**Minikube installation**

# prerequisites

2vCPU , 4gb RAM , t2.medium

Commands:- ( Docker )

* sudo apt update
* sudo apt install -y ca-certificates curl gnupg lsb-release
* curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /usr/share/keyrings/docker-archive-keyring.gpg
* echo "deb [arch=$(dpkg --print-architecture) signed-by=/usr/share/keyrings/docker-archive-keyring.gpg] https://download.docker.com/linux/ubuntu $(lsb\_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
* sudo apt-get update
* sudo apt install docker-ce docker-ce-cli containerd.io -y
* sudo usermod -aG docker $USER
* newgrp docker
* docker version

Commands:- ( minikube & kubectl )

* curl -LO <https://storage.googleapis.com/minikube/releases/latest/minikube_latest_amd64.deb>
* sudo dpkg -i minikube\_latest\_amd64.deb
* minikube start
* kubectl get po -A
* minikube kubectl -- get po -A
* curl -LO [https://dl.k8s.io/release/$(curl -L -s https://dl.k8s.io/release/stable.txt)/bin/linux/amd64/kubectl](https://dl.k8s.io/release/$(curl%20-L%20-s%20https://dl.k8s.io/release/stable.txt)/bin/linux/amd64/kubectl)
* curl -LO <https://dl.k8s.io/release/v1.25.0/bin/linux/amd64/kubectl>
* curl -LO [https://dl.k8s.io/$(curl -L -s https://dl.k8s.io/release/stable.txt)/bin/linux/amd64/kubectl.sha256](https://dl.k8s.io/$(curl%20-L%20-s%20https://dl.k8s.io/release/stable.txt)/bin/linux/amd64/kubectl.sha256)
* echo "$(cat kubectl.sha256) kubectl" | sha256sum –check
* sudo install -o root -g root -m 0755 kubectl /usr/local/bin/kubectl
* kubectl version