



链滴

Vagrant 2.2.6 无法使用 VirtualBox 6.1 解决办法

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来源网站: [链滴](#)

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If you believe you already have a provider available, make sure it is properly installed and configured. You can see more details about why a particular provider isn't working by forcing usage with `vagrant up --provider=PROVIDER`, which should give you a more specific error message for that particular provider.

提示我本地没有可用的虚拟机，感觉瞬间就懵逼了，在控制面板中明明可以看到安装的VirtualBox，竟走进了死胡同，万幸的是天无绝人之路，在官网上还是找到了点蛛丝马迹：

Download Vagrant

Below are the available downloads for the latest version of Vagrant (2.2.6). Please download the proper package for your operating system and architecture.

You can find the [SHA256 checksums for Vagrant 2.2.6](#) online and you can [verify the checksum's signature file](#), which has been signed using [HashiCorp's GPG key](#). You can also [download older versions of Vagrant](#) from the releases service.

Check out the [v2.2.6 CHANGELOG](#) for information on the latest release.

通过该链接点到vagrant在github上的仓库，灵机一动去查看了issue，果然有人和我遇到了同样的问题，并且神通广大的网友给出了解决方案。

<https://github.com/oracle/vagrant-boxes/issues/178>

我参考上面的步骤进行了如下操作：

- 1.进入我的vagrant安装目录D:\HashiCorp\Vagrant(ps:默认安装在c盘的这个目录下，我安装时只修了盘符)
- 2.修改D:\HashiCorp\Vagrant\embedded\gems\2.2.6\gems\vagrant-2.2.6\plugins\providers\virtualbox\plugin.rb文件。在61行左右，添加
`autoload :Version_6_1, File.expand_path("../driver/version_6_1", __FILE__)`

```
# our drivers only when they are needed.
module Driver
  autoload :Meta, File.expand_path("../driver/meta", __FILE__)
  autoload :Version_4_0, File.expand_path("../driver/version_4_0", __FILE__)
  autoload :Version_4_1, File.expand_path("../driver/version_4_1", __FILE__)
  autoload :Version_4_2, File.expand_path("../driver/version_4_2", __FILE__)
  autoload :Version_4_3, File.expand_path("../driver/version_4_3", __FILE__)
  autoload :Version_5_0, File.expand_path("../driver/version_5_0", __FILE__)
  autoload :Version_5_1, File.expand_path("../driver/version_5_1", __FILE__)
  autoload :Version_5_2, File.expand_path("../driver/version_5_2", __FILE__)
  autoload :Version_6_0, File.expand_path("../driver/version_6_0", __FILE__)
  autoload :Version_6_1, File.expand_path("../driver/version_6_1", __FILE__)
end
```

记住使用管理权限修改。

- 3.修改D:\HashiCorp\Vagrant\embedded\gems\2.2.6\gems\vagrant2.2.6\plugins\providers\virtualbox\driver\meta.rb文件，在66行左右增加"6.1" => Version_6_1,,修改后如下图：

```

58     driver_map = {
59       "4.0" => Version_4_0,
60       "4.1" => Version_4_1,
61       "4.2" => Version_4_2,
62       "4.3" => Version_4_3,
63       "5.0" => Version_5_0,
64       "5.1" => Version_5_1,
65       "5.2" => Version_5_2,
66       "6.0" => Version_6_0,
67       "6.1" => Version_6_1,
68     }

```

同时当前目录下新建`version_6_1.rb`文件，文件内容如下：

```

require File.expand_path("../version_6_0", __FILE__)

module VagrantPlugins
  module ProviderVirtualBox
    module Driver
      # Driver for VirtualBox 6.1.x
      class Version_6_1 < Version_6_0
        def initialize(uuid)
          super

          @logger = Log4r::Logger.new("vagrant::provider::virtualbox_6_1")
        end
      end
    end
  end
end

```

到这里就结束了，然后尝试启动centos7，启动成功：

```

PS G:\virtualBox\centos7> vagrant up
Bringing machine 'default' up with 'virtualbox' provider...
==> default: Clearing any previously set forwarded ports...
==> default: Specific bridge 'en1: Intel(R) I211 Gigabit Network Connection' not found. You may be asked to specify
==> default: which network to bridge to.
==> default: Preparing network interfaces based on configuration...
default: Adapter 1: nat
default: Adapter 2: bridged
==> default: Forwarding ports...
default: 22 (guest) => 2222 (host) (adapter 1)
==> default: Running 'pre-boot' VM customizations...
==> default: Booting VM...
==> default: Waiting for machine to boot. This may take a few minutes...
default: SSH address: 127.0.0.1:2222
default: SSH username: vagrant
default: SSH auth method: private key
==> default: Machine booted and ready!
==> default: Checking for guest additions in VM...
default: No guest additions were detected on the base box for this VM! Guest
default: additions are required for forwarded ports, shared folders, host only
default: networking, and more. If SSH fails on this machine, please install
default: the guest additions and repackage the box to continue.
default:
default: This is not an error message; everything may continue to work properly,
default: in which case you may ignore this message.
==> default: Configuring and enabling network interfaces...
==> default: Rsyncing folder: /cygdrive/g/virtualBox/centos7/ => /vagrant
==> default: Machine already provisioned. Run `vagrant provision` or use the `--provision`
==> default: flag to force provisioning. Provisioners marked to run always will still run.
PS G:\virtualBox\centos7> vagrant halt
==> default: Attempting graceful shutdown of VM...

```

总结：在我们使用一些开源工具的时候，如果遇到自己搞不定的问题时，可以去github上看看issue也许有意外惊喜。