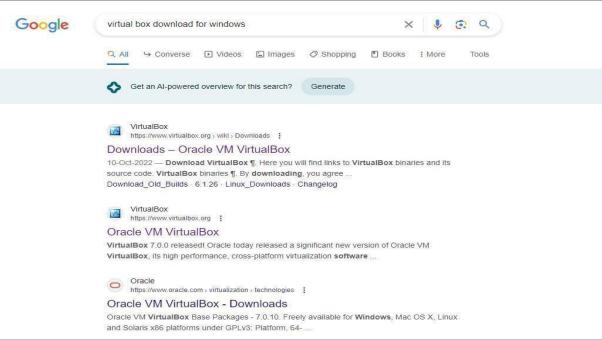


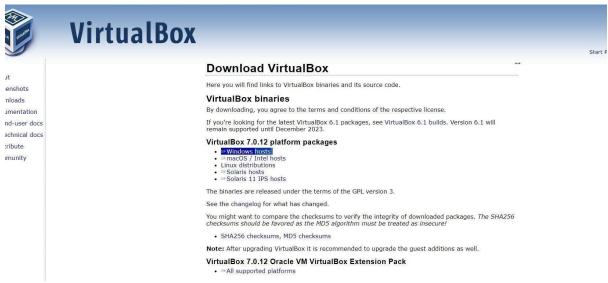
RHEL 9

Installation

Virtual Box Installation

Download & install the Virtual Box

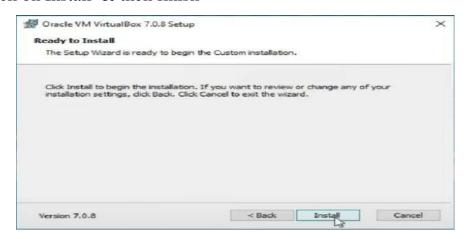




• Once the virtual box is downloaded double click to install it & click on next



• Click on Install & then finish





MINIKUBE Installation

Step 1 - Download the minikube from the following Link

https://minikube.sigs.k8s.io/docs/start/

1 Installation		
Click on the buttons minikube binaries.	s that describe your target platform. For other architectures, see the release page for a complete list of	
Operating system	Linux macOS Windows	
Architecture	x86-64	
Release type	Stable Beta	
Installer type	.exe download Windows Package Manager Chocolatey	
To install the latest i	o install the latest minikube stable release on x86-64 Windows using . exe download : 1. Download and run the installer for the latest release. Or if using PowerShell , use this command:	

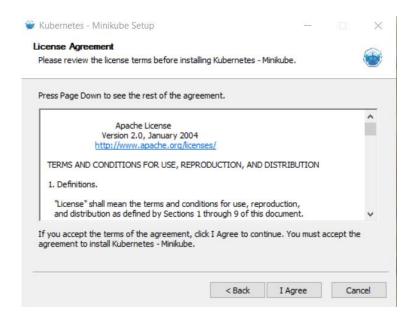
Step 2 - Select a language



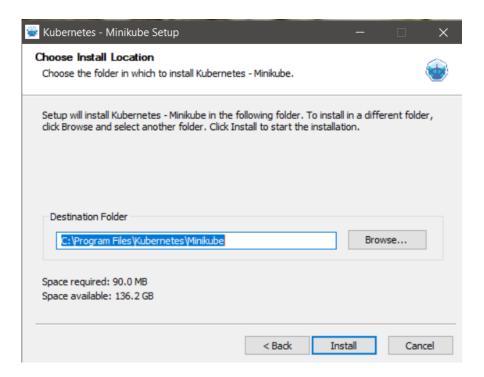
Step 3 - Just click on the next

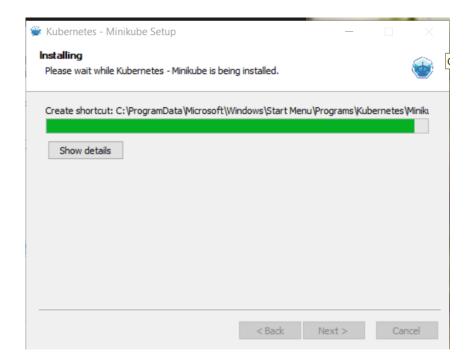


Step 4 - Accept the license agreement

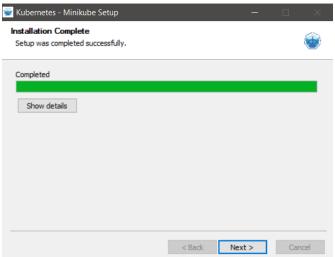


Step 5 - Click on Install to begin the installation

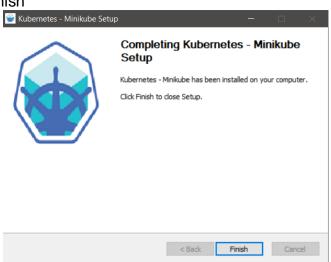




Step 6 - Click on next

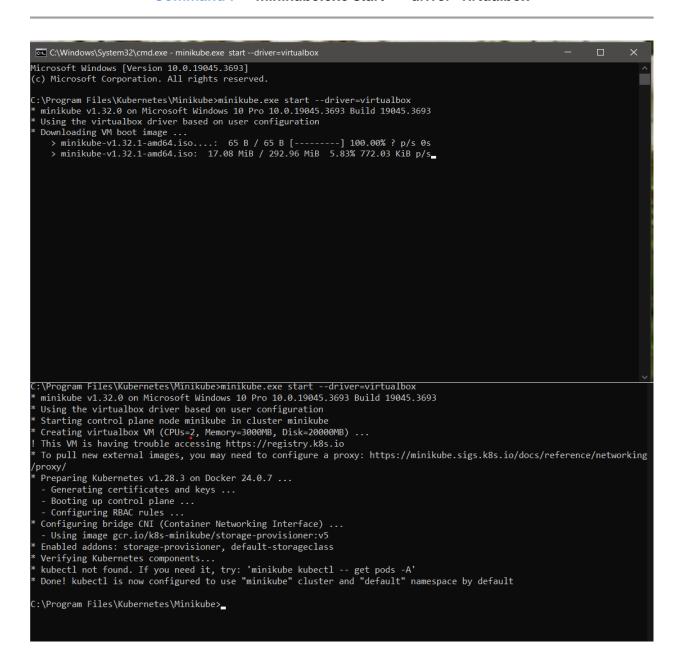


Step 7 - Click on Finish

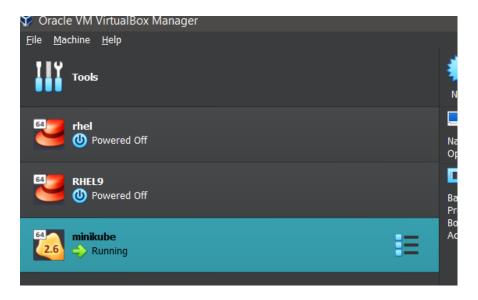


Step 8 - Go to the **same directory** in which minikube is installed & run the following command

Command: minikube.exe start -- driver=virtualbox



Step 9 - Once the above command has run successfully a new Virtual machine with the name minikube will be added to the virtual box



Step 10 - Installing the kubectl command URL

(https://kubernetes.io/docs/tasks/tools/install-kubectl-windows)

Command: -

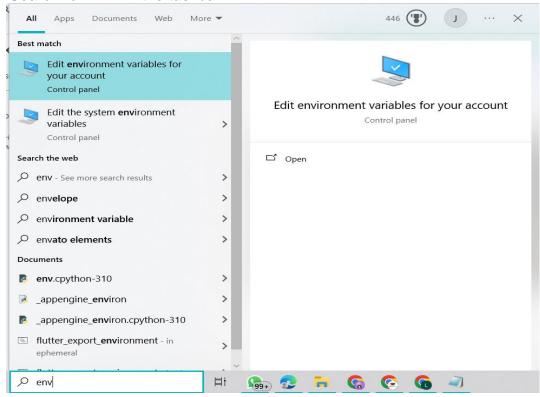
curl.exe -LO "https://dl.k8s.io/release/v1.28.4/bin/windows/amd64/kubectl.exe"

```
:\Program Files\Kubernetes>curl.exe -LO "https://dl.k8s.io/release/v1.28.4/bin/windows/amd64/kubectl.exe"
 % Total
            % Received % Xferd Average Speed
                                                          Time
                                                                    Time
                                                                               Time Current
                                                 Jpload Total Spent Left Speed
0 --:--:- --:--:-- 297
0 0:00:14 0:00:14 --:--: 3565k
                                    Dload Upload Total Spent
100 138 100 138
100 48.2M 100 48.2M
                                   0
                                        294
                                0 294
0 3372k
C:\Program Files\Kubernetes>kubectl get pods
No resources found in default namespace.
C:\Program Files\Kubernetes>kubectl cluster-info
Cubernetes control plane is running at https://192.168.59.101:8443
CoreDNS is running at https://192.168.59.101:8443/api/v1/namespaces/kube-system/services/kube-dns:dns/proxy
To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.
:\Program Files\Kubernetes>kubectl cluster-info
dubernetes control plane is running at https://192.168.59.101:8443

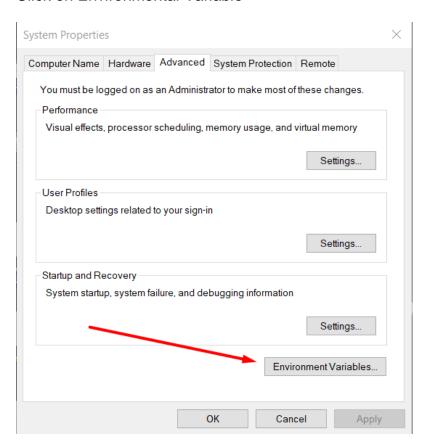
| coreDNS is running at https://192.168.59.101:8443/api/v1/namespaces/kube-system/services/kube-dns:dns/proxy
o further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.
```

Step 11 - Setting env variable for kubectl & Minikube

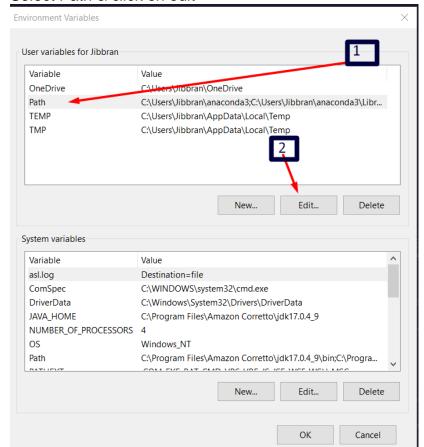
Search for ENV in the taskbar



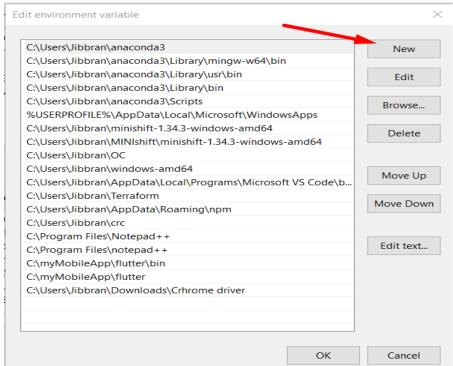
Click on Environmental Variable



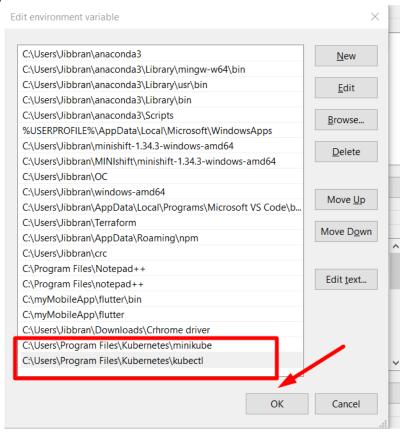
· Select Path & click on edit



· Click on new



 Enter the path of the folder in which the minikube & kubectl command is downloaded



Minikube is Successful Installed