Creating a Vagrant Base Box with CentOS 7.0 Cheat Sheet

by Managed Kaos (managedkaos) via cheatography.com/18843/cs/4235/

Software Requirements

Vagrant

http://www.vagrantup.com/downloads.html

VirtualBox

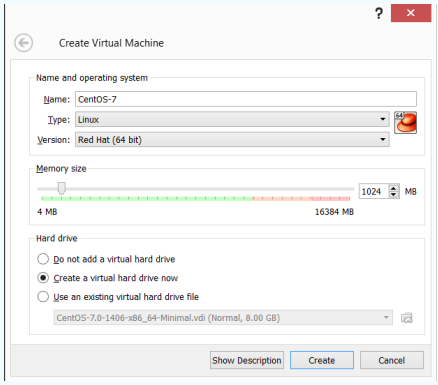
https://www.virtualbox.org/wiki/Downloads

CentOS 7 Minimal

http://isoredirect.centos.org/centos/7/isos/x86_64/

Download and install Vagrant and VirtualBox. Download the CentOS minimal ISO and make a note of the location where you saved the file.
Vagrant is currently compatible with VirtualBox versions 4.0.x, 4.1.x, 4.2.x, and 4.3.x. Any other version is unsupported.

Create Virtual Machine



Start the VM creation process in the VirtualBox GUI by clicking the "-New" icon, Typing CTRL+N, or selecting Machine -> New from the menu.
If you use CentOS-7 or something similar for the name, VirtualBox will automatically select the Type and Version for you.

1 - Create the VirtualBox VM

Name

Choose a suitable name for the VM

Type

Linux

Version

Red Hat (64 bit)

Memory size

1024 MB

1 - Create the VirtualBox VM (cont)

Hard drive

Create a virtual hard drive now

Virtual Hard Drive File Location

Use the default or select a different location

File size

8.00 GB

Hard drive file type

VDI (VirtualBox Disk Image)

Storage on physical hard drive

Dynamically allocated

Configure the VM

After you create the VM, a bit of configuration is needed. Select the VM in the GUI and either click the Settings icon, Right-Click the VM and select Settings, or type CTRL+S.

2- Configure the VM

Storage Tab

Select Controler IDE -> Empty; Click the Disk icon next to CD/DV Drive and select "Choose a choose a virtual CD/DVD disk file". Browse to the downloaded ISO for CentOS 7 Minimal.

Audio Tab

Uncheck "Enable Audio"

Network Tab

Make sure "Enable Network Adapter" is checked and "Attached to" is set to NAT.

USB Tab

Uncheck "Enable USB Controller"

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