

Provisioning

File Provisioner Commands

Commands

```
pwd
mkdir vagrant
cd vagrant/
mkdir files
cd files
pwd
which git
git config --global user.name "Jason Taylor" # replace with your actual name
git config --global user.email "jason@screencasts.pro" # replace with your email
git config --global --list
cat ~/.gitconfig
cp ~/.gitconfig git-config
ls
cd ~
clear
cd projects/
ls
mkdir git-box
cd git-box/
ls
vagrant box list
vagrant init chef/centos-6.5
vagrant plugin list
mate Vagrantfile # disable vbguest auto update
vagrant up
clear
pwd
ls -la
exit
mate Vagrantfile # configure file provisioner
vagrant status
vagrant provision
vagrant ssh
ls -al
cat .gitignore
exit
clear
vagrant destroy
clear
vagrant up # test file provisioner with fresh vagrant up
vagrant ssh
ls -al
cat .gitconfig
exit
vagrant destroy
```

Shell Provisioner Commands

Commands

```
pwd
cd projects/
cd git-box/
ls
vagrant status
```

```
mate Vagrantfile # config inline shell script
vagrant up
vagrant ssh
which git
git version
exit
mate Vagrantfile # config heredoc shell script
vagrant status
vagrant provision
clear
mate Vagrantfile
cd
cd vagrant/
ls
mkdir scripts
cd scripts/
mate provision.sh
ls
pwd
cd ~/projects/git-box/
mate Vagrantfile # config external shell script
vagrant destroy
vagrant up
vagrant ssh
git version
which nano
exit
vagrant destroy
```

LAMP Stack Provisioning Commands

Commands

```
pwd
cd projects/
mkdir baked-lamp
cd baked-lamp
vagrant init chef/centos-6.5
mate Vagrantfile # enable port forwarding
vagrant ssh # enter VM
clear
sudo yum update -y
clear
sudo yum install -y nano git unzip screen
clear
sudo yum install -y httpd httpd-devel httpd-tools
clear
sudo chkconfig --add httpd
sudo chkconfig httpd on
sudo service httpd stop
cd /var/www/html
ls
cd ..
ls
sudo rm -rf html
ls
sudo ln -s /vagrant /var/www/html
exit
ls
mate index.html
ls
pwd
vagrant ssh # back into VM
sudo service httpd start
exit
```

```
vagrant ssh
clear
sudo yum install -y php php-cli php-common php-devel php-mysql
sudo service httpd restart
exit
pwd
mate info.php
ls
vagrant ssh
clear
sudo yum install -y mysql mysql-server mysql-devel
sudo chkconfig --add mysqld
sudo chkconfig mysqld on
sudo service mysqld start
mysql -u root -e "CREATE DATABASE IF NOT EXISTS dev_test";
mysql -u root -e "SHOW DATABASES";
exit
vagrant help package
vagrant status
vagrant package --output centos-lamp.box
clear
ls
vagrant box add centos-lamp centos-lamp.box
cd ..
clear
mkdir test-lamp
cd test-lamp/
vagrant box list
vagrant init centos-lamp
mate Vagrantfile
clear
vagrant plugin install vagrant-vbguest
clear
vagrant up
ls
mate index.html
```