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**CIT6314-T2430 – Lab 4 – Working around a Linux server 2**

You can take a screenshot of your terminal as your solution, together with the **list of commands** or **script**. Show your final outputs (**screenshots**).

Marks are allocated based on the rubrics below. Each question is allocated **1 mark**, total marks will be normalized to **4 marks**.

Please upload this document to **eBwise** in **PDF format**. **Late submissions** will not be accepted and graded. Please take note of the deadline and the deadline follows **eBwise’s system’s time**, not your PC’s time. Do submit early in and don’t take the risk of being cut off from the submission.

Rubrics:

|  |  |  |
| --- | --- | --- |
| No evidence  0 mark | Average  0.5 mark | Good  1 mark |
| No evidence of solution; or wrong solution regardless of outputs shown. | Partially correct or incomplete solution regardless of outputs shown; or correct solution but wrong or no outputs shown. | Correct and complete solution, with all outputs shown. |

1. Find all files under the /var/spool directory that are owned by users other than root and display a long listing of them

sudo find /var/spool -not -user root -type f -exec ls -l {} \;

A screenshot of a computer

Description automatically generated

1. Use the sudo command to create a file called /mnt/test2xxxx.txt, where xxxx are your initials. Verify that the file is there and owned by the root user.

sudo touch /mnt/test2DY.txt (to create file)

ls -l /mnt/test2DY.txt (to verify the file)

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1. Search the YUM repository for the package that provides the mogrify command.

sudo yum provides \*/mogrify

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1. Install the package containing the mogrify command.

I’ve encountered error if I didn’t install EPEL beforehand.

sudo yum install epel-release (Installing EPEL)

sudo yum update (update the repository cache)

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sudo yum provides \*/mogrify

sudo yum install ImageMagick

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1. Look through the changelog of the package that provides the mogrify command.

rpm -q ImageMagick (to verify if ImageMagick is installed)

rpm –q –changelog ImageMagick (to view changelog)

A screenshot of a computer program

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