

Vagrant 2

Vagrantfile

```
Vagrant.configure("2") do |config|
  # The most common configuration options are documented and commented below.
  # For a complete reference, please see the online documentation at
  # https://docs.vagrantup.com.

  # Every Vagrant development environment requires a box. You can search for
  # boxes at https://vagrantcloud.com/search.
  config.vm.box = "debian/bullseye64"
  config.vm.hostname = "apache2"
  config.vm.define "apache2"
  config.vm.provider "virtualbox" do |vb|
    vb.name = "apache2"
    vb.memory = "512"
    vb.cpus = 1
  end
  config.vm.provision "shell", path: "script.sh"
  config.vm.network "forwarded_port", guest: 80, host: 8080, host_ip: "127.0.0.1"
  config.vm.synced_folder "www/html", "/www/html", type: "rsync"
  config.vm.provision "file", source: "newsite.conf", destination: "/tmp/etc/apache2/sites-
available/newsite.conf"
  config.vm.provision "file", source: "main-directory.conf", destination: "/tmp/etc/apache2/conf-
available/main-directory.conf"
  config.vm.provision "shell", inline: "mv /tmp/etc/apache2/sites-available/newsite.conf
/etc/apache2/sites-available/"
  config.vm.provision "shell", inline: "mv /tmp/etc/apache2/conf-available/main-directory.conf
/etc/apache2/conf-available/"
  config.vm.provision "shell", path: "script2.sh"
end
```

Script.sh

```
#!/bin/bash
apt update
DEBIAN_FRONTEND=noninteractive apt -y upgrade
apt install apache2 << EOF
y
EOF
```

Script2.sh

```
#!/bin/bash  
a2ensite newsite.conf  
a2dissite 000-default.conf  
a2enconf main-directory  
systemctl reload apache2
```