

VAGRANT USAGES FOR UP AND RUNNING SIN-MANAGER APP ON A WINDOWS MACHINE

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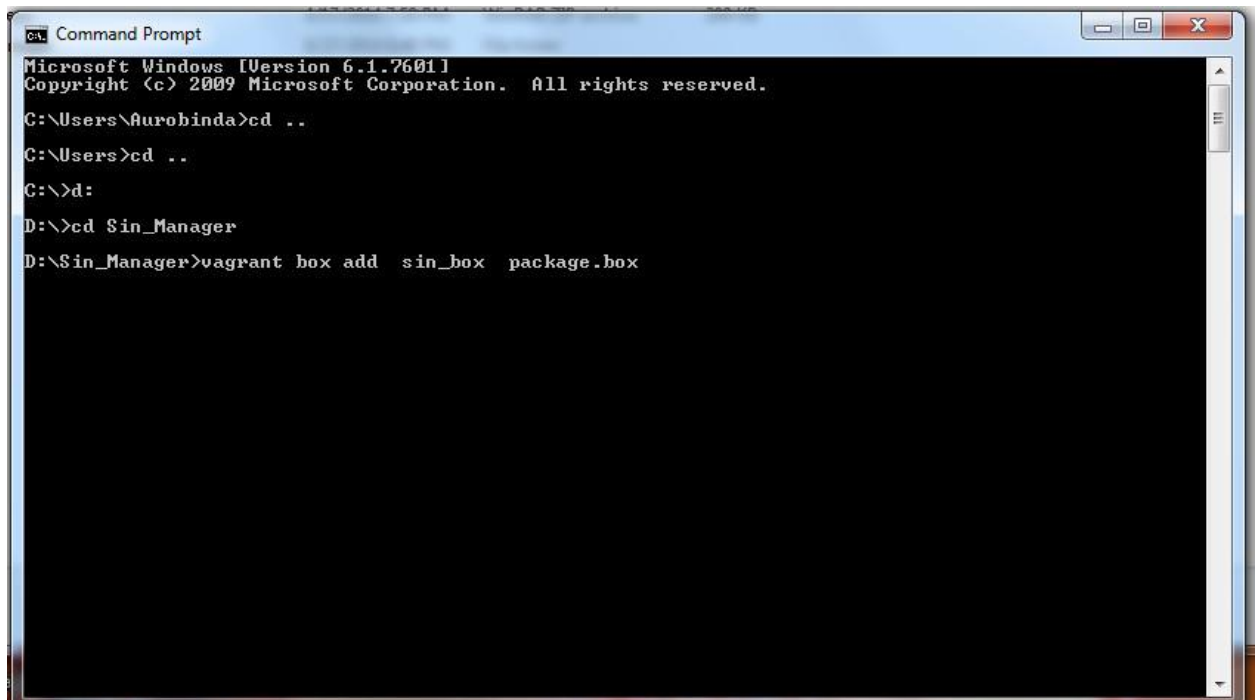
CONFIGURING THE VM FOR FIRST TIME IN A HOST MACHINE

REQUIREMENTS

- Windows OS – XP and above
- VirtualBox
- Vagrant
- Putty client

INSTALLING OF THE REQUIRED TOOLS

1. Install SIN Manager vagrant box from the shared Dropbox URL
(<https://www.dropbox.com/s/vccra9crcfgtorl/package.box>)
2. Install VirtualBox (If not installed)
3. Install Vagrant - <http://www.vagrantup.com/downloads.html>
Please note: You may need to set the environment path of VirtualBox. Guide for this is <http://www.computerhope.com/issues/ch000549.htm>
4. Reboot the System
5. Create a folder "**Sin_Manager**" in any of your drive & download the "**package.box**" file here
6. Open command prompt and navigate to the folder "**Sin_Manager**"



```
cs. Command Prompt
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Aurobinda>cd ..
C:\Users>cd ..
C:\>d:
D:\>cd Sin_Manager
D:\Sin_Manager>vagrant box add sin_box package.box
```

INITIALIZING & USING THE VAGRANT BOX

In command prompt type the below commands and execute one after another

1. `vagrant box add sin_box package.box`
2. `vagrant init sin_box`
3. `vagrant up`
4. `vagrant ssh`

RUNNING THE SIN MANAGER APP

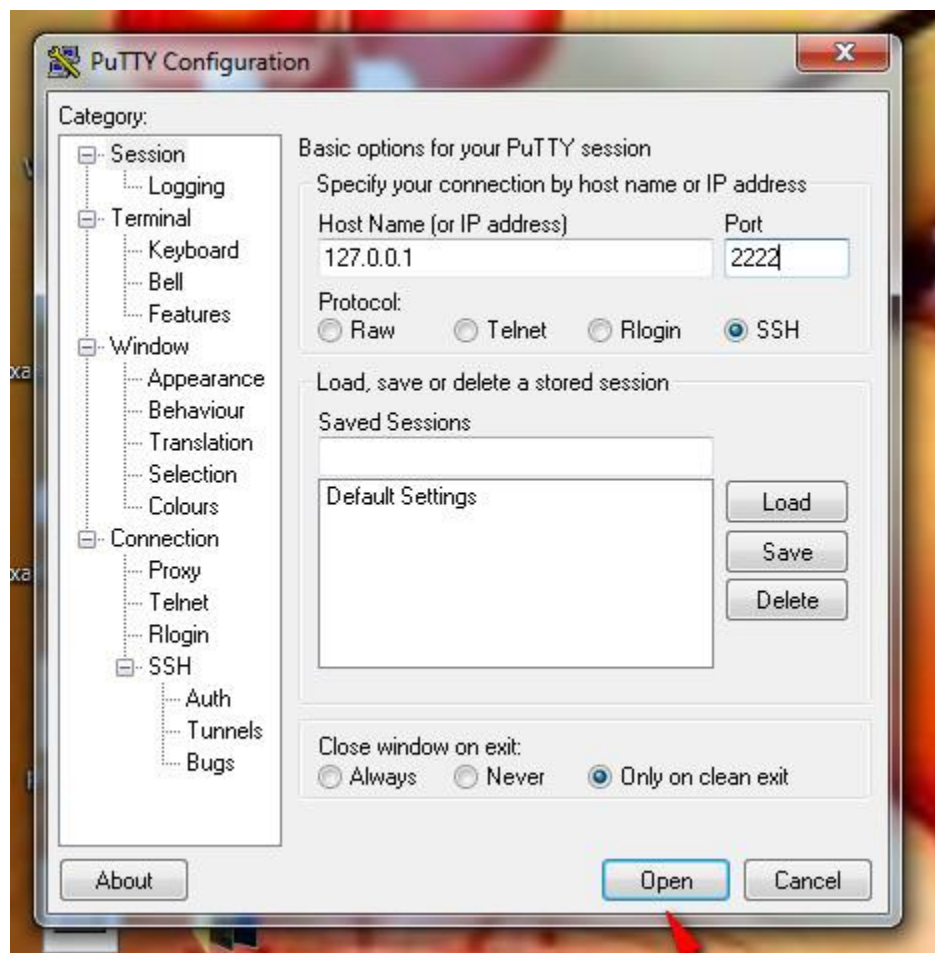
SSH to the VM box through Putty client

Host Name – 127.0.0.1

Port – 2222

Protocol – SSH

Click on the **"Open"** button as described below



In the terminal use the credentials below

Username- vagrant

Password- vagrant

After login the SSH, navigate to the folder as below

```
cd /var/www/sin/
```

Do the bundle install by typing the following command

```
bundle install
```

Give permission to the folder

```
sudo chmod -R 777 /var/www/sin/
```

Run the app server

```
puma -e development -d
```

GETTING THE IP ADDRESS

In ssh terminal type: `ifconfig`

View the IPADDRESS like: 192.168.2.114 and browse on this on a URL, the SIN Manager app will be running.

SHUTTING DOWN THE VM

- Type the following command in the ssh terminal to exit from the putty
`exit`
- Open command prompt and navigate to the folder "**Sin_Manager**"
- Type the following command to know the VM status
`vagrant status`
- If the VM state is running type the following command to save the VM state and shutdown the box
`vagrant suspend`
- Now the VM box state is saved and powered off
- Exit from the command prompt

TO UP AND RUN THE VM BOX NEXT TIME

- Open command prompt and navigate to the folder "***Sin_Manager***"
- Type the following command to know the VM status
`vagrant status`
- If the VM state is powered off type the following command to up the VM state
`vagrant up`
- Check the previously run URL in the browser

TROUBLESHOOT GUIDE

Check the previously run URL in the browser. If the SIN Manager app is not running do the following steps

- Open command prompt and navigate to the folder "***Sin_Manager***"
- Type the following command to know the VM status
`vagrant status`
- If the VM state is running type the following command to do a ssh
`vagrant ssh`
- SSH to the VM box through Putty client as described above. **Do only login.**
- Check the IP address by typing the command as below
`ifconfig`
- View the IPADDRESS like: 192.168.2.114 and browse on this on a URL, the SIN Manager app will be running.