

# **Big Data and Analytical Lab**

## **Lab Assignment – 07**

**(BCSE0183)**



Made by:- Vishal Dixit

Sec- B (62)

University Roll No :- 201500792

**Installations of VMware & CloudEra Quick Start**

## 1) Download VMware 17 Pro for Window.

### VMware Workstation 17 Pro



Workstation 17 Pro improves on the industry defining technology with DirectX 11 and OpenGL 4.3 3D Accelerated graphics support, a dark mode user interface, support for Windows 11, the vcti CLI for running and building containers and [Kubernetes clusters](#), added support for the latest Windows and Linux operating systems, and more.

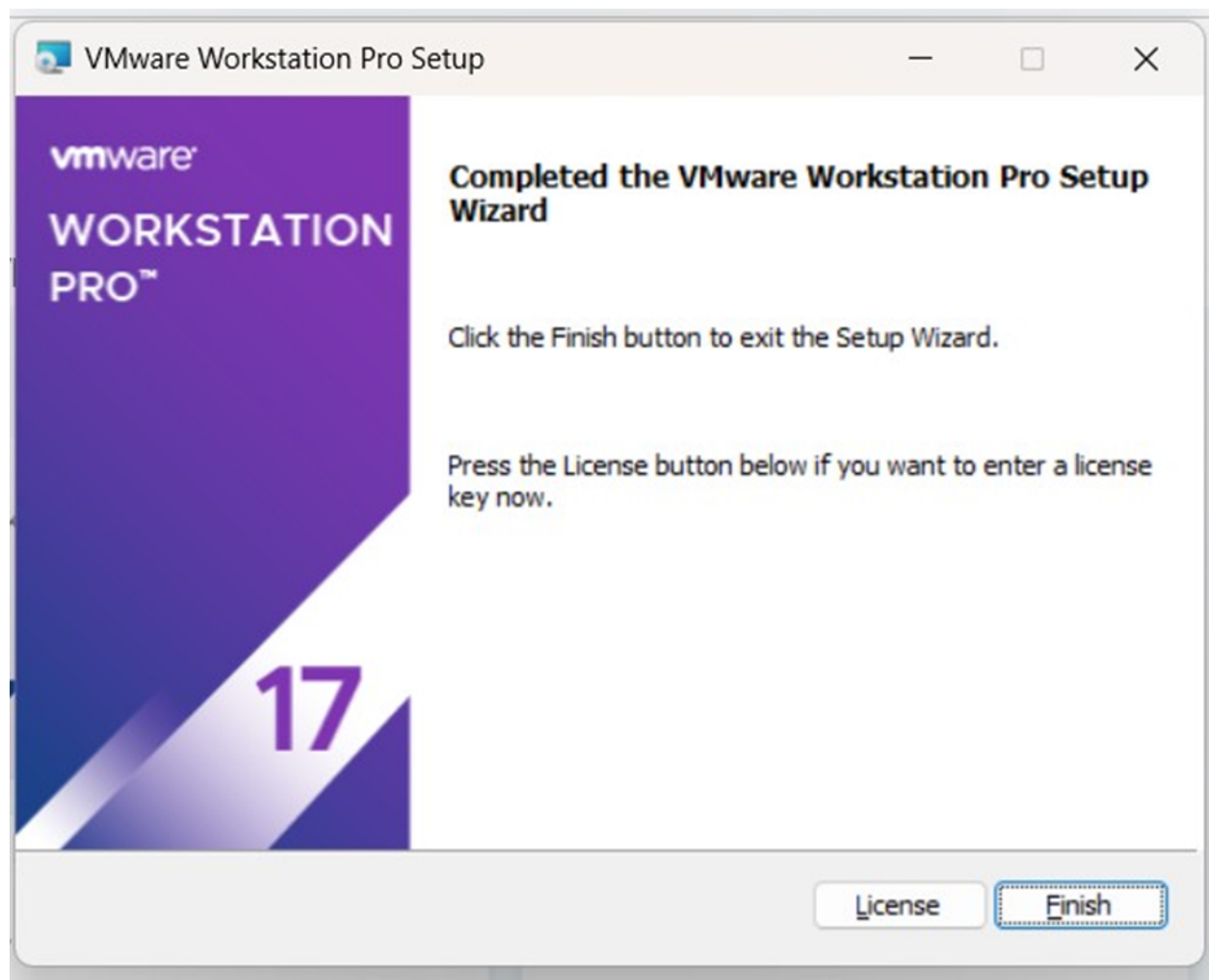
Use the links below to start your free, fully functional 30-day trial, no registration required.

Workstation 17 Pro for Windows

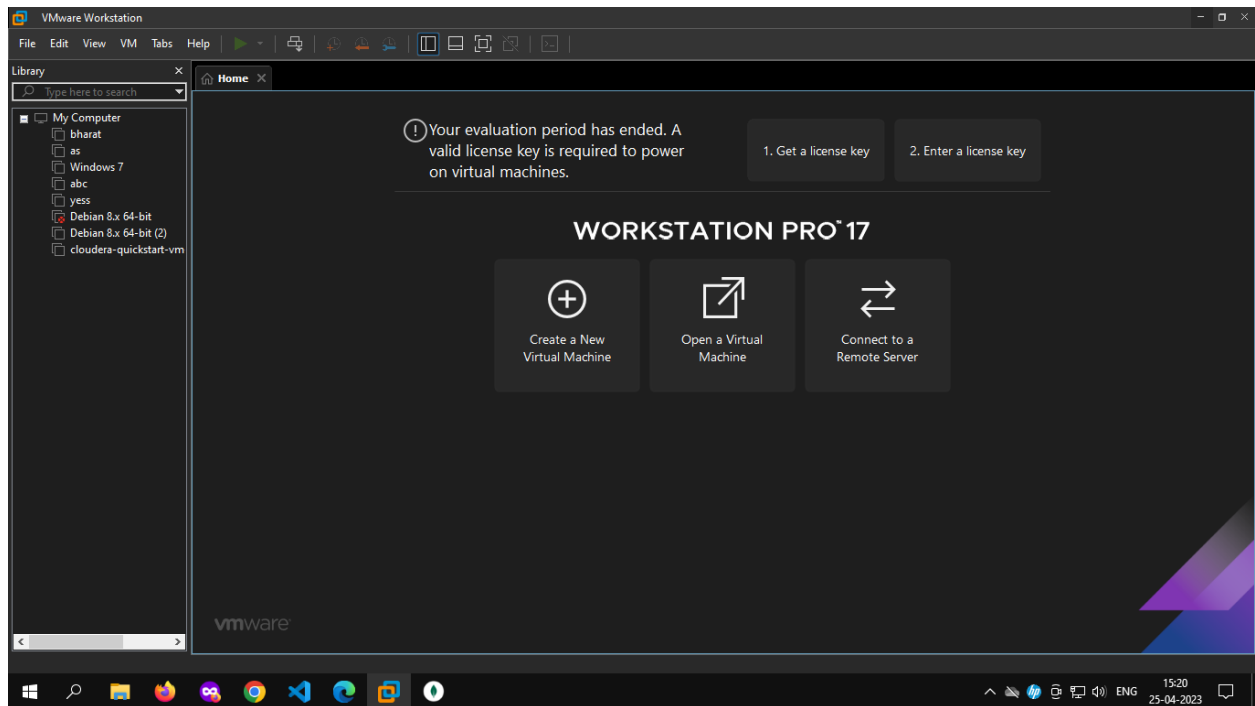
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Workstation 17 Pro for Linux

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## 2) Download CloudEra Quick Start.



## 3) Download Cassandra cqlsh: Command Line Interface

```
java version "1.8.0_172"  
Java(TM) SE Runtime Environment (build 1.8.0_172-b11)  
Java HotSpot(TM) 64-Bit Server VM (build 25.172-b11, mixed mode)
```

```
Datacenter: datacenter1  
=====
```

Status=Up/Down						
/ State=Normal/Leaving/Joining/Moving						
--	Address	Load	Tokens	Owns (effective)	Host ID	Rack
UN	127.0.0.1	103.8 KiB	256	100.0%	0a22a60c-1136-4be6-966e-3ba0977fd743	rack1

## 4) Download MongoDB and CRUD Operations on Mongosh:

```
(c) Microsoft Corporation. All rights reserved.

C:\Users\Dell>mongosh
Current Mongosh Log ID: 644a5826842fc29cd2cdd310
Connecting to:      mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+1
.8.0
Using MongoDB:      6.0.5
Using Mongosh:      1.8.0

For mongosh info see: https://docs.mongodb.com/mongod-shell/

-----
The server generated these startup warnings when booting
2023-04-25T13:34:20.154+05:30: Access control is not enabled for the database. Read and write access to data and conf
figuration is unrestricted
-----

-----
Enable MongoDB's free cloud-based monitoring service, which will then receive and display
metrics about your deployment (disk utilization, CPU, operation statistics, etc).

The monitoring data will be available on a MongoDB website with a unique URL accessible to you
and anyone you share the URL with. MongoDB may use this information to make product
improvements and to suggest MongoDB products and deployment options to you.

To enable free monitoring, run the following command: db.enableFreeMonitoring()
To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
-----

test>
```

