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## Downloading the VM (includes data sets)

1. Download it from  
<http://content.udacity-data.com/courses/ud617/Cloudera-Udacity-Training-VM-4.1.1.c.zip>  
. Warning - the zipped file size is 1.7 GB. *If you are on a Windows machine you will likely need to use WinRAR to open this .zip file because other methods fail to open the unzipped file (which exceeds the maximum specified 4GB for a .zip file).*
2. MD5sum file can be found here  
<http://content.udacity-data.com/courses/ud617/Cloudera-Udacity-Training-VM-4.1.1.c.zip.md5>
3. Unzip it. Warning - the unzipped size is 4.2GB
4. MD5 hashes for files:
  - o 8a610c151d4b1ebdce11542d13dd2a53 Cloudera-Training-VM-4.1.1.c.log
  - o 6b44c965c1c6062554bf4cc12d11e87e Cloudera-Training-VM-4.1.1.c.plist
  - o 46dedeba3e0affd8311431d7e370705e Cloudera-Training-VM-4.1.1.c.vmdk
  - o d41d8cd98f00b204e9800998ecf8427e Cloudera-Training-VM-4.1.1.c.vmsd
  - o 096956c1cbabeaa652ca63a2d5e14612 Cloudera-Training-VM-4.1.1.c.vmx
  - o c9f8a375e82ef1e9d96097850e237df9 Cloudera-Training-VM-4.1.1.c.vmx
  - o 0d7c8becb5a515068e81bb303c794e4f nvram

## Alternative - download data sets

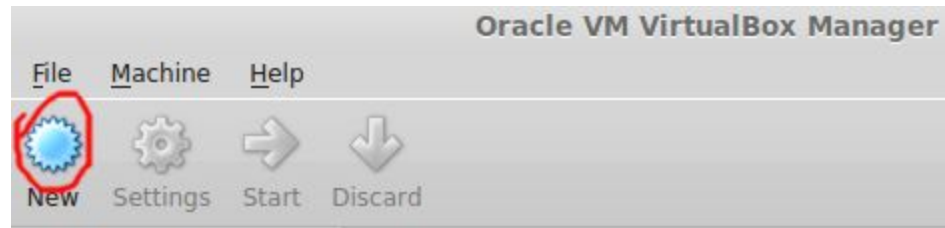
Download and unzip data sets from:

- [http://content.udacity-data.com/courses/ud617/access\\_log.gz](http://content.udacity-data.com/courses/ud617/access_log.gz)
- <http://content.udacity-data.com/courses/ud617/purchases.txt.gz>

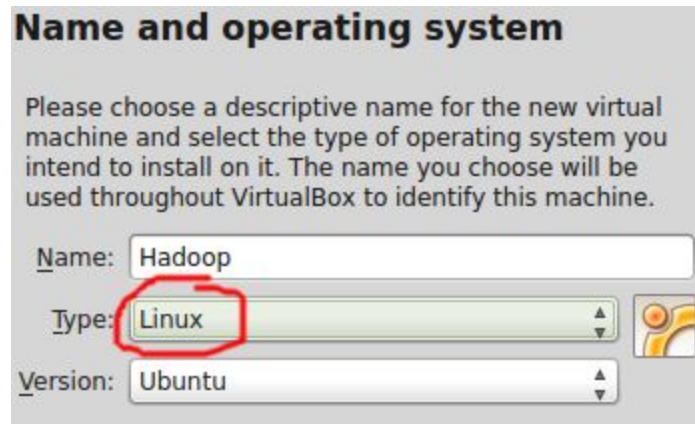
## Virtual machine setup

### Using Oracle VirtualBox

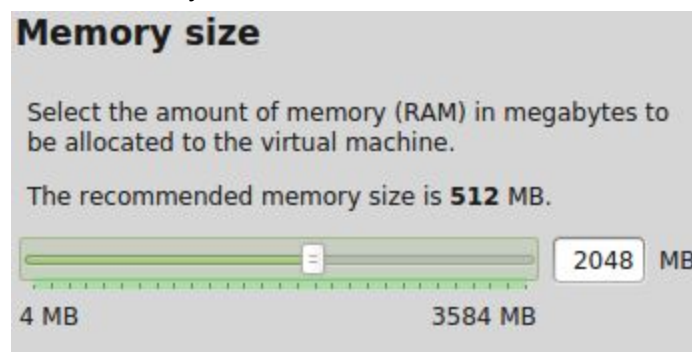
1. Download and install VirtualBox from <https://www.virtualbox.org/wiki/Downloads>
2. Create a new Virtual machine:
  - a. Create a new virtual machine by pressing the 'New' button:



- b. Choose a name, use 'Type': 'Linux':



- c. Press Next  
d. Select memory size for the VM.



- e. Press Next  
f. Select 'Use an existing virtual hard drive file', click the button to browse to the directory you unzipped the provided VM image and press 'Create'.

## Hard drive

If you wish you can add a virtual hard drive to the new machine. You can either create a new hard drive file or select one from the list or from another location using the folder icon.

If you need a more complex storage set-up you can skip this step and make the changes to the machine settings once the machine is created.

The recommended size of the hard drive is **8,00 GB**.

☐ Do not add a virtual hard drive

☐ Create a virtual hard drive now

☒ Use an existing virtual hard drive file

Cloudera-Training-VM-4.1.1.c.vmdk (Normal)

g. Start the VM!



## Using VMWare

1. Download and install from [https://my.vmware.com/web/vmware/free#desktop\\_end\\_user\\_computing/vmware\\_player/6\\_0](https://my.vmware.com/web/vmware/free#desktop_end_user_computing/vmware_player/6_0)
2. Create the Virtual Machine:

- a. Click on 'Open a Virtual Machine' and, when prompted, navigate to the folder you unzipped the VM, choose the file and click 'Open'.



- b. Select the machine and click 'Play virtual machine'

## Cloudera-Udacity-Training- VM-4.1.1.c

**State:** Powered Off

**OS:** Other

**Version:** Workstation 5.x virtual machine

**RAM:** 1 GB

