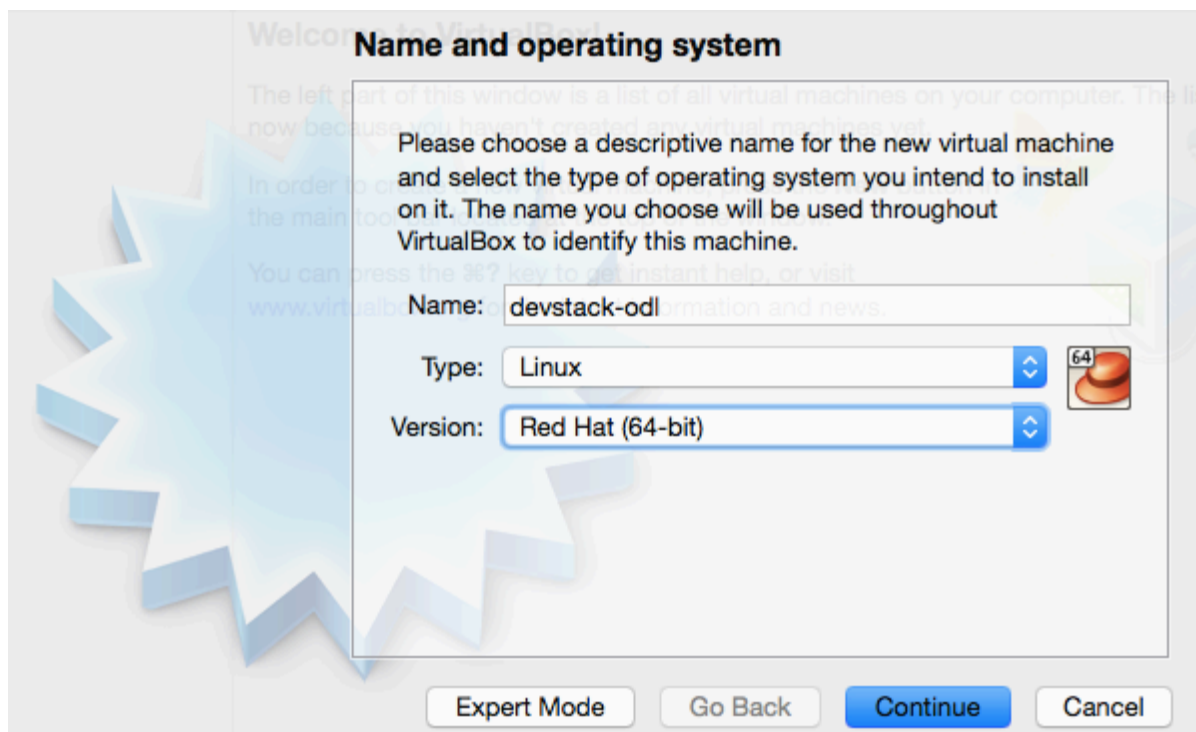


Here are the steps to boot the VDI image **devstack-odl.vdi** in VirtualBox.

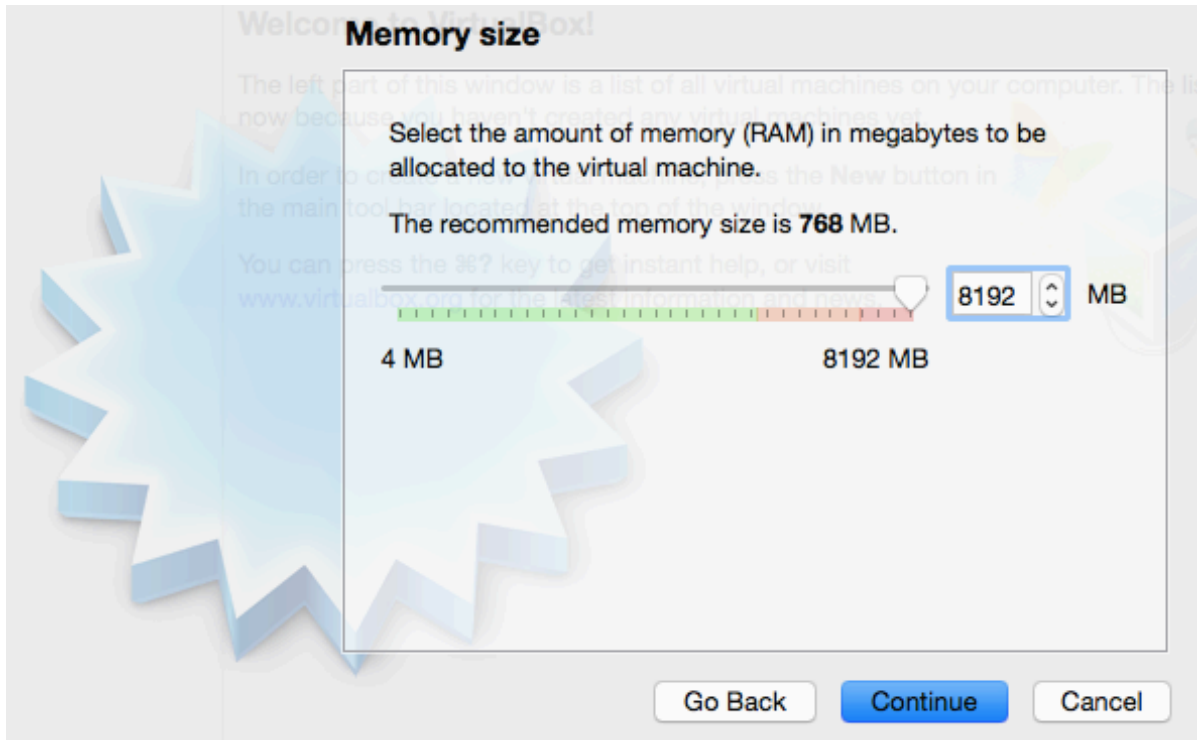
devstack-odl.vdi deploys OpenStack Newton with OpenDaylight Boron and Open vSwitch on CentOS-7.

1. Download **devstack-odl.vdi** from <https://cisco.box.com/s/4rg4lsci6v3djms04s4zjp3gfkn8t2pm> on your laptop.
2. The md5 checksum of **devstack-odl.vdi** is in the file **md5_checksum.txt** in <https://cisco.box.com/s/4rg4lsci6v3djms04s4zjp3gfkn8t2pm>.
3. Open VirtualBox and click on the “**New**” icon at top left.
4. Type **devstack-odl.vdi** for “Name”.
Select **Linux** for “Type” and **Red Hat (64-bit)** for “Version”.

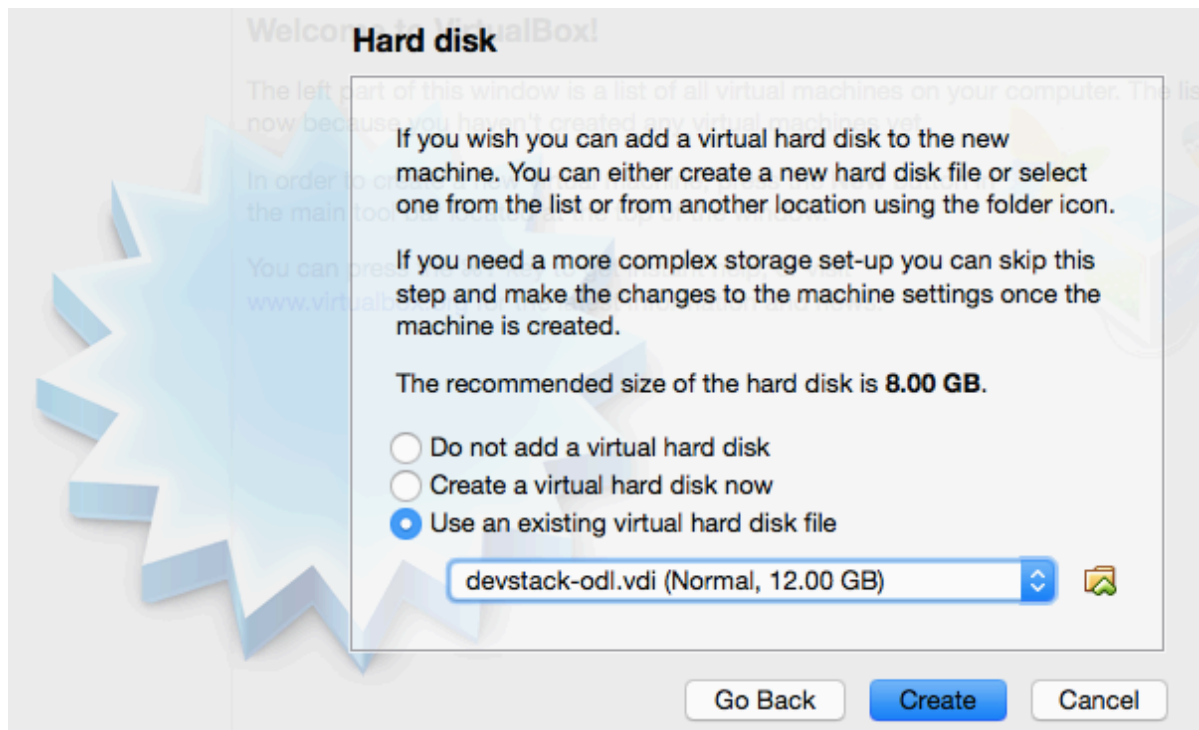


5. Click “Continue”.

6. Enter **8192** MB (8GB) for memory size (RAM) for the VM.



7. Click "Continue".
8. Select "Use an existing virtual hard disk file" and select **devstack-odl.vdi** on the laptop downloaded from <https://cisco.box.com/s/4rg4lsci6v3djms04s4zjp3gfkn8t2pm>.



9. Click “Create”.

10. Download the script **configure_vbox.sh** from

<https://cisco.box.com/s/4rg4lsci6v3djms04s4zjp3gfk8t2pm> on your laptop. It sets up the all interfaces and port-forwarding needed for the VM.

11. Open terminal in your laptop and navigate to the directory in which **configure_vbox.sh** was downloaded.

```
cd <path to the directory in which configure_vbox.sh was downloaded>
```

12. Run **configure_vbox.sh**.

```
./configure_vbox.sh
```

13. Select **devstack-odl.vdi** in the left pane in VirtualBox and click on “**Start**” (the green right arrow) at the top. Wait for 5 minutes until the VM boots up.

14. Once you see the login prompt in the VM, open terminal in your laptop and use the following command to SSH into the VM. Type **ciscolive** for the password.

```
$ ssh -p 3022 stack@127.0.0.1
stack@127.0.0.1's password: ciscolive
[stack@devstack-odl ~]$
```

15. Run the following commands to deploy OpenStack Newton with OpenDaylight Boron and Open vSwitch!

```
cd devstack_newton
./stack.sh
```

16. It takes about 15 minutes to deploy.

17. After stack.sh finishes, refer the steps after the line

“Verify if OpenDaylight has been correctly deployed with OpenStack”

in the blog

<https://communities.cisco.com/community/developer/openstack/blog/2017/02/01/how-to-deploy-openstack-newton-with-opendaylight-boron-and-open-vswitch>

to verify and use the deployment!

18. Please contact Vikram Hosakote (vhosakot@cisco.com) for any questions.