**Lab 2 Homework (85 points)**

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1) What is Docker and what is its purpose (6 points)?

2) Assume you are installing Windows Server 2012. Provide two reasons for selecting one version over another. For example, **why** would you want to install the Foundation edition over the Datacenter edition? Why would you want Standard over Essentials? (10 points)

3) You needed to install VMware Tools on your VMs. What is the purpose of VMware Tools? (4 points)

4) Remember back to your Linux days. Assume that you want to skip loading the GUI and boot directly to a command line interface in Ubuntu. Which runlevel should you set Ubuntu to boot to? (5 points)

5) Look over some of the available roles that Windows Server 2012 provides. Select **two** and **describe** their purpose. (10 points)

6) What is the purpose of the swap and root partitions in Linux? (10 points)

7) What is **ufw**? Why did we need to **allow 22**? (10 points)

8) Add the following information from your VMs (30 points)

1. Your **computer name** after you changed it in Windows Server
2. Your **IP address** for Windows Server
3. Your **IP address** for Ubuntu