



Big Data - VM Installation

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VirtualBox

- VirtualBox is a general-purpose full virtualizer for x86 hardware, targeted at server, desktop and embedded use
- Download VirtualBox from the following website:

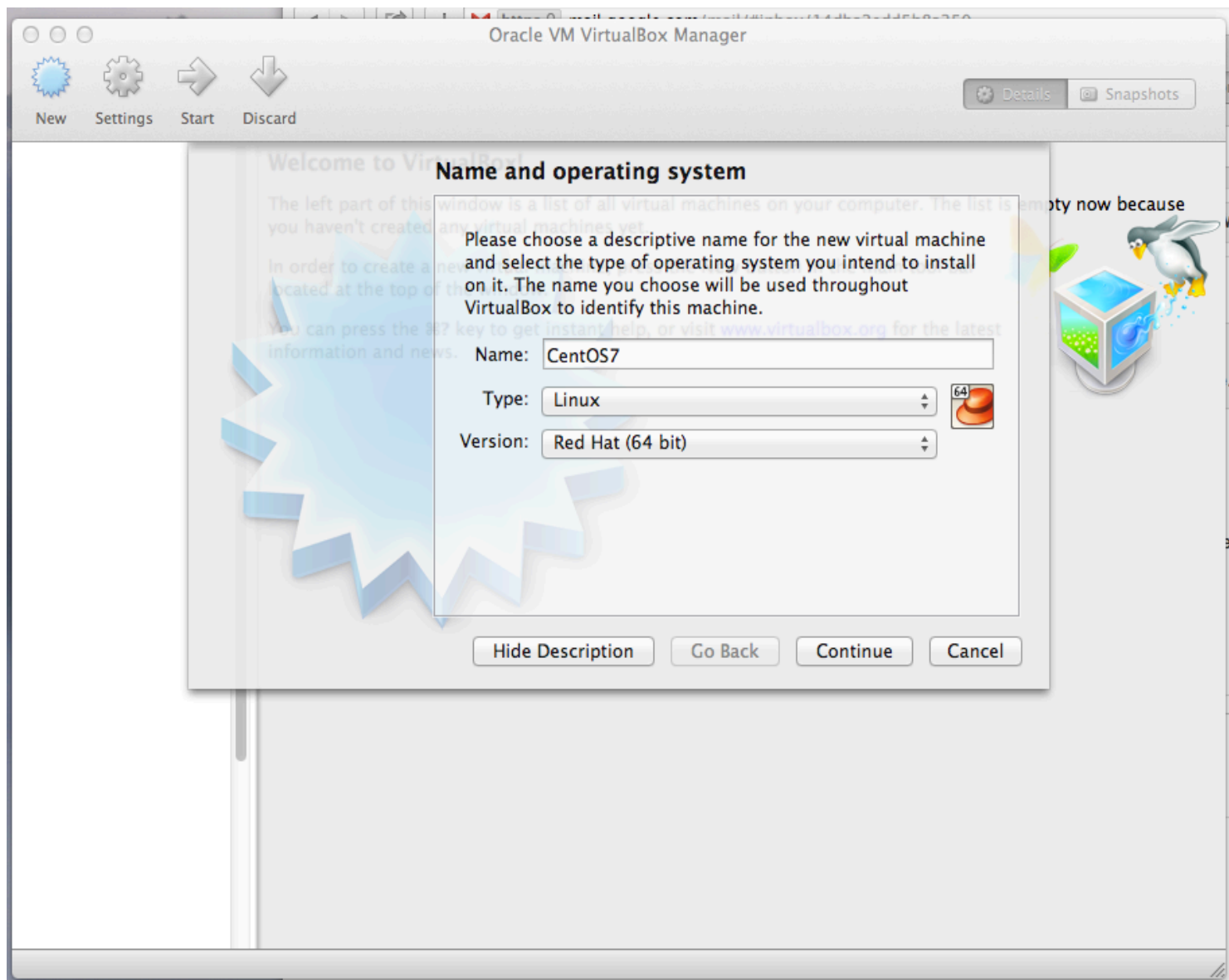
<https://www.virtualbox.org/wiki/Downloads>

Cent OS image

- Download the Cent OS image here:
 - <https://virtualboximages.com/CentOS>
 - Choose the 7.0 x86_64 Gnome version (or anyone else you like)
- Extract the .rar file to local storage
 - Should see a .vdi file with big size

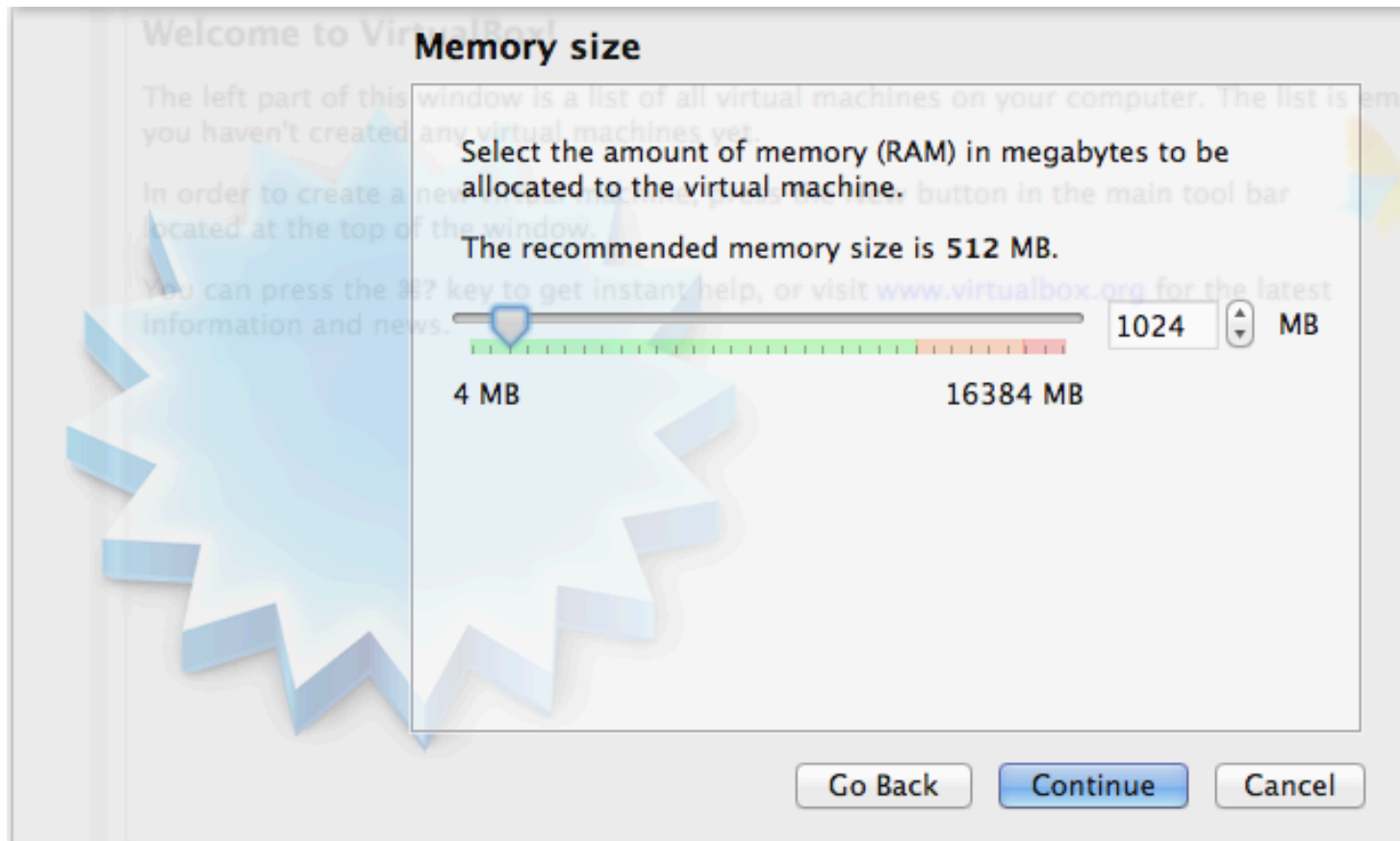
Load the VM

- Click “New”
 - ☐ Assign a name
 - ☐ Type is “Linux”
 - ☐ Version choose “Redhat 64”
- **NOTE:** if your laptop doesn’t support 64 bit, you need to download a 32 bit CentOS.
 - ☐ Any CentOS 6.4 or later version should be good.
 - ☐ Just modify my later steps to 32-bit correspondingly



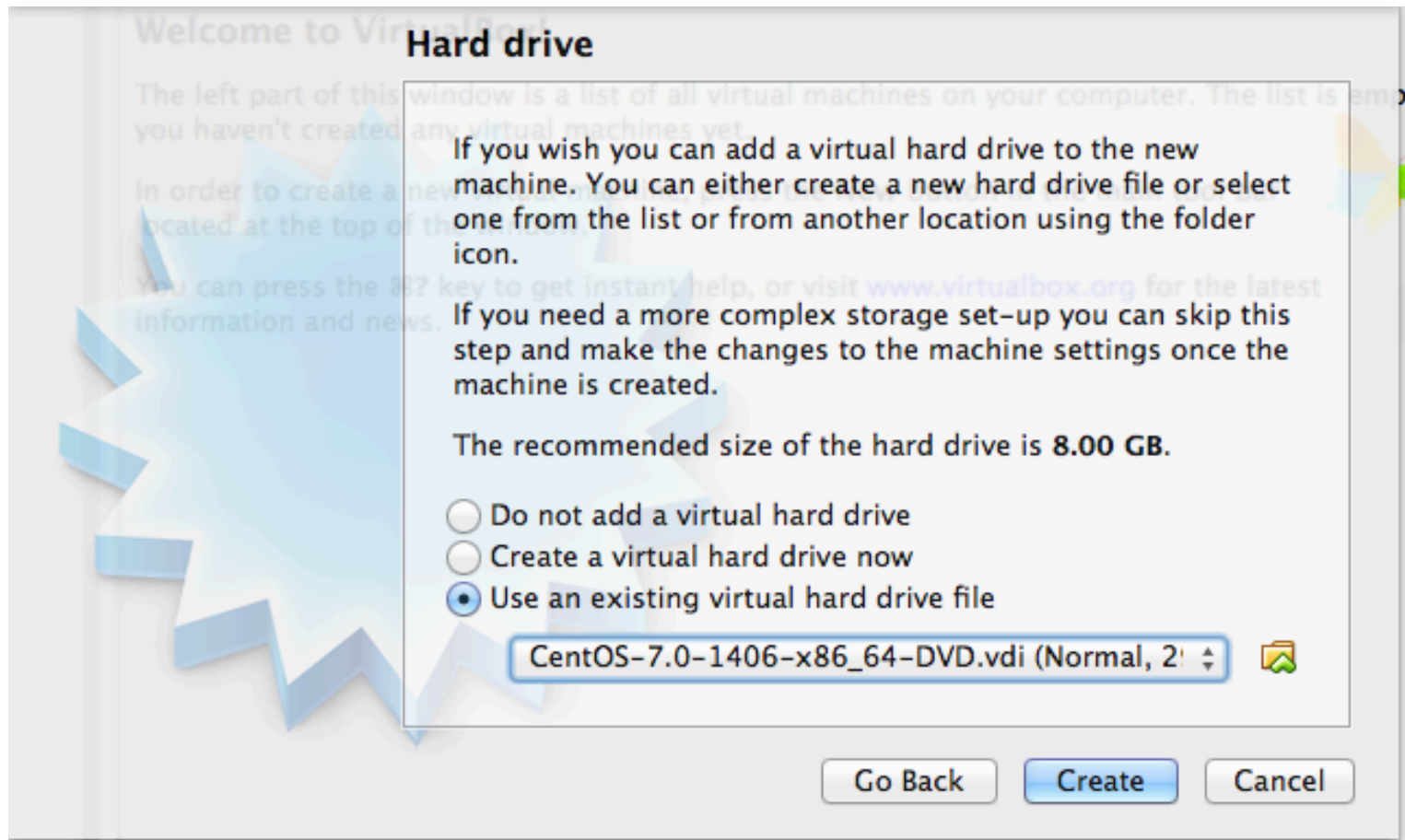
Load the VM(cont'd)

- Set Memory to 2G or more



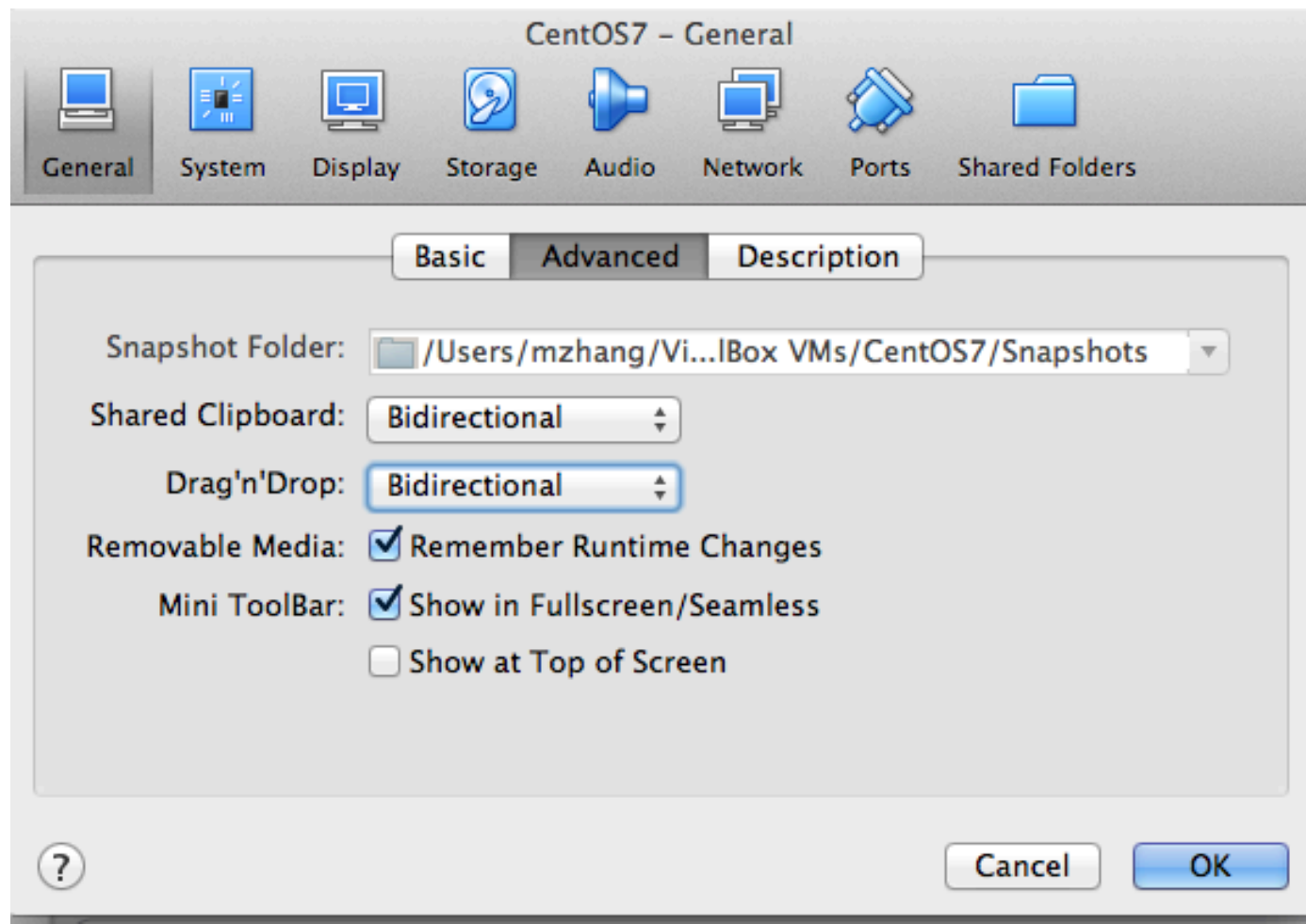
Load the VM(cont'd)

- Choose the existing .vdi file as the hard drive



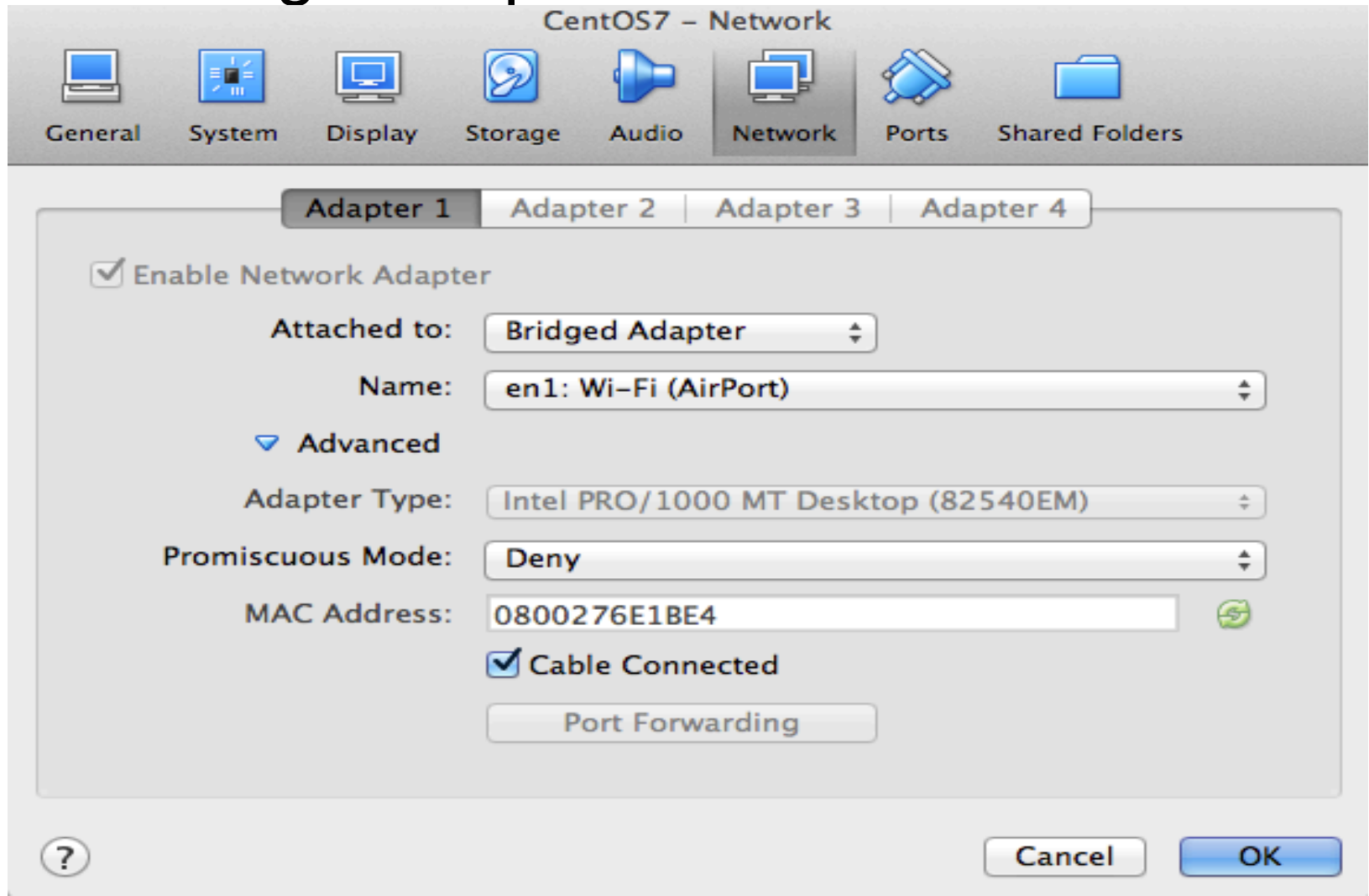
Setup clipboard

- Allow copy/paste between host and VM



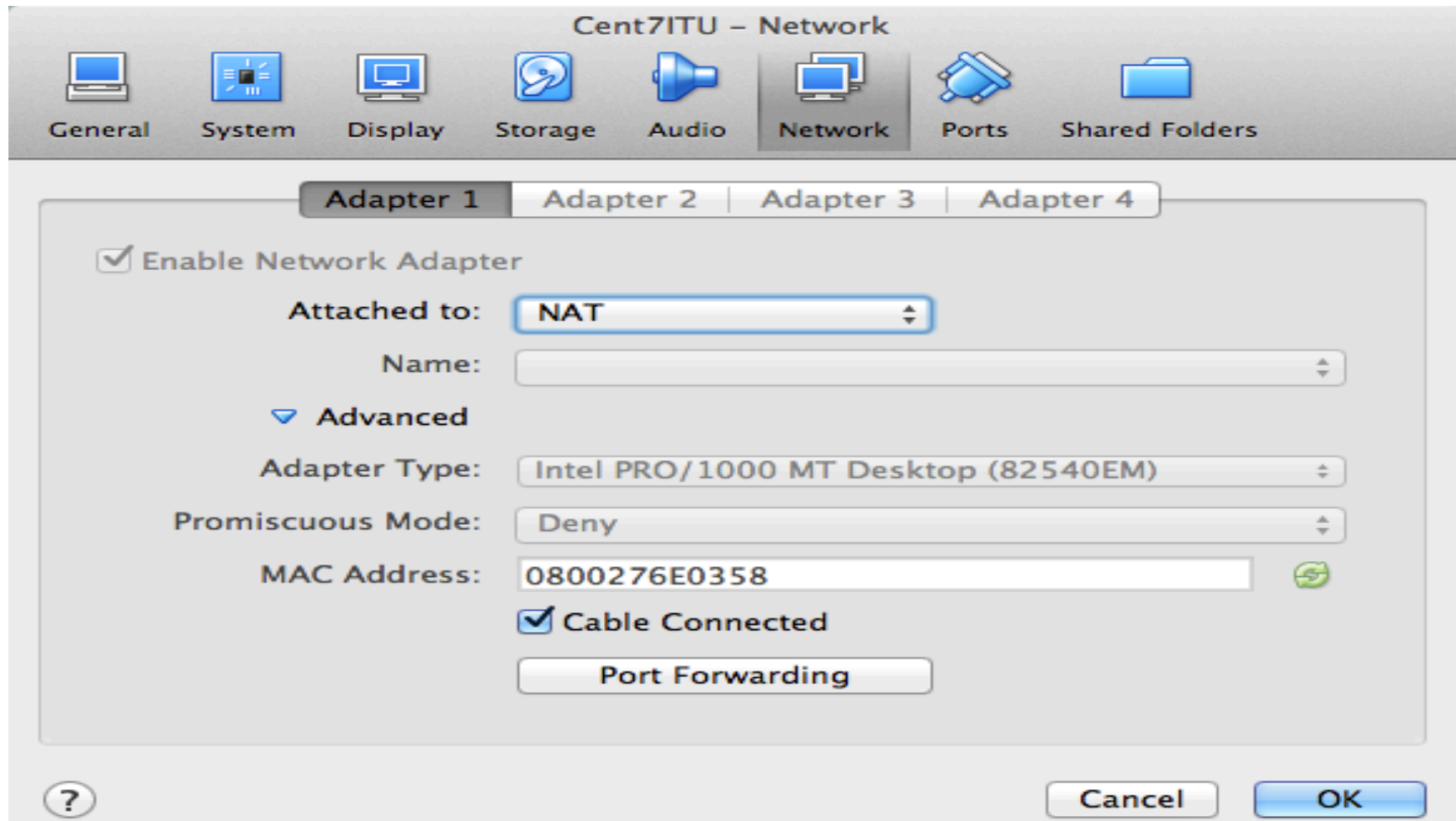
Setup network

■ Use Bridged Adapter



Setup Network

- If you run in ITU network, you may need to use NAT connection



Start the VM

- Click “Start” on the menu
- Login is adminuser/adminuser
- Right click on the desktop, and open a terminal
- In the following slides, fonts in *italic blue* are the code you need to enter into the terminal.