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Linux Administration

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Ubuntu and CentOS 64-Bit Repositories

To look at all of the repositories on your CentOS virtual machine use the command: “sudo dnf repolist all” and if you just want to look at the repo lists you have enabled you would use the command: “sudo dnf repolist”.

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Alright now to download new repositories you can use the command: “sudo dnf config-manager --add-repo repository\_url” and repository\_url being the url of the repository you want to install. Also, after you install the repository you will then have to enable it by using a similar command: “dnf config-manager –set-enabled repository\_url”.

It’s not too hard to install repositories on your CentOS machine the biggest thing is just making sure the repository is compatible with your VM and from a trustworthy source.

Now for your Ubuntu VM, first you can use the command grep ^[^#] /etc/apt/sources.list /etc/apt/sources.list.d/\* to look at all of the default repositories on your Ubuntu virtual machine.

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Not only can you look at all of the repositories, but you can also add some more with the command: “sudo apt-add-repository repository\_url”. Of course, you would replace the repository\_url with the actual url for the repository that you would like to install. Overall, the biggest thing to watch out for is what I mentioned earlier, and that’s making sure the repository is compatible with your machine and from a trusted source.

Lastly, you can add a ppa repository to your virtual machine which are repositories that can be made by anyone, and to add one you can use the command: “sudo apt-add-repository ppa:(user)/(repository)”, but a thing to be wary about is that some of these repositories can only be compatible with certain operating systems, so make sure it is well tested not only for your safety but also so you don’t install something that doesn’t work/harms your pc.

Sources:

[How to list repositories on Linux | Network World](https://www.networkworld.com/article/3305810/how-to-list-repositories-on-linux.html)

This website provided me most of the information I needed to learn about repositories and their commands.

<https://www.youtube.com/watch?v=9xuyJQ0-gmY>

Your video helped me understand what repositories were and the safety we need to take when installing them.