**COMP-1295 Information Systems**

**Operating Systems Online Competency Check**

Your instructor will designate a marking period and you will be asked to make an appointment to complete your Online Competency Check.

Since the marking time for the competency check is limited, please ensure that you have all necessary virtual machines running before attending your meeting. Your time will not be increased in order to allow you to start machines.

To complete the Operating Systems Online Competency Check be prepared to demonstrate the following:

* Virtual Box running
* Windows 10 and Debian 10 virtual machines running
* Two correctly formatted drives added to the Windows machine
* Various tasks on each of the operating systems (as discussed in class)
  + Update
    - Winows : windows update settings
    - Debian : apt-get update (packages) / apt-get upgrade (os)
* Research and install the necessary packages in Debian to be able to run. Be prepared to demonstrate these commands

|  |  |
| --- | --- |
| **Command** | **Package installed** |
| nslookup | apt-get install dnsutils |
| sudo | apt-get install sudo |
| whoami | apt-get install coreutils |
| ifconfig | apt-get install net-tools |

nslookup find out the corresponding IP address or domain name system (DNS) record.

Sudo "super user do" and is a Linux command that allows programs to be executed as a super user (aka root user) or another user

Whoami: allows Linux users to see the currently logged-in user.

Ifconfig: configure, or view the configuration of, a network interface.