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Lynis for ubuntu

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Lynis is an audit tool that allows you to scan your system and its security defenses. The first thing I did was install Lynis, to do so I switched into root by using **su – root.** Once I was in root I then used the command **sudo apt-get install lynis** this allowed me to install the Lynis audit tool.

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After the Lynis installation is complete I then ran the Lynis command that allowed me to scan the system. The command that I used was **lynis audit system,** this command allows me to scan the system and its security defenses.

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While running the command I found interesting things about my ubuntu server. One thing that I found was the boot and services, I noticed that most of these services are not secured. I also found the software firewall such as iptables kernel module and other firewall rules. I noticed I had an empty ruleset warning meaning I have no rules active for the firewall. I then found logging and files status. In the logging and files, I noticed that it checks for deleted files and looking at my status it had looked for deleted files. I also looked at the Networking and everything seemed to be okay there wasn’t any unusual protocol. Lastly, I looked at my warning section, in the warning section I only had to issue which was the iptables modules loaded, but no rules active and the other issue was that lynis found one or more vulnerable packages. Moving forward with this server I plan on improving by making sure I take care of the two warnings that I have which is making sure I don’t have anymore vulnerabilities in my packages and also making sure that my ip tables rules are active and running and I also plan on making sure that most of these services are secured instead of being exposed and unsafe.

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