

# 3 nodos vagrant + docker

## Vagrantfile

la idea es desplegar un cluster swarm

```
Vagrant.configure("2") do |config|
  config.vm.define "nodo1" do |nodo1|
    nodo1.vm.box = "debian/jessie64"
    nodo1.vm.hostname = "nodo1"
#    nodo1.vm.network "public_network", bridge: "eth0"
    nodo1.vm.network "private_network", ip: "10.0.100.101"
    nodo1.vm.provision "shell", path: "install-docker.sh"
    nodo1.vm.provider "virtualbox" do |vb|
      vb.name = "debian-swarm-nodo1"
      vb.memory = 1024
      vb.cpus = 1
      vb.linked_clone = true
    end
  end
  config.vm.define "nodo2" do |nodo2|
    nodo2.vm.box = "debian/jessie64"
    nodo2.vm.hostname = "nodo2"
    nodo2.vm.network "private_network", ip: "10.0.100.102"
    nodo2.vm.provider "virtualbox" do |vb|
      vb.name = "debian-swarm-nodo2"
      vb.memory = 1024
      vb.cpus = 1
      vb.linked_clone = true
    end
  end
  config.vm.define "nodo3" do |nodo3|
    nodo3.vm.box = "debian/jessie64"
    nodo3.vm.hostname = "nodo3"
    nodo3.vm.network "private_network", ip: "10.0.100.103"
    nodo3.vm.provider "virtualbox" do |vb|
      vb.name = "debian-swarm-nodo3"
      vb.memory = 1024
      vb.cpus = 1
      vb.linked_clone = true
    end
  end
end
```

```
#!/bin/bash
sudo apt-get remove -y docker docker-engine docker.io containerd runc
sudo apt-get update
sudo apt-get install -y \
  apt-transport-https \
  ca-certificates \
  curl \
  gnupg2 \
```

```
software-properties-common \  
vim  
curl -fsSL https://download.docker.com/linux/debian/gpg | sudo apt-key add -  
sudo add-apt-repository \  
  "deb [arch=amd64] https://download.docker.com/linux/debian \  
    $(lsb_release -cs) \  
    stable"  
sudo apt-get update  
sudo apt-get install -y docker-ce  
sudo usermod -aG docker vagrant  
#newgrp docker  
#docker run hello-world
```

From:

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