



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

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**We'll be distributing the ova (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 flatter of Linux**

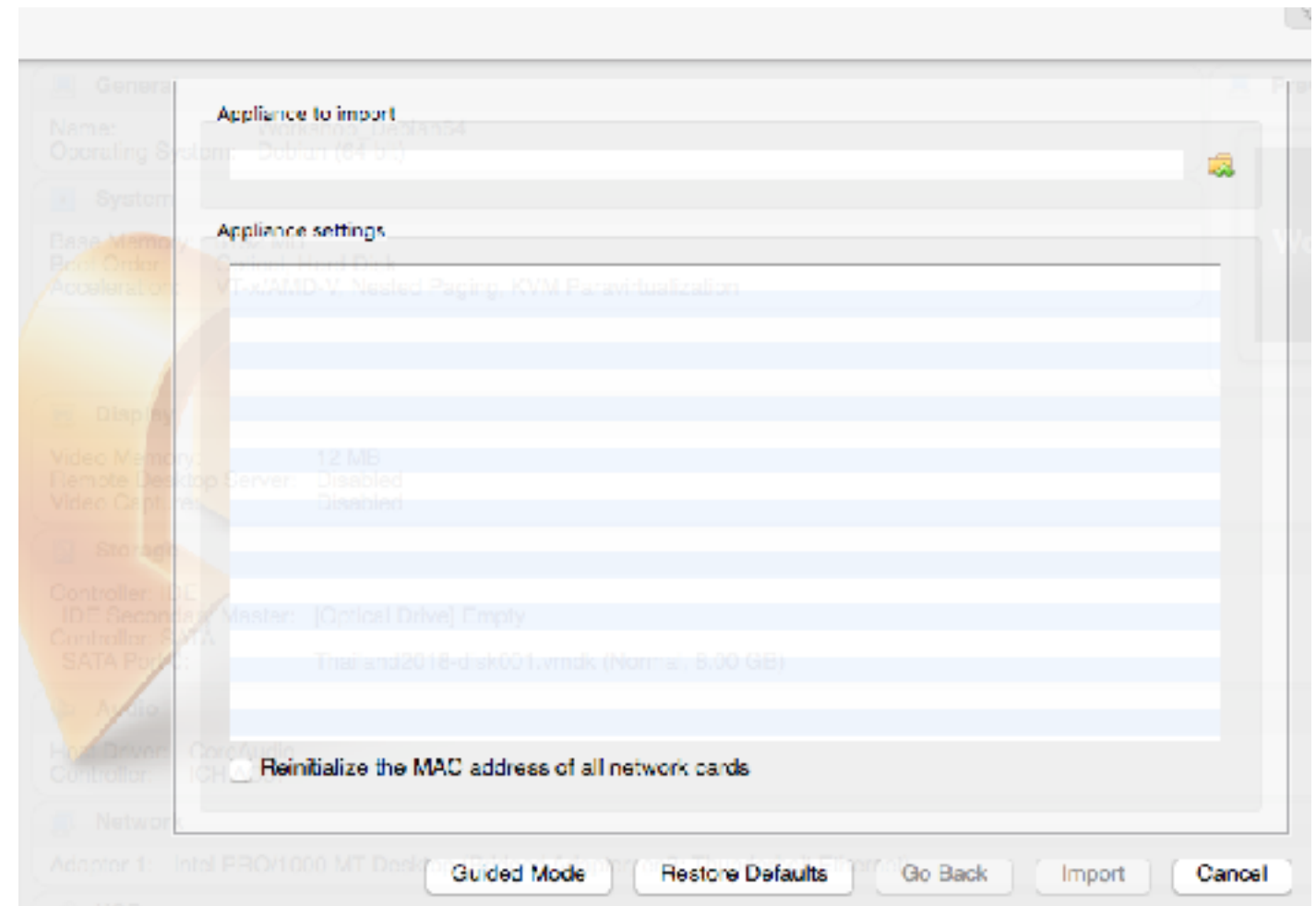
**Please return the memory sticks to Kevin, Rodrigo or Markus when you have finished.**



# Import Appliance

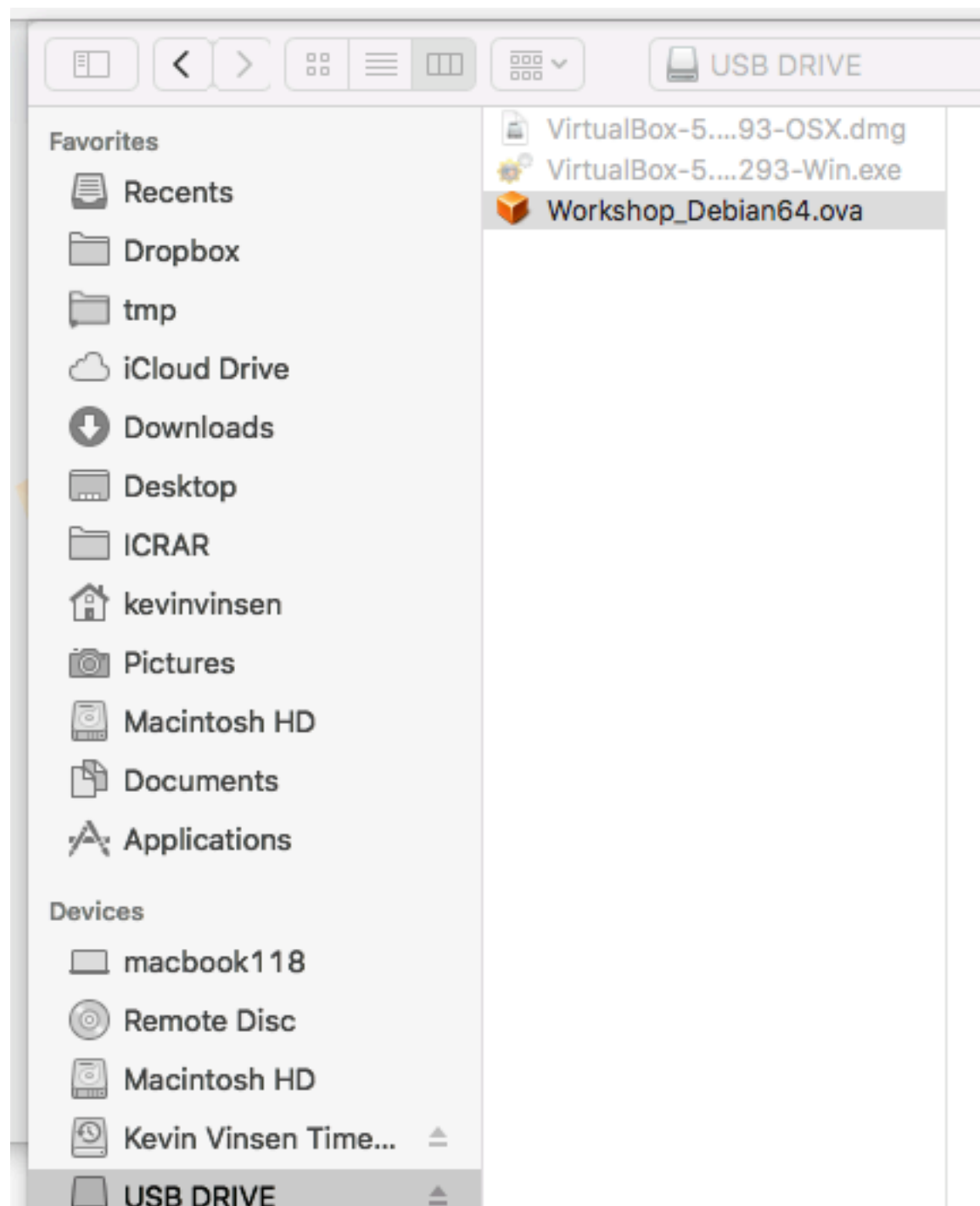
## Select Import Appliance from the File Menu

A dialog like this will appear





# Select the OVA













# Click Import

Appliance to import

/Volumes/USB DRIVE/Workshop\_Debian64.ova

Appliance settings

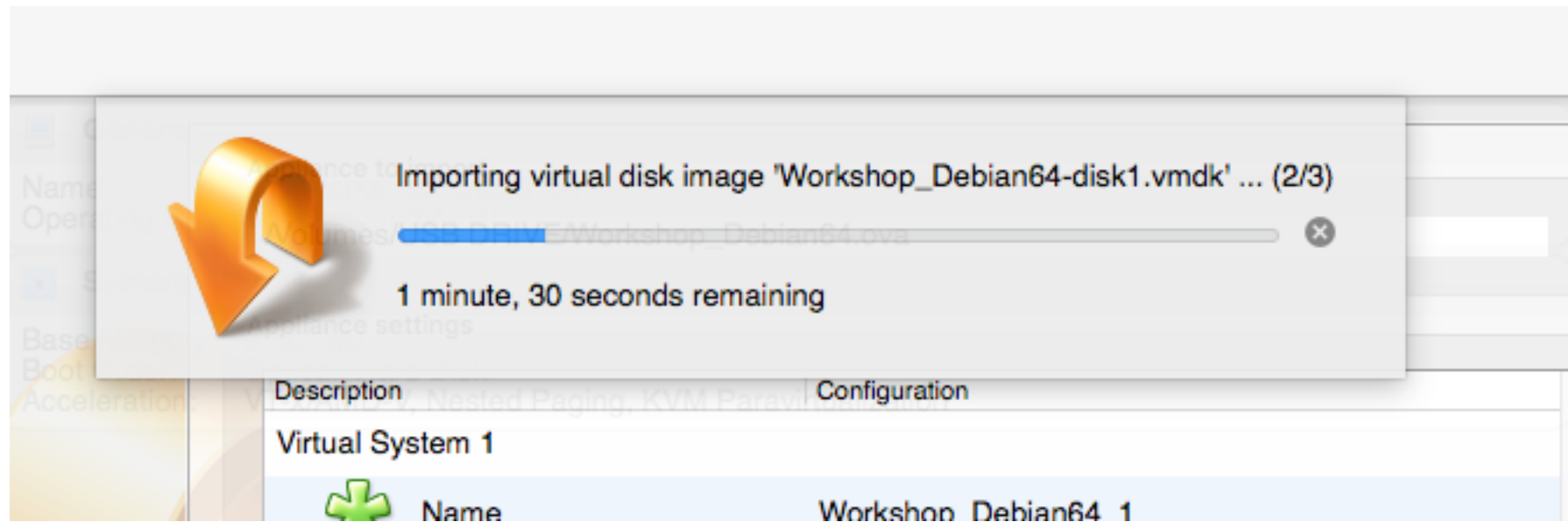
Description	Configuration
Virtual System 1	
 Name	Workshop_Debian64_1
 Description	DFAT Thailand HPC for Radio Astronomy 2018
 Guest OS Type	 Debian (64-bit)
 CPU	1
 RAM	8192 MB
 DVD	<input checked="" type="checkbox"/> <small>2018-disk001.vmdk (Normal, 8.00 GB)</small>
 USB Controller	<input checked=""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

☐ Reinitialize the MAC address of all network cards

Guided Mode Restore Defaults Go Back Import Cancel



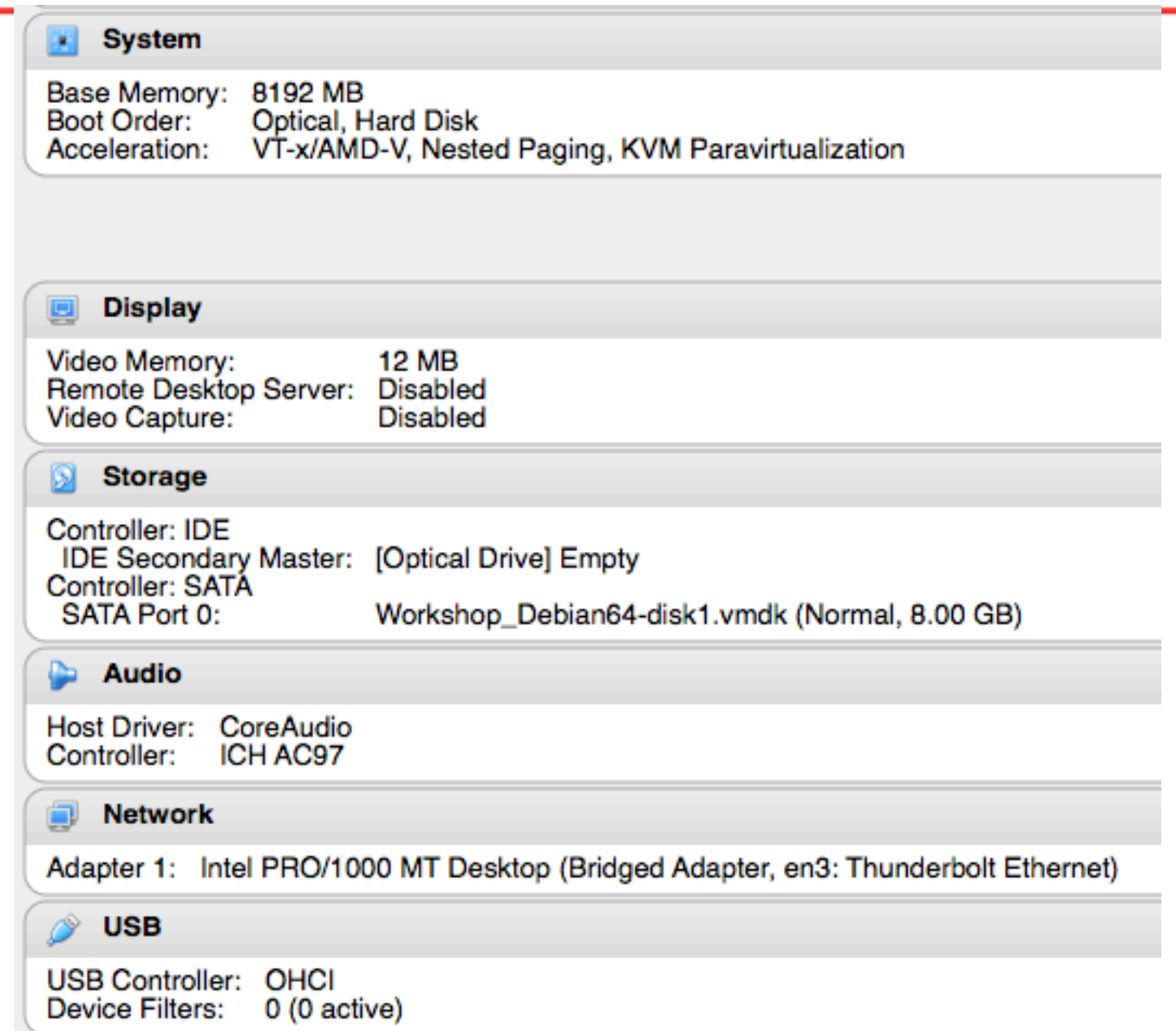
# Be patient





# 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 expandable sections: System, Display, Storage, Audio, Network, and USB. Each section has a small icon to its left. The 'System' section is currently expanded, showing details about memory, boot order, and acceleration. The 'Display' section shows video memory and remote desktop settings. The 'Storage' section shows the IDE and SATA controllers and their attached drives. The 'Audio' section shows the host driver and controller. The 'Network' section shows the network adapter. The 'USB' section shows the USB controller and device filters.

**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)

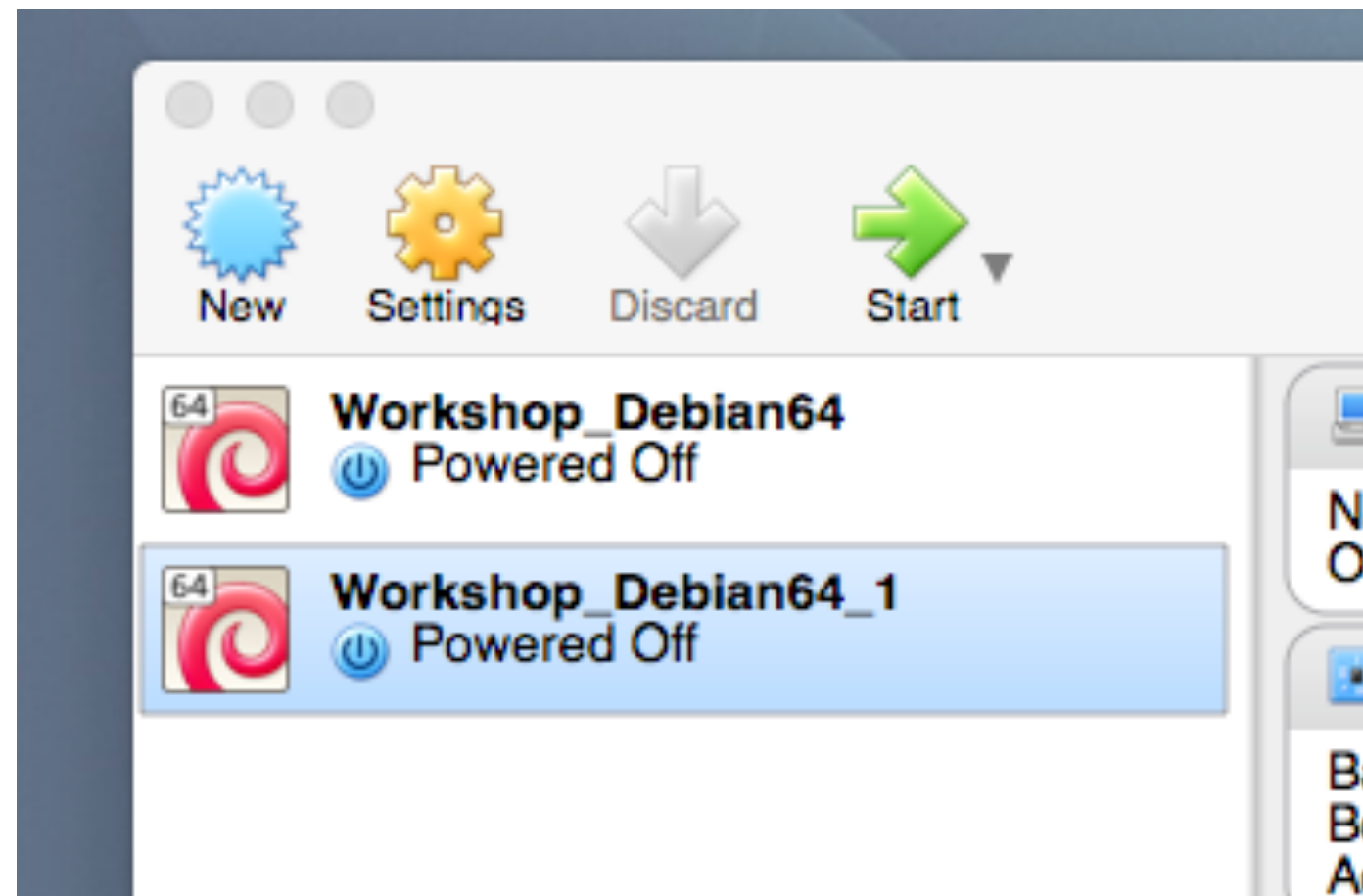
**USB**

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





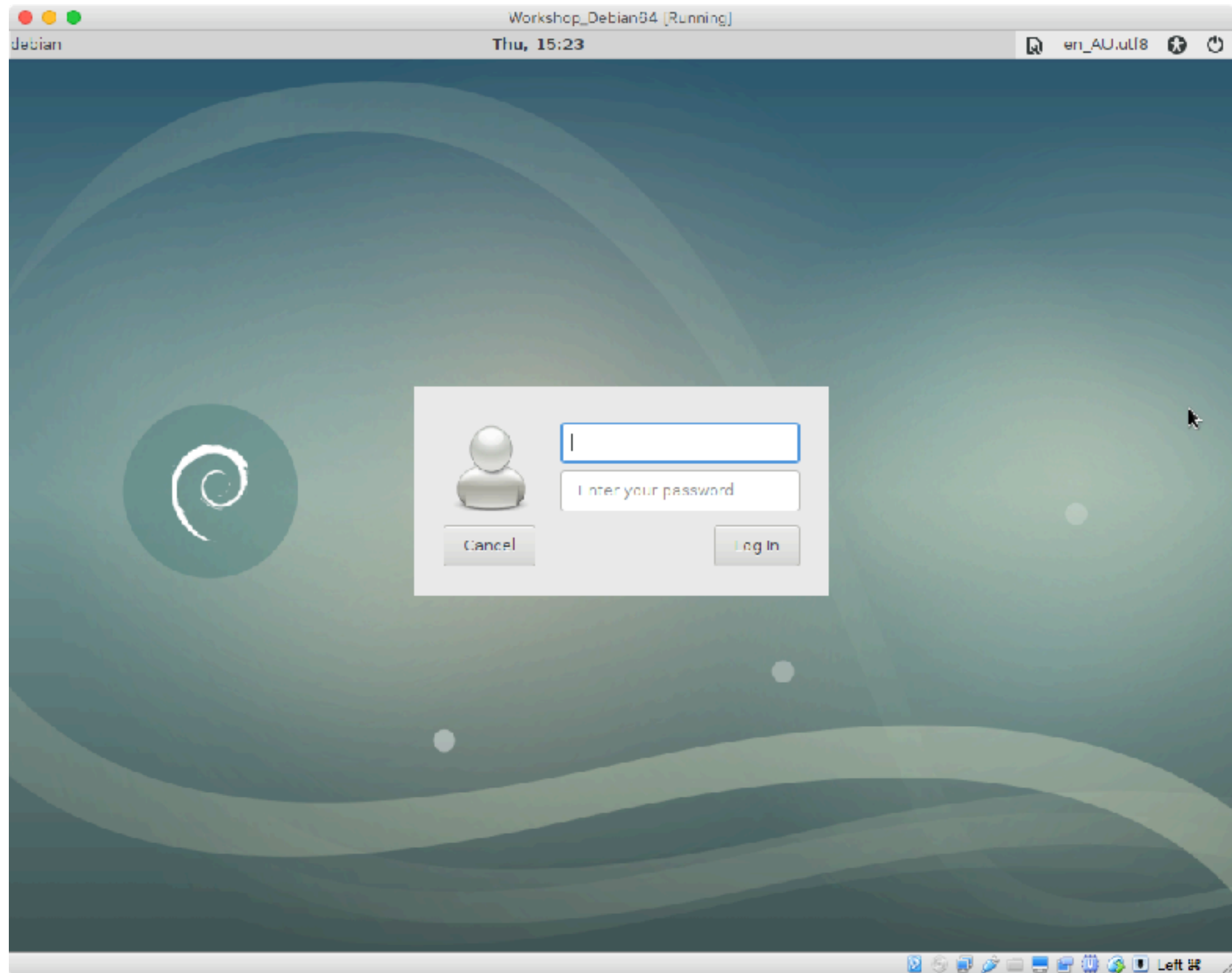
# Start







# Running





# Users

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## Normal user

- user/user

## Root user

- root/root



# Pass on or return the USB

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