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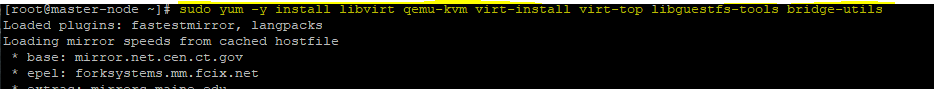
Installing minikube & kuberctl

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CentOS minikube & kubectl

When installing minikube I first switched into the root user by using su – root. Once in the root user I proceeded to install KVM hypervisor. First, I installed the two packages required for the hypervisor which the first package was **sudo yum -y install epel-release** and the second package was **sudo yum -y install libvirt qemu-kvm virt-install virt-top libguestfs-tools bridge-utils**

A screenshot of a computer

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Now that those packages were installed, I then had to start and enable libvirtd service by first using the command **sudo systemctl start libvirtd**  then followed by **sudo systemctl enable libvirtd** this command should have started and enabled the service. So if I wanted to check I can use the command **systemctl status libvirtd** to check if its running.



Now that the libvirtd service was active and running I then had to had root user to the libvirt group by using the command **sudo usermod -a -G libvirt $(whoami)** Once the user was added to the group I used the command **sudo systemctl restart libvirtd.service** to restart the libvirtd service.





After restarting the libvirtd service I was now able to install minikube. For this CentOS server I use the **wget** command to install minikube. The command I used was **wget https://storage.googleapis.com/minikube/releases/latest/minikube-linux-amd64** this allows me to install the latest version of minikube

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**After the minikube package was installed, I had to give the files executable rights by using the command chmod +x minikube-linux-amd64**



Now that I gave the file executable rights, I had to move it into the **/usr/local/bin** to do so I had to use the command **sudo mv minikube-linux-amd64 /usr/local/bin/minikube**



Lastly, I can verify thar minikube was installed by using the command **minikube version.**

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Now that minikube is installed I proceeded to install kubectl which is a command tool for Kubernetes. To do so I use the command **curl -LO https://storage.googleapis.com/kubernetes-release/release/`curl -s https://storage.googleapis.com/kubernetes-release/release/stable.txt`/bin/linux/amd64/kubectl** this command allowed me to install the kubectl package

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Next, I had to give the files to the packages executable rights by using the command **chmod +x kubectl** after give the file executable rights I then had to move the file into the **/usr/local/bin/** directory. To do so I used the command **sudo mv kubectl /usr/local/bin/**

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Lastly, I had to check if the installation was successful by using the command **kubectl version --client -o json**  this allowed me to check the version of the package.

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Work cited

<https://phoenixnap.com/kb/install-minikube-on-centos>