**Common VM Installation Instructions**

**Schmid College of Science and Technology**

**Chapman University**

Introduction

Throughout the computer science and mathematics curriculum at Chapman, students will make extensive use of industry-standard software development and scientific computing tools. Because most students prefer to use their personal machines for their coursework, as opposed to lab computers, we have put together virtual machines that package these tools into an easily maintainable, portable, development environments. The intention is to provide the same look and feel of development environments across courses, and across the variety of operating systems students and faculty run on their personal computing platforms.

Installation Steps

1. Log into the Chapman Computer Science DreamSpark site, where you can download a variety of software packages at no charge. The URL is:

[https://e5.onthehub.com/WebStore/Welcome.aspx?ws=3d1bf375-c89b-e011-969d-0030487d8897](https://exchange.chapman.edu/owa/redir.aspx?SURL=Uw6RSAceouZ6IEovh4SICxNMZtGFgu8SUsR4MpCdS99FBPPxW6bSCGgAdAB0AHAAcwA6AC8ALwBlADUALgBvAG4AdABoAGUAaAB1AGIALgBjAG8AbQAvAFcAZQBiAFMAdABvAHIAZQAvAFcAZQBsAGMAbwBtAGUALgBhAHMAcAB4AD8AdwBzAD0AMwBkADEAYgBmADMANwA1AC0AYwA4ADkAYgAtAGUAMAAxADEALQA5ADYAOQBkAC0AMAAwADMAMAA0ADgANwBkADgAOAA5ADcA&URL=https%3a%2f%2fe5.onthehub.com%2fWebStore%2fWelcome.aspx%3fws%3d3d1bf375-c89b-e011-969d-0030487d8897" \t "_blank)

You should have received an email to your Chapman account with your login credentials. However, if you need login credentials, please email Dr. Linstead with “DreamSpark” in the subject line.

2. Once you have logged into the webstore, click on the VMWare tab. PC users will want to download VMWare Player. Mac users will want to download VMWare Fusion. As part of the checkout and download process you will be provided with a serial number. Make sure to make note of it, as this will serve as the license key when you install VMWare.

3. Install the VMWare product you downloaded in step 2.

4. Download the common virtual machine instances. They are available at:

<http://mathcs.chapman.edu/software>

You will see virtual machine archives (zip files). Specifically, there are virtual machines for CentOS Linux and Windows 10. For most courses you will use the Linux VM. The Windows 10 VM will be used in CPSC 236 and CPSC 408.

After downloading the zip file, extract the content to an easily accessible directory on your machine. (The “Virtual Machines” directory created by VMWare is recommended.)

5. Open VMWare Player or Fusion. If you click on File->Open you can navigate to the directory where you extracted your virtual machine(s). Select the virtual machine you want to open.

6. You should now be able to run the virtual machine. One the machine has started, you will be given a login screen. The password for the default account is “CPSC”. This is also the password for root/admin.

7. If you can successfully log into the default account, you are good to go!

**Revision History**

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| August 16, 2015 | Linstead | Initial draft |
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