

# Kubernetes Workstation

## Minikube Installation

To install Minikube manually, download [minikube-windows-amd64](#), rename it to minikube.exe, and add it to your path.

**NOTE:** Make sure you choose **minikube-windows-amd64.exe** when you click to download

 <a href="#">minikube-windows-amd64.exe</a>	44.4 MB
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For windows, copy the executable file to C:\Windows\System32, For Mac / Linux use admin permissions to copy it to /usr/local/bin .

## Kubectl Installation

To install kubectl, download kubectl binary for [windows](#). For linux run the following commands:

```
curl -LO
https://storage.googleapis.com/kubernetes-release/release/$(curl -s
https://storage.googleapis.com/kubernetes-release/release/stable.txt)/b
in/linux/amd64/kubectl
chmod +x ./kubectl
sudo mv ./kubectl /usr/local/bin/kubectl
```

## Oracle VirtualBox Installation

From <https://www.virtualbox.org/wiki/Downloads>, download the latest version for your OS.

# Download VirtualBox

Here you will find links to VirtualBox binaries and its source code.

## VirtualBox binaries

By downloading, you agree to the terms and conditions of the respective

If you're looking for the latest VirtualBox 5.2 packages, see [VirtualBox 5.2](#). Version 5.2 will remain supported until July 2020.

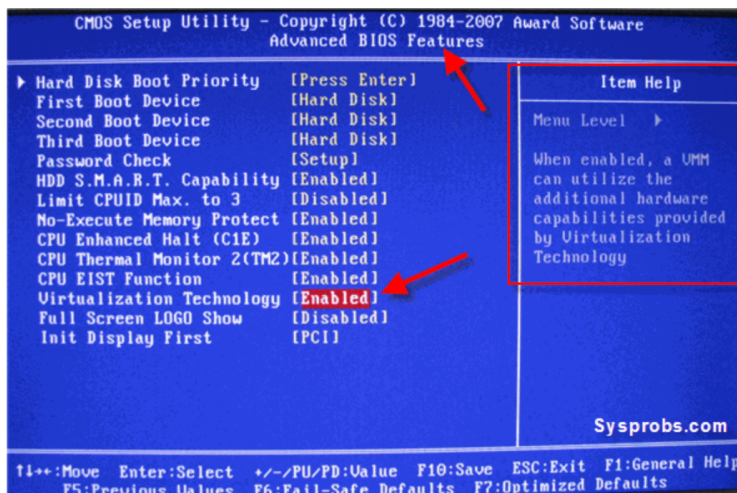
## VirtualBox 6.0.4 platform packages

- ➞ [Windows hosts](#)
- ➞ [OS X hosts](#)
- [Linux distributions](#)
- ➞ [Solaris hosts](#)

After downloading the installer matching your workstation, double-click on it and run it with next, next, next till it finish successfully.

## Important Note

In order to allow your PC run virtual machines you will need to enable virtualization technology on your BIOS level. In order to do that you will need to connect to your BIOS management tool and enable virtualization as follows:



# Starting Kubernetes

After successfully installing minikube, open a new CMD / Terminal type in **minikube start** and wait for everything to finish.

```
-> % minikube start
There is a newer version of minikube available (v1.5.2). Download it here:
https://github.com/kubernetes/minikube/releases/tag/v1.5.2

To disable this notification, run the following:
minikube config set WantUpdateNotification false
🐹 minikube v1.0.0 on darwin (amd64)
📦 Downloading Kubernetes v1.14.0 images in the background ...
💡 Tip: Use 'minikube start -p <name>' to create a new cluster, or 'minikube delete' to delete this one.
🔧 Re-using the currently running virtualbox VM for "minikube" ...
⌚ Waiting for SSH access ...
🌐 "minikube" IP address is 192.168.99.115
🐳 Configuring Docker as the container runtime ...
📌 Version of container runtime is 18.06.2-ce
⌚ Waiting for image downloads to complete ...
🌟 Preparing Kubernetes environment ...
📦 Pulling images required by Kubernetes v1.14.0 ...
🔄 Relaunching Kubernetes v1.14.0 using kubeadm ...
⌚ Waiting for pods: apiserver proxy etcd scheduler controller dns
🔧 Updating kube-proxy configuration ...
🐼 Verifying component health .....
💖 kubectl is now configured to use "minikube"
🎉 Done! Thank you for using minikube!
```