Systems Administration

Year 2 // Semester 1

**Project Document**

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**Link to screencast:** *https://www.youtube.com/watch?v=Im9oxoC5su8&ab\_channel=MatZ*

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| **INSTRUCTIONS FOR COMPLETION:**   1. Rename this document by substituting out *FirstNameLastName* with your own. 2. Enter your name, student number and link to your screencast in the fields provided on the cover page. 3. Complete all tasks under *labuser* (NOT root). 4. You should not add written descriptions or step by step guides as to how you setup the services and script. You are required to paste in relevant screenshots only and write image captions were necessary. 5. Make sure the specific VM and the path/filename of config files can be clearly identified i.e., if a file location is not identifiable from the screenshot itself then add a written caption underneath the screenshot in this document. For example; /etc/vsftpd/vsftpd.conf 6. Submit your project document to the relevant project submission link on Blackboard before the specified deadline*.* 7. **Warning** - You are not permitted to access your virtual machines AFTER your submission to Blackboard (before the specified deadline). Access to VMs after submission may result in a grade of zero. |

**Samba**

In the box provided below, paste screenshots (with the name of your VM visible) of relevant Samba configuration files after you edited them AND screenshots that clearly demonstrate the service working across your VMs (show file sharing between the Linux Server and Windows Client using the allusers shared directory).

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**SSH**

In the box provided below, paste screenshots (with the name of your VM visible) of any relevant SSH configuration files after you edited them AND screenshots that clearly demonstrate the service working across your VMs.

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**Shell Script**

In the box provided below, paste screenshots (with the name of your VM visible) of any relevant configuration files after you edited them AND screenshots that clearly demonstrate all the functionality of your script (or your attempt).

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| A screenshot of a computer  Description automatically generatedA screenshot of a computer  Description automatically generatedA screenshot of a computer  Description automatically generated  <https://unix.stackexchange.com/questions/251005/automatically-redirect-output-to-dev-null>  <https://access.redhat.com/discussions/4800351> |

**Miscellaneous VM screenshots**

In the box provided below, paste screenshots (with the name of your VM visible) of results of the commands listed below per VM. The time at which you capture these screenshots should be after you have finished configuring your services and script. Make sure the screenshot captures the actual command you entered to receive those results.

**On the Linux Server:**

sudo firewall-cmd –list-all

**On the Linux Client:**

sudo firewall-cmd –list-all

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