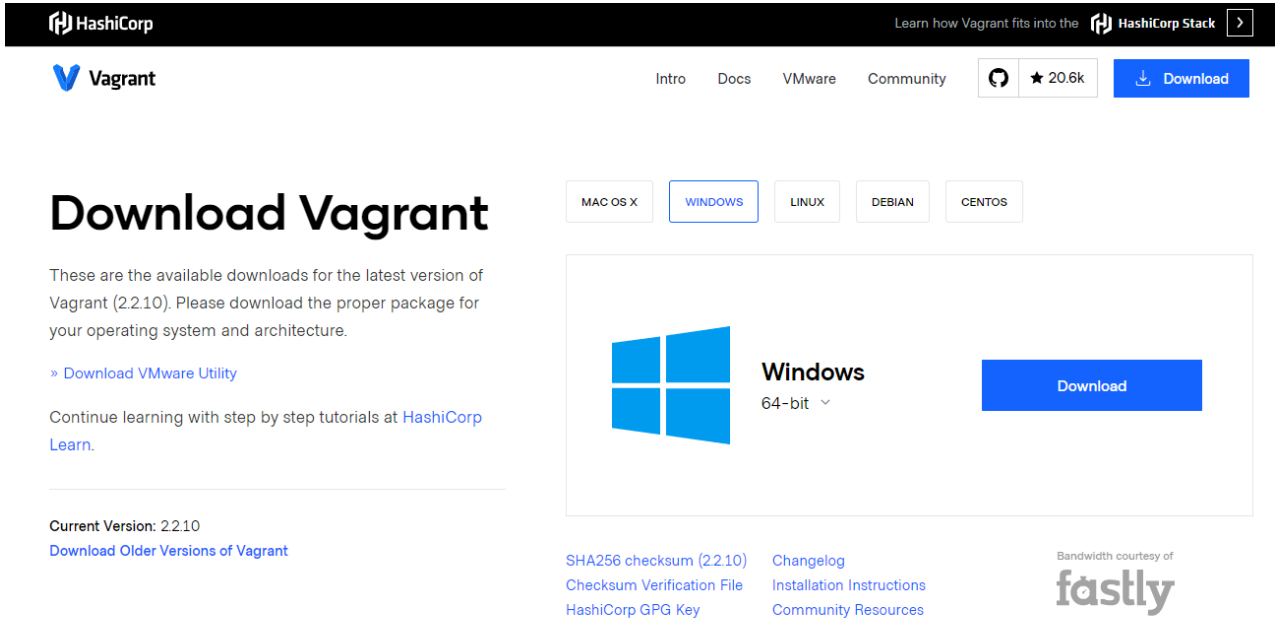
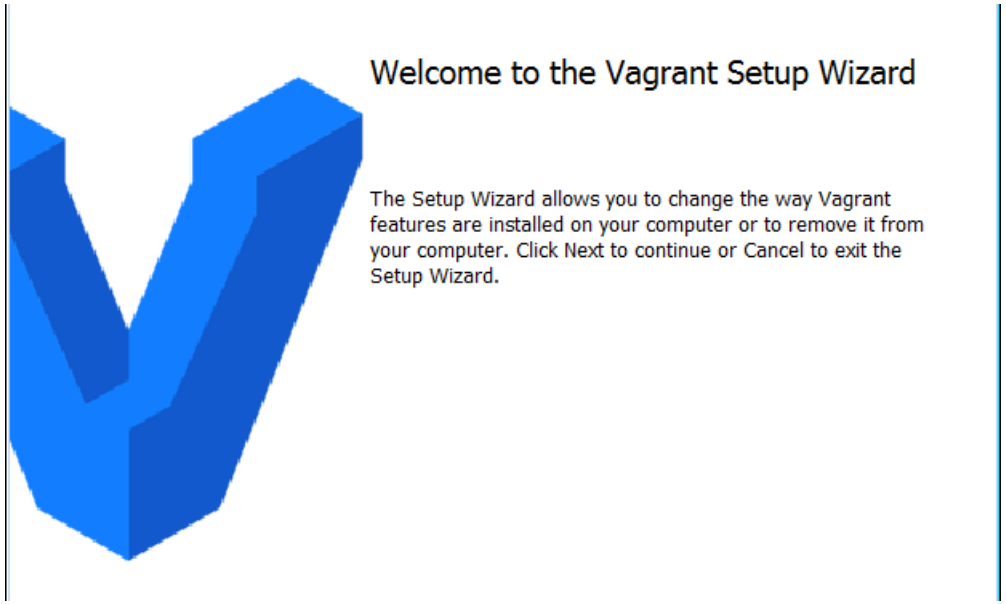
OpenStack-VirtualBox&Vagrant安装

1811110315 王少博

Vagrant 安装


HashiCorp
Learn how Vagrant fits into the HashiCorp Stack
Vagrant
Intro
Docs
VMware
Community
★ 20.6k
Download
Download Vagrant
These are the available downloads for the latest version of Vagrant (2.2.10). Please download the proper package for your operating system and architecture.
» Download VMware Utility
Continue learning with step by step tutorials at HashiCorp Learn.
Current Version: 2.2.10
Download Older Versions of Vagrant
MAC OS X
WINDOWS
LINUX
DEBIAN
CENTOS
Windows
64-bit
Download
SHA256 checksum (2.2.10)
Checksum Verification File
HashiCorp GPG Key
Changelog
Installation Instructions
Community Resources
Bandwidth courtesy of
fastly


Welcome to the Vagrant Setup Wizard
The Setup Wizard allows you to change the way Vagrant features are installed on your computer or to remove it from your computer. Click Next to continue or Cancel to exit the Setup Wizard.

Vagrant 安装成功，并安装插件

Vagrant 安装成功

```
PS D:\vagrant> vagrant --version
Vagrant 2.2.0
```

使用vagrant plugin install vagrant-cachier命令安装插件

```
PS D:\vagrant> vagrant plugin install vagrant-cachier
Installing the 'vagrant-cachier' plugin. This can take a few minutes...
Fetching: vagrant-cachier-1.2.1.gem (100%)
Installed the plugin 'vagrant-cachier (1.2.1)'!
```

安装Virtual Box（直接用老师给的）

VirtualBox

search...
Login Preferences

Download VirtualBox (Old Builds): VirtualBox 5.2

The Extension Packs in this section are released under the VirtualBox Personal Use and Evaluation License. All other binaries are released under the terms of the GPL version 2. By downloading, you agree to the terms and conditions of the respective license.

About
Screenshots
Downloads
Documentation
End-user docs
Technical docs
Contribute
Community

- 5.2 SDK (5.2.44)
- **VirtualBox 5.2.44** *(released July 14 2020)*
  - Windows hosts
  - OS X hosts
  - Solaris hosts
  - Linux Hosts:
    - Oracle Linux 8 / Red Hat Enterprise Linux 8 / CentOS 8
    - Oracle Linux 7 / Red Hat Enterprise Linux 7 / CentOS 7
    - Oracle Linux 6 / Red Hat Enterprise Linux 6 / CentOS 6 32-bit | 64-bit
    - Ubuntu 18.04 / 18.10 / 19.04
    - Ubuntu 16.04 32-bit | 64-bit
    - Ubuntu 14.04 / 14.10 / 15.04 32-bit | 64-bit
    - Debian 9 32-bit | 64-bit
    - Debian 8 32-bit | 64-bit
    - openSUSE 15.0
    - openSUSE 13.2 / Leap 42 32-bit | 64-bit
    - Fedora 29 / 30
    - Fedora 26 / 27 / 28 32-bit | 64-bit
    - All distributions 32-bit 64-bit
  - Extension Pack
  - Sources
  - MD5 checksums, SHA256 checksums
- **VirtualBox 5.2.42** *(released May 15 2020)*
  - Windows hosts
  - OS X hosts
  - Solaris hosts
  - Linux Hosts:
    - Oracle Linux 8 / Red Hat Enterprise Linux 8 / CentOS 8
    - Oracle Linux 7 / Red Hat Enterprise Linux 7 / CentOS 7
    - Oracle Linux 6 / Red Hat Enterprise Linux 6 / CentOS 6 32-bit | 64-bit
    - Ubuntu 18.04 / 18.10 / 19.04
    - Ubuntu 16.04 32-bit | 64-bit
    - Ubuntu 14.04 / 14.10 / 15.04 32-bit | 64-bit
    - Debian 9 32-bit | 64-bit
    - Debian 8 32-bit | 64-bit
    - openSUSE 15.0
    - openSUSE 13.2 / Leap 42 32-bit | 64-bit
    - Fedora 29 / 30
    - Fedora 26 / 27 / 28 32-bit | 64-bit
    - All distributions 32-bit 64-bit
  - Extension Pack
  - Sources
  - MD5 checksums, SHA256 checksums

vagrant
文件
主页
共享
查看
此电脑 › 资料 (D:) › vagrant ›
搜索"vagr...
OneDrive
192.168.31.120
multi-label-classificati
大数据
托福 写作-魔鬼默写软件
云计算
OneDrive - Personal
此电脑
坚果云
3D 对象
10.246.51.30
视频
图片
文档
下载
音乐
桌面
系统 (C:)
名称
修改日期
类型
大小
.vagrant 2020/10/7 16:37 文件夹
trusty-server-cloudimg-amd64-vagrant-dis... 2020/10/7 16:16 BOX 文件 438,460 KB
Vagrantfile 2020/10/7 16:22 文件 4 KB
下载两个文件到
D:/vagrant目录下

修改Vagrantfile，使用vagrant init命令进行初始化，然后使用vagrant up命令开启虚拟机

Windows PowerShell

```
PS D:\vagrant> vagrant up
Bringing machine 'controller' up with 'virtualbox' provider...
Bringing machine 'network' up with 'virtualbox' provider...
Bringing machine 'compute' up with 'virtualbox' provider...
==> controller: Box 'trusty64' could not be found. Attempting to find and install...
    controller: Box Provider: virtualbox
    controller: Box Version: >= 0
==> controller: Box file was not detected as metadata. Adding it directly...
==> controller: Adding box 'trusty64' (v0) for provider: virtualbox
    controller: Unpacking necessary files from: file:///D:/vagrant/trusty-server-cloudimg-amd64-vagrant-disk1.box
    controller:
==> controller: Successfully added box 'trusty64' (v0) for 'virtualbox'!
==> controller: Importing base box 'trusty64'...
==> controller: Matching MAC address for NAT networking...
==> controller: Setting the name of the VM: vagrant_controller_1602059925313_87689
==> controller: Clearing any previously set forwarded ports...
Vagrant is currently configured to create VirtualBox synced folders with
the `SharedFoldersEnableSymlinksCreate` option enabled. If the Vagrant
guest is not trusted, you may want to disable this option. For more
information on this option, please refer to the VirtualBox manual:

  https://www.virtualbox.org/manual/ch04.html#sharedfolders

This option can be disabled globally with an environment variable:
```

```
    compute: SSH address: 127.0.0.1:2801
    compute: SSH username: vagrant
    compute: SSH auth method: private key
    compute:
    compute: Vagrant insecure key detected. Vagrant will automatically replace
    compute: this with a newly generated keypair for better security.
    compute:
    compute: Inserting generated public key within guest...
    compute: Removing insecure key from the guest if it's present...
    compute: Key inserted! Disconnecting and reconnecting using new SSH key...
==> compute: Machine booted and ready!
==> compute: Checking for guest additions in VM...
    compute: The guest additions on this VM do not match the installed version of
    compute: VirtualBox! In most cases this is fine, but in rare cases it can
    compute: prevent things such as shared folders from working properly. If you see
    compute: shared folder errors, please make sure the guest additions within the
    compute: virtual machine match the version of VirtualBox you have installed on
    compute: your host and reload your VM.
    compute:
    compute: Guest Additions Version: 4.3.40
    compute: VirtualBox Version: 5.2
==> compute: Setting hostname...
==> compute: Configuring and enabling network interfaces...
==> compute: Mounting shared folders...
    compute: /vagrant => D:/vagrant
PS D:\vagrant> vagrant --version
Vagrant 2.2.0
```

最后就看到有三个machine