ghcr.io/v2/homebrew/core/yq/manifests/4.43.1
##### 100.0%
==> Fetching yq
==> Downloading https://ghcr.io/v2/homebrew/core/yq/blobs/sha256:bc36b4b41929e9e689befbecb557dbf7ac6c743ca17809f65a109ef23833c0b
##### 100.0%
==> Downloading https://ghcr.io/v2/homebrew/core/kubernetes-cli/manifests/1.29.3
##### 100.0%
==> Fetching kubernetes-cli
==> Downloading https://ghcr.io/v2/homebrew/core/kubernetes-cli/blobs/sha256:bec474887cbeb601422ba44ecd63dbce2e1ace2b21019ac2d544cc7c7
##### 100.0%
==> Upgrading sqlite
3.45.1 -> 3.45.2
==> Pouring sqlite--3.45.2.arm64_sonoma.bottle.tar.gz
🍺 /opt/homebrew/Cellar/sqlite/3.45.2: 11 files, 4.8MB
==> Running 'brew cleanup sqlite'...
Disable this behaviour by setting HOMEBREW_NO_INSTALL_CLEANUP.
Hide these hints with HOMEBREW_NO_ENV_HINTS (see 'man brew').
Removing: /opt/homebrew/Cellar/sqlite/3.45.1... (11 files, 4.8MB)
Removing: /Users/replicamask/Library/Caches/Homebrew/sqlite--3.45.1... (2.2MB)
==> Upgrading flyctl
0.2.16 -> 0.2.23

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==> Pouring flyctl--0.2.23.arm64_sonoma.bottle.tar.gz
==> Caveats
zsh completions have been installed to:
  /opt/homebrew/share/zsh/site-functions
==> Summary
📦 /opt/homebrew/Cellar/flyctl/0.2.23: 9 files, 50.2MB
==> Running `brew cleanup flyctl`...
Removing: /opt/homebrew/Cellar/flyctl/0.2.16... (9 files, 50.1MB)
Removing: /Users/replicamask/Library/Caches/Homebrew/flyctl--0.2.16... (16.7MB)
==> Upgrading docker-completion
25.0.4 -> 26.0.0

==> Pouring docker-completion--26.0.0.all.bottle.tar.gz
📦 /opt/homebrew/Cellar/docker-completion/26.0.0: 9 files, 338.7KB
==> Running `brew cleanup docker-completion`...
Removing: /opt/homebrew/Cellar/docker-completion/25.0.4... (9 files, 338.7KB)
Removing: /Users/replicamask/Library/Caches/Homebrew/docker-completion--25.0.4... (68.3KB)
==> Upgrading docker
25.0.4 -> 26.0.0

==> Pouring docker--26.0.0.arm64_sonoma.bottle.tar.gz
📦 /opt/homebrew/Cellar/docker/26.0.0: 13 files, 23MB
==> Running `brew cleanup docker`...
Removing: /opt/homebrew/Cellar/docker/25.0.4... (13 files, 23.0MB)
Removing: /Users/replicamask/Library/Caches/Homebrew/docker--25.0.4... (7.6MB)
==> Upgrading gh
2.45.0 -> 2.46.0

==> Pouring gh--2.46.0.arm64_sonoma.bottle.tar.gz
==> Caveats
zsh completions have been installed to:
  /opt/homebrew/share/zsh/site-functions
==> Summary
📦 /opt/homebrew/Cellar/gh/2.46.0: 194 files, 42.4MB
==> Running `brew cleanup gh`...
Removing: /opt/homebrew/Cellar/gh/2.45.0... (194 files, 42.3MB)
Removing: /Users/replicamask/Library/Caches/Homebrew/gh--2.45.0... (9.8MB)
==> Upgrading ruby-build
20240221 -> 20240319

==> Pouring ruby-build--20240319.all.bottle.tar.gz
📦 /opt/homebrew/Cellar/ruby-build/20240319: 604 files, 319.4KB
==> Running `brew cleanup ruby-build`...
Removing: /opt/homebrew/Cellar/ruby-build/20240221... (602 files, 317.2KB)
Removing: /Users/replicamask/Library/Caches/Homebrew/ruby-build--20240221... (65.9KB)
==> Upgrading yarn
1.22.21 -> 1.22.22

==> Pouring yarn--1.22.22.all.bottle.tar.gz
==> Caveats
yarn requires a Node installation to function. You can install one with:
  brew install node
==> Summary
📦 /opt/homebrew/Cellar/yarn/1.22.22: 15 files, 5MB
==> Running `brew cleanup yarn`...
Removing: /opt/homebrew/Cellar/yarn/1.22.21... (15 files, 5MB)
Removing: /Users/replicamask/Library/Caches/Homebrew/yarn--1.22.21... (1.2MB)
==> Upgrading supabase/tap/supabase
1.148.6 -> 1.150.0

==> Caveats
zsh completions have been installed to:
  /opt/homebrew/share/zsh/site-functions
==> Summary
📦 /opt/homebrew/Cellar/supabase/1.150.0: 8 files, 32.6MB, built in 3 seconds
==> Running `brew cleanup supabase`...
Removing: /opt/homebrew/Cellar/supabase/1.148.6... (8 files, 34.2MB)
Removing: /Users/replicamask/Library/Caches/Homebrew/supabase--1.148.6.tar.gz... (11.3MB)
==> Upgrading yq
4.42.1 -> 4.43.1

==> Pouring yq--4.43.1.arm64_sonoma.bottle.tar.gz
==> Caveats
zsh completions have been installed to:
  /opt/homebrew/share/zsh/site-functions
==> Summary
📦 /opt/homebrew/Cellar/yq/4.43.1: 9 files, 9.7MB
==> Running `brew cleanup yq`...
Removing: /opt/homebrew/Cellar/yq/4.42.1... (9 files, 9.6MB)
Removing: /Users/replicamask/Library/Caches/Homebrew/yq--4.42.1... (3.7MB)
==> Upgrading kubernetes-cli
1.29.2 -> 1.29.3

==> Pouring kubernetes-cli--1.29.3.arm64_sonoma.bottle.tar.gz
==> Caveats
zsh completions have been installed to:
  /opt/homebrew/share/zsh/site-functions
==> Summary
📦 /opt/homebrew/Cellar/kubernetes-cli/1.29.3: 234 files, 59.4MB
==> Running `brew cleanup kubernetes-cli`...
Removing: /opt/homebrew/Cellar/kubernetes-cli/1.29.2... (234 files, 59.2MB)

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Removing: /Users/replicamask/Library/Caches/Homebrew/kubernetes-cli--1.29.2... (16.9MB)
==> Casks with 'auto_updates true' or 'version :latest' will not be upgraded; pass '--greedy' to upgrade them.
==> Upgrading 2 outdated packages:
1password-cli 2.25.0 -> 2.26.1
ngrok 3.7.0,at74kdRaEcZ,a -> 3.8.0,4JvNoWcrBdQ,a
==> Upgrading 1password-cli
==> Downloading https://cache.agilebits.com/dist/1P/op2/pkg/v2.26.1/op_darwin_arm64_v2.26.1.zip
##### 100.0%
==> Unlinking Binary '/opt/homebrew/bin/op'
==> Linking Binary 'op' to '/opt/homebrew/bin/op'
==> Purging files for version 2.25.0 of Cask 1password-cli
📦 1password-cli was successfully upgraded!
==> Upgrading ngrok
==> Caveats
To install shell completions, add this to your profile:
if command -v ngrok &>/dev/null; then
    eval "$(ngrok completion)"
fi

==> Downloading https://raw.githubusercontent.com/Homebrew/homebrew-cask/ec2e895509b290247782e9b859f85706212068c8/Casks/n/ngrok.rb
##### 100.0%
==> Downloading https://bin.equinox.io/a/4JvNoWcrBdQ/ngrok-v3-3.8.0-stable-darwin-arm64.zip
##### 100.0%
==> Unlinking Binary '/opt/homebrew/bin/ngrok'
==> Linking Binary 'ngrok' to '/opt/homebrew/bin/ngrok'
==> Purging files for version 3.7.0,at74kdRaEcZ,a of Cask ngrok
📦 ngrok was successfully upgraded!
==> Caveats
flyctl
zsh completions have been installed to:
/opt/homebrew/share/zsh/site-functions
==> gh
zsh completions have been installed to:
/opt/homebrew/share/zsh/site-functions
==> yarn
yarn requires a Node installation to function. You can install one with:
brew install node
==> supabase
zsh completions have been installed to:
/opt/homebrew/share/zsh/site-functions
==> yq
zsh completions have been installed to:
/opt/homebrew/share/zsh/site-functions
==> kubernetes-cli
zsh completions have been installed to:
/opt/homebrew/share/zsh/site-functions
==> ngrok
To install shell completions, add this to your profile:
if command -v ngrok &>/dev/null; then
    eval "$(ngrok completion)"
fi
1m:6s

~
$ > brew tap hashicorp/tap
==> Tapping hashicorp/tap
Cloning into '/opt/homebrew/Library/Taps/hashicorp/homebrew-tap'...
remote: Enumerating objects: 4198, done.
remote: Counting objects: 100% (499/499), done.
remote: Compressing objects: 100% (144/144), done.
remote: Total 4198 (delta 412), reused 403 (delta 355), pack-reused 3699
Receiving objects: 100% (4198/4198), 769.88 KiB | 1.09 MiB/s, done.
Resolving deltas: 100% (2759/2759), done.
Tapped 2 casks and 29 formulae (88 files, 1MB).
2.71s

~
$ > brew install hashicorp/tap/terraform
==> Fetching hashicorp/tap/terraform
==> Downloading https://releases.hashicorp.com/terraform/1.7.5/terraform_1.7.5_darwin_arm64.zip
##### 100.0%
==> Installing terraform from hashicorp/tap
📦 /opt/homebrew/Cellar/terraform/1.7.5: 3 files, 88.7MB, built in 1 second
==> Running 'brew cleanup terraform'...
Disable this behaviour by setting HOMEBREW_NO_INSTALL_CLEANUP.
Hide these hints with HOMEBREW_NO_ENV_HINTS (see 'man brew').
12.58s

~
$ > brew update
==> Updating Homebrew...
Already up-to-date.
1.34s

~
$ > brew upgrade hashicorp/tap/terraform
Warning: hashicorp/tap/terraform 1.7.5 already installed
458ms

~
$ > terraform --version
Terraform v1.7.5
on darwin_arm64
1.09s

~
$ > curl "https://awscli.amazonaws.com/AWSCLIV2.pkg" -o "AWSCLIV2.pkg"
% Total % Received % Xferd Average Speed Time Time Current
Dload Upload Total Spent Left Speed
100 37.5M 100 37.5M 0 0 3062k 0 0:00:12 0:00:12 --:--:-- 4914k
12.58s

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[illegible]

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create mode 100644 AWSCLIV2.pkg
create mode 100644 main.tf
create mode 100644 modules/.DS_Store
create mode 100644 modules/compute/main.tf
create mode 100644 modules/compute/outputs.tf
create mode 100644 modules/compute/userdata.tpl
create mode 100644 modules/compute/variables.tf
create mode 100644 modules/vpc/main.tf
create mode 100644 modules/vpc/outputs.tf
create mode 100644 modules/vpc/variables.tf
create mode 100644 outputs.tf
create mode 100644 variables.tf
Enumerating objects: 21, done.
Counting objects: 100% (21/21), done.
Delta compression using up to 8 threads
Compressing objects: 100% (20/20), done.
Writing objects: 100% (20/20), 43.96 MiB | 3.47 MiB/s, done.
Total 20 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/justin-irl/CSD01010-007-B-W24-LAB2.git
  877341f..57ff571  main -> main
16.06s

~/justin-irl/CSD01010-007-B-W24-LAB2 on [?] main
$ > ls
02.Create AWS Free Tier Account.docx      main.tf
02.Lab2-Manage AWS Infrastructure with Terraform.docx modules
AWSCLIV2.pkg                             outputs.tf
LICENSE                                   variables.tf
README.md
29ms

~/justin-irl/CSD01010-007-B-W24-LAB2 on [?] main
$ > open .
129ms

~/justin-irl/CSD01010-007-B-W24-LAB2 on [?] main
$ > touch worklog.md
13ms

~/justin-irl/CSD01010-007-B-W24-LAB2 on [?] main ● ●
$ >

```