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Linux Administration

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Security Scripts pt.1 Ubuntu

All of my comments are in the CentOS file I just separated the two for better readability.

First I installed inotify-tools with sudo apt-get install inotify-tools and then enter y to confirm. That’s all you need to do to install it.

Text

Description automatically generated

1 & 2 I transferred over my files using winscp then I made them executable with chmod +x



Then I ran the security script to make sure it works on ubuntu.

A picture containing graphical user interface

Description automatically generated

Graphical user interface, text, application

Description automatically generated

And it works perfectly!

3.Then I made the other file executable with chmod +x



Then I opened a new terminal with ctrl + alt + f2 and logged in. Then I ran the Monitor script and made a file called coolfile.txt to test if it catches the edits.

A picture containing rectangle

Description automatically generated

Text

Description automatically generated

It worked, the first 4 lines are because I forgot to add sudo to the command but it still saw my attempt at editing anyway.

Then I ran the stat /usr/sbin/coolfile.txt to see who edited the file

Text

Description automatically generated

Sources:

<https://linuxhandbook.com/linux-login-history/>

[Reviewing logins on Linux | Network World](https://www.networkworld.com/article/3263752/reviewing-logins-on-linux.html)

[Linux audit files to see who made changes to a file - nixCraft (cyberciti.biz)](https://www.cyberciti.biz/tips/linux-audit-files-to-see-who-made-changes-to-a-file.html)

[Linux Filesystem Events with inotify | Linux Journal](https://www.linuxjournal.com/content/linux-filesystem-events-inotify)