



International
Centre for
Radio
Astronomy
Research

Loading the Virtualbox virtual image



Curtin University



THE UNIVERSITY OF
WESTERN
AUSTRALIA



Government of Western Australia
Department of the Premier and Cabinet
Office of Science



File distribution

We'll be distributing the OVA file (virtual machine) using USB3.0 memory sticks.

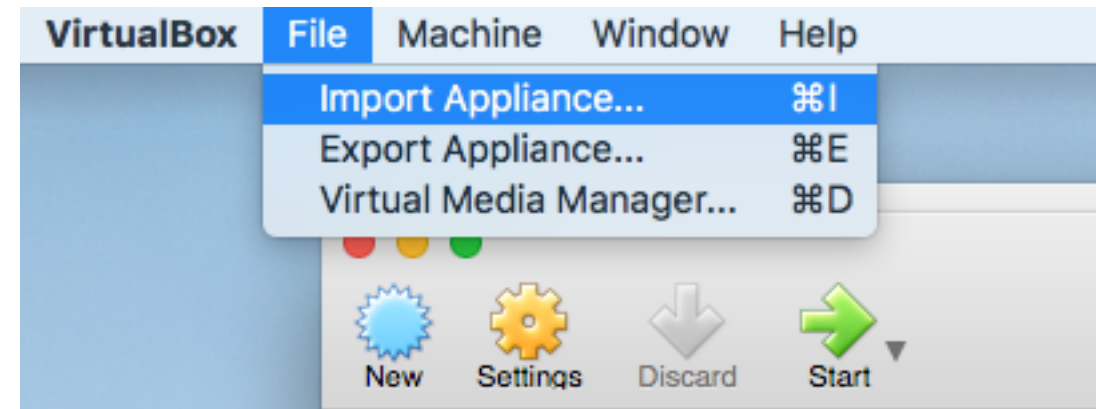
The memory sticks also contain the windows and OS X versions of Virtualbox. Each flavour of Linux has a different implementation so you guys will need to download a version for you flavour of Linux

Please pass on or return the memory sticks to Kevin, Rodrigo or Markus when you have finished.

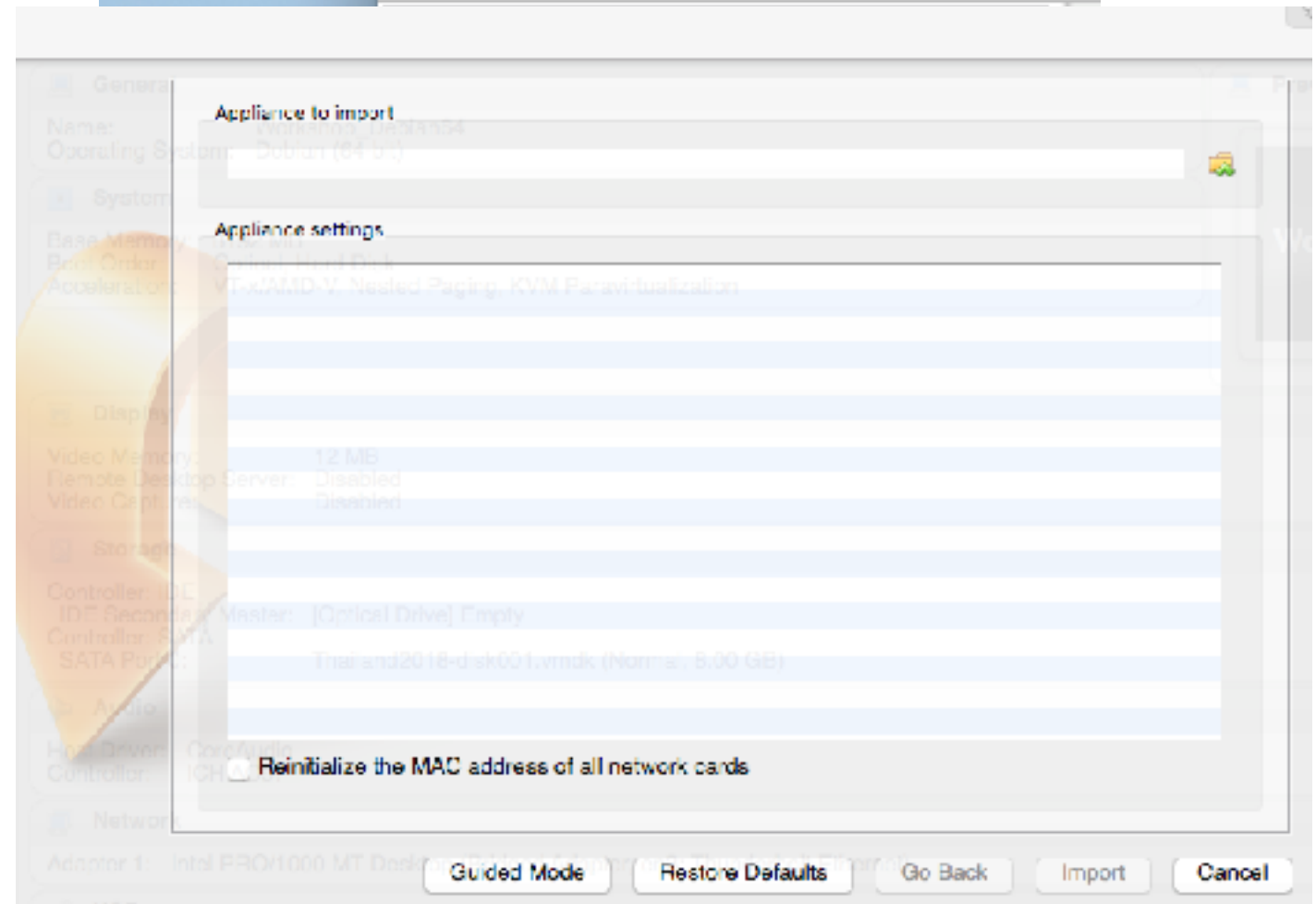


Import Appliance

Select Import Appliance from the File Menu

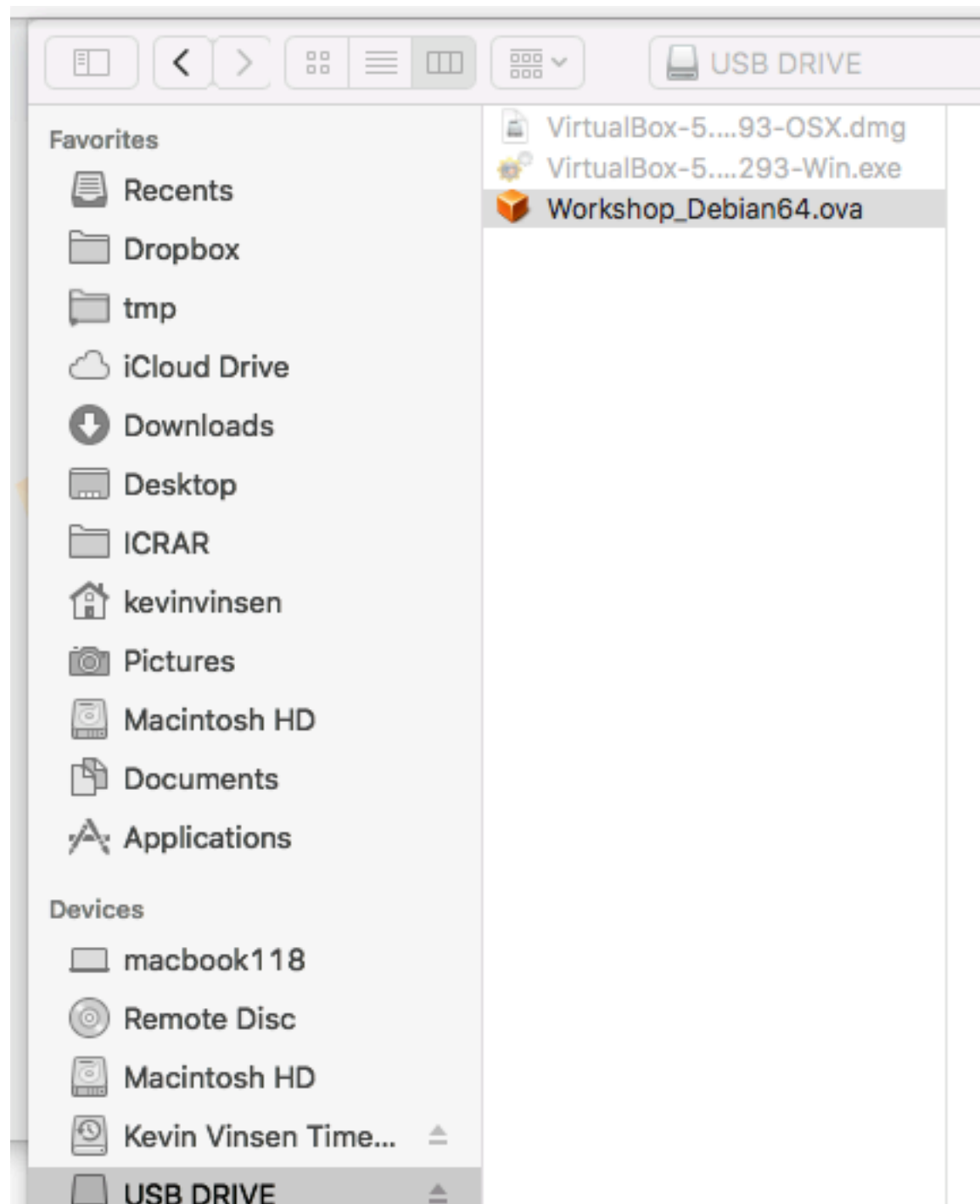


A dialog like this will appear





Select the OVA














Click Import

Appliance to import

/Volumes/USB DRIVE/Workshop_Debian64.ova

Appliance settings

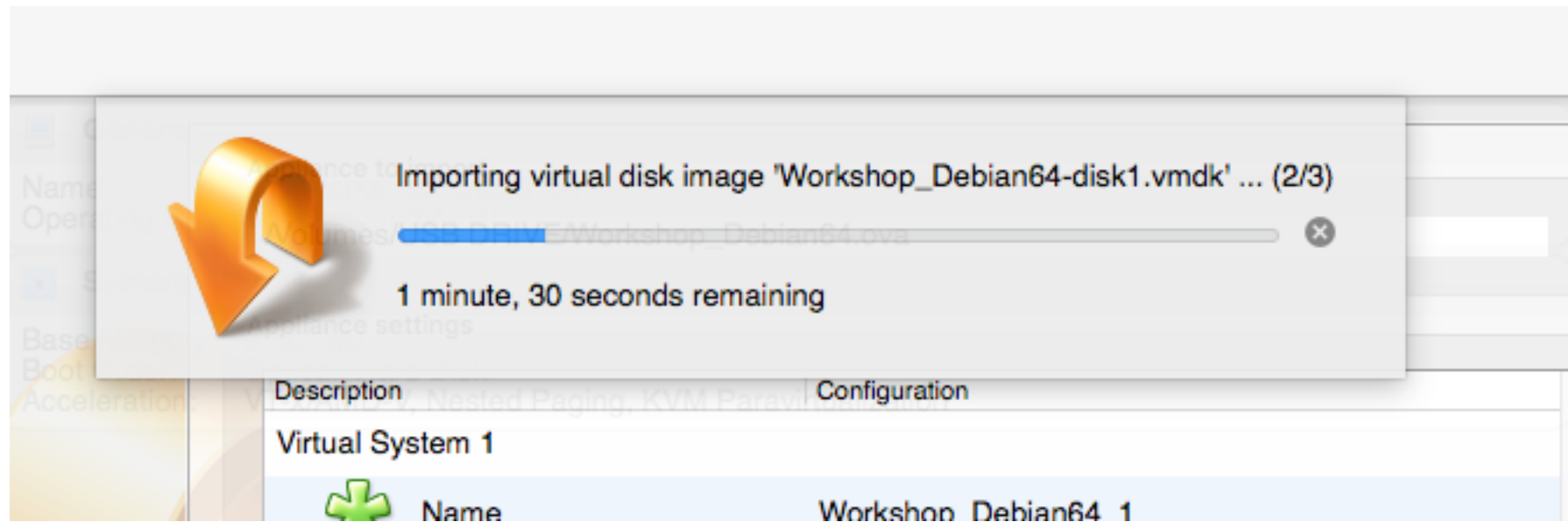
Description	Configuration
Virtual System 1	
 Name	Workshop_Debian64_1
 Description	DFAT Thailand HPC for Radio Astronomy 2018
 Guest OS Type	 Debian (64-bit)
 CPU	1
 RAM	8192 MB
 DVD	<input checked="" type="checkbox"/>  2018-disk001.vmdk (Normal, 8.00 GB)
 USB Controller	<input checked="" type="checkbox"/>

☐ Reinitialize the MAC address of all network cards

Guided Mode Restore Defaults Go Back **Import** Cancel



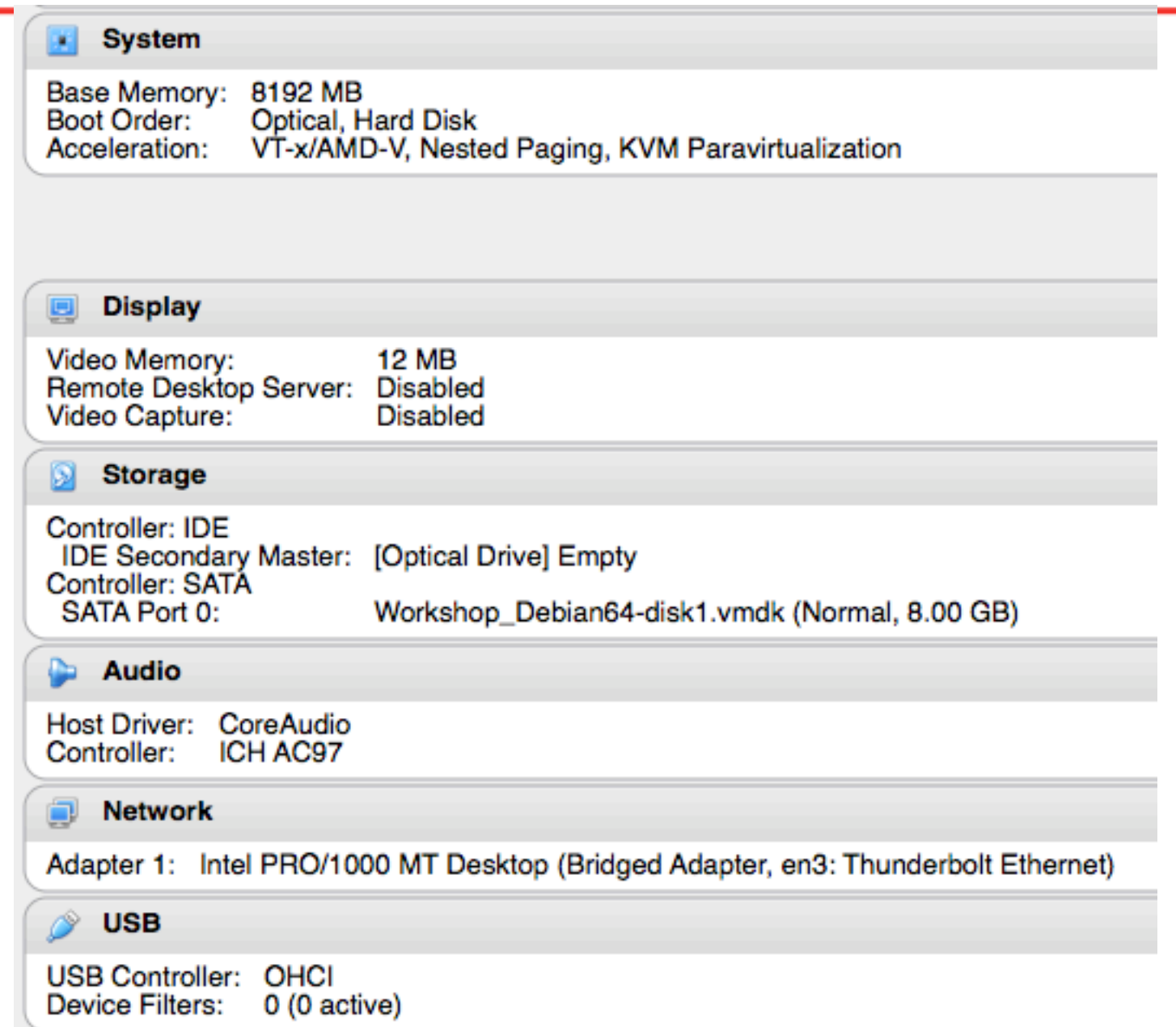
Be patient





Configure

Depending on your machine you may need to tweak the settings

A screenshot of a virtual machine configuration window, likely from Oracle VM VirtualBox. The window is titled 'System' and contains several sections for configuring the VM's hardware and software settings. The sections are: System, Display, Storage, Audio, Network, and USB. Each section has a list of settings that can be adjusted. The 'System' section shows Base Memory at 8192 MB, Boot Order as Optical, Hard Disk, and Acceleration as VT-x/AMD-V, Nested Paging, KVM Paravirtualization. The 'Display' section shows Video Memory at 12 MB, Remote Desktop Server as Disabled, and Video Capture as Disabled. The 'Storage' section shows Controller as IDE, IDE Secondary Master as [Optical Drive] Empty, Controller as SATA, and SATA Port 0 as Workshop_Debian64-disk1.vmdk (Normal, 8.00 GB). The 'Audio' section shows Host Driver as CoreAudio and Controller as ICH AC97. The 'Network' section shows Adapter 1 as Intel PRO/1000 MT Desktop (Bridged Adapter, en3: Thunderbolt Ethernet). The 'USB' section shows USB Controller as OHCI and Device Filters as 0 (0 active).

System

Base Memory: 8192 MB
Boot Order: Optical, Hard Disk
Acceleration: VT-x/AMD-V, Nested Paging, KVM Paravirtualization

Display

Video Memory: 12 MB
Remote Desktop Server: Disabled
Video Capture: Disabled

Storage

Controller: IDE
IDE Secondary Master: [Optical Drive] Empty
Controller: SATA
SATA Port 0: Workshop_Debian64-disk1.vmdk (Normal, 8.00 GB)

Audio

Host Driver: CoreAudio
Controller: ICH AC97

Network

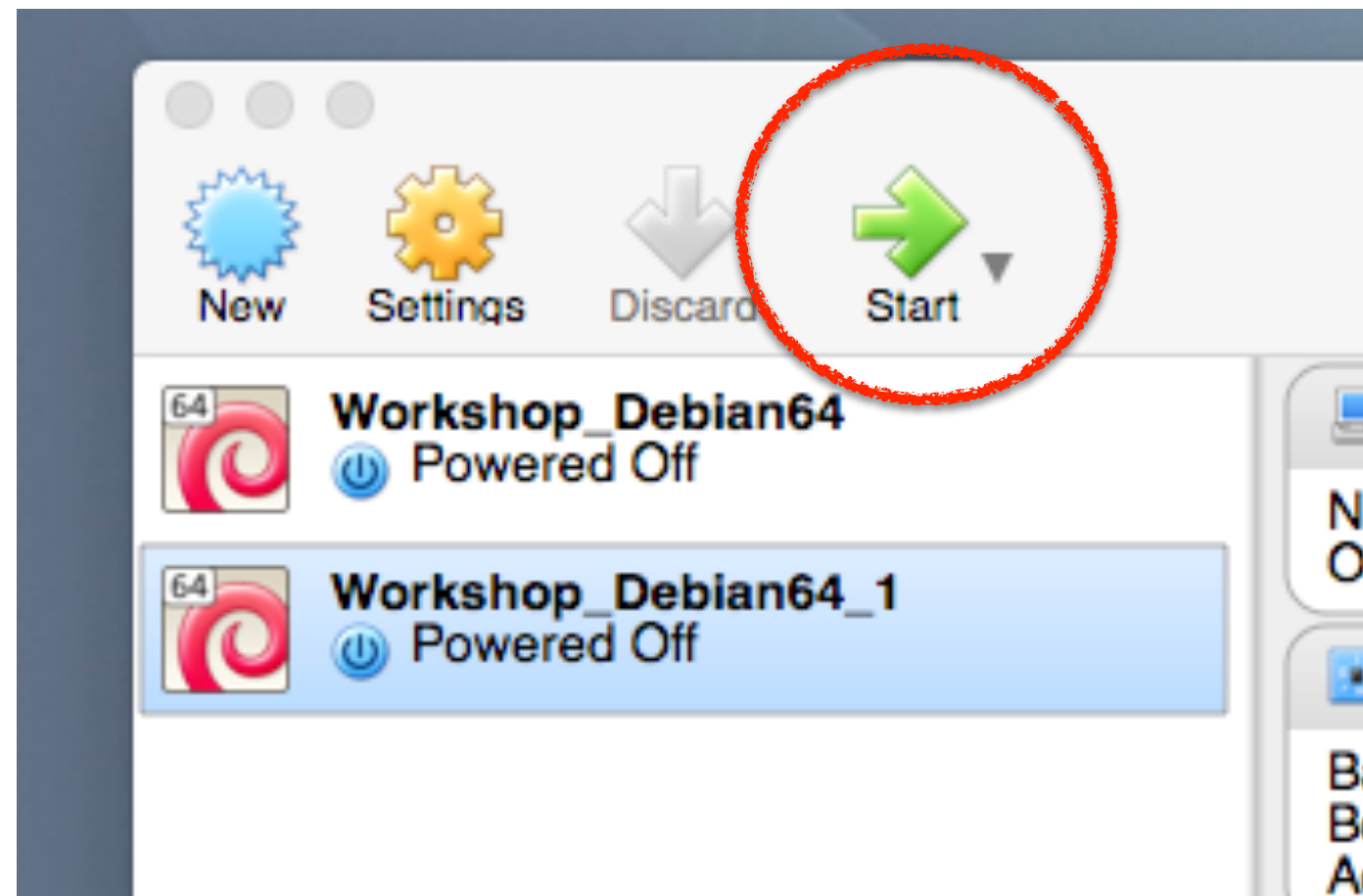
Adapter 1: Intel PRO/1000 MT Desktop (Bridged Adapter, en3: Thunderbolt Ethernet)

USB

USB Controller: OHCI
Device Filters: 0 (0 active)

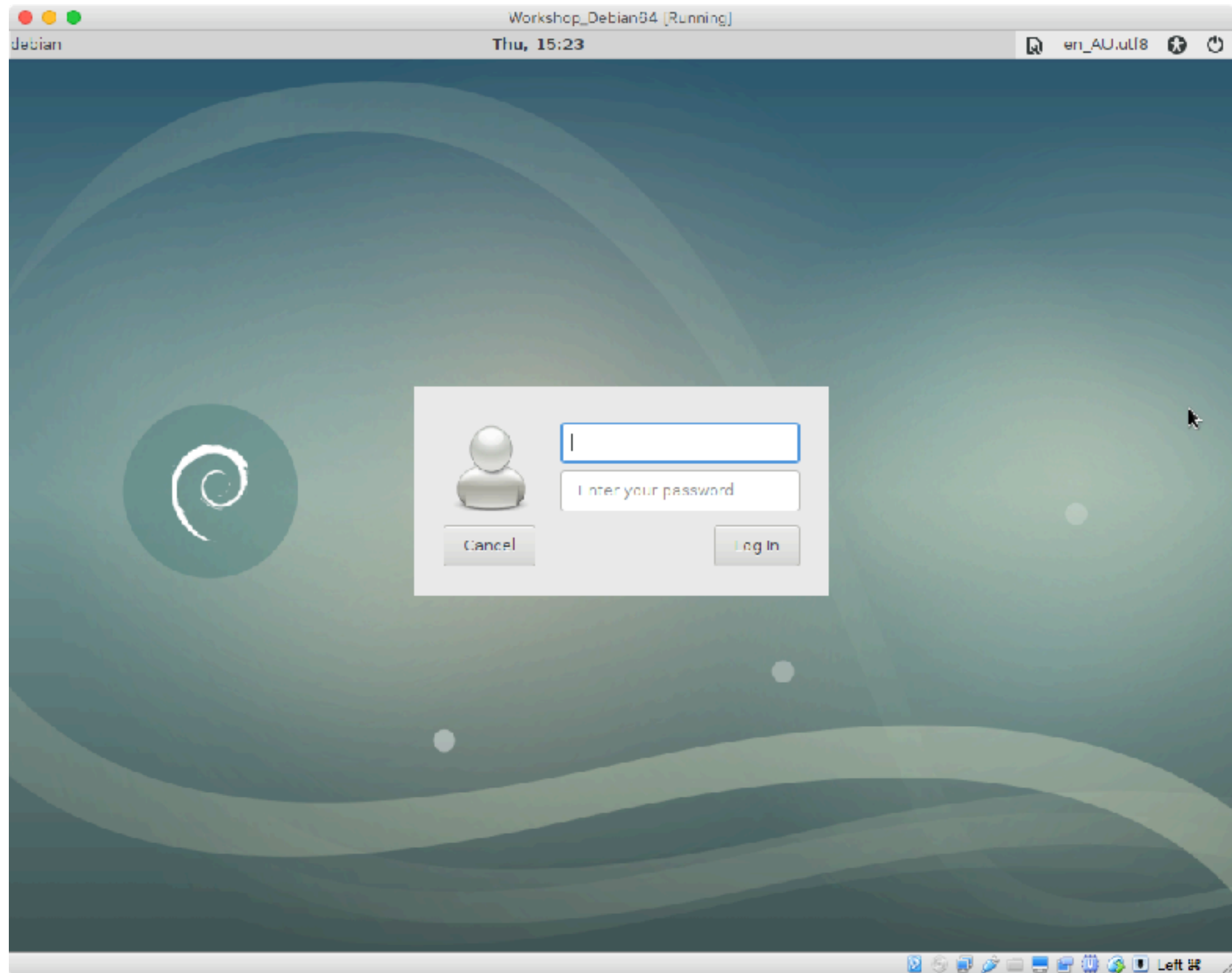


Start





Running





Users

Normal user

- username: user
- password: user

If you need the root user password ask



Return the USB

Please return the memory sticks to Kevin, Rodrigo or Markus when you have finished.