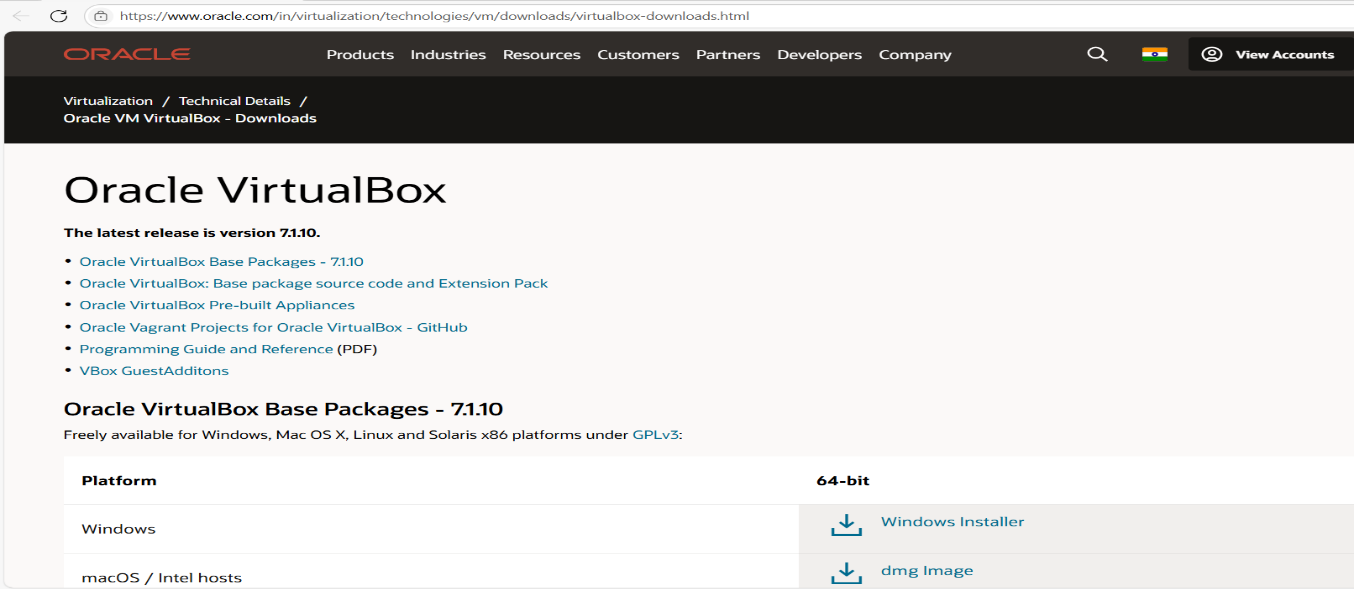
**PRACTICAL :- 02**

**AIM:-** Installation of Hadoop in Oracle Virtual Box on single node

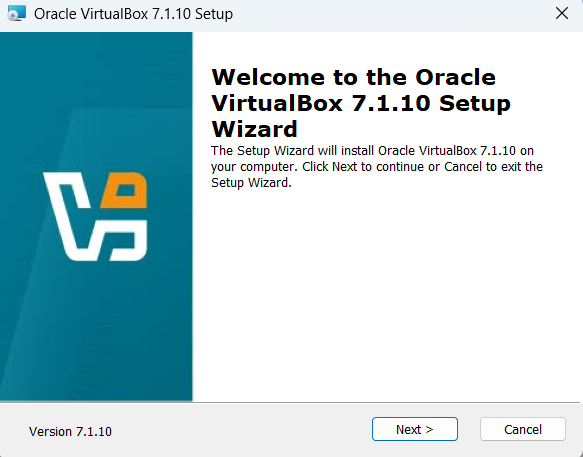
**THEORY:**

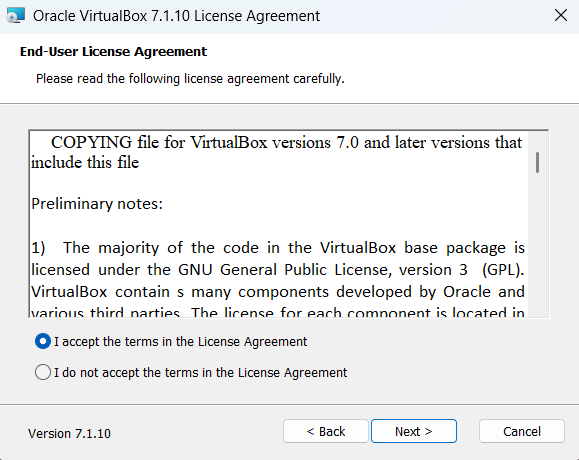
**Virtualization:** Virtualization is a key technology in cloud computing that allows multiple Virtual Machines (VMs) to run on a single physical machine. It abstracts and isolates hardware resources, enabling better resource utilization, flexibility, and scalability.

**Step 1: Download of Virtual box 7.1.10**

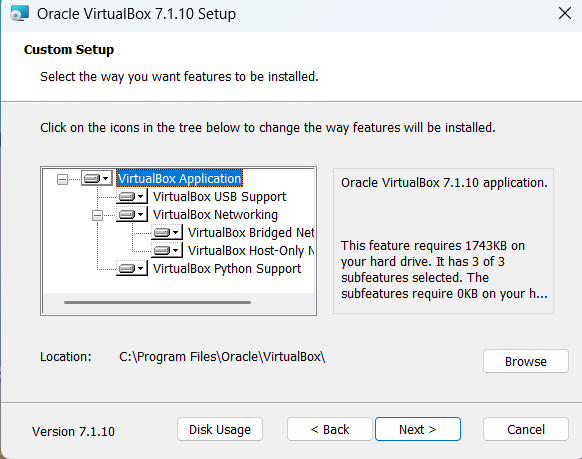


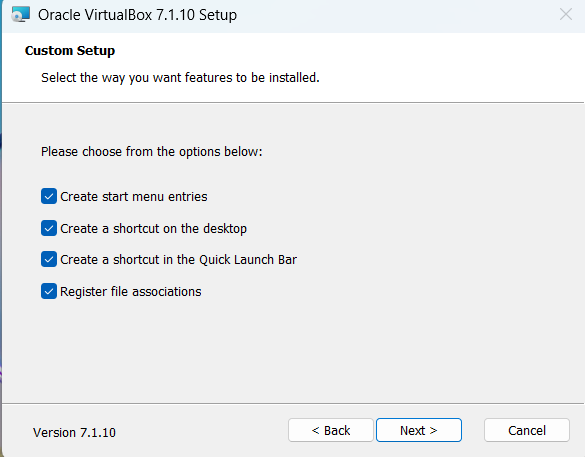
**Step 2: Setup**

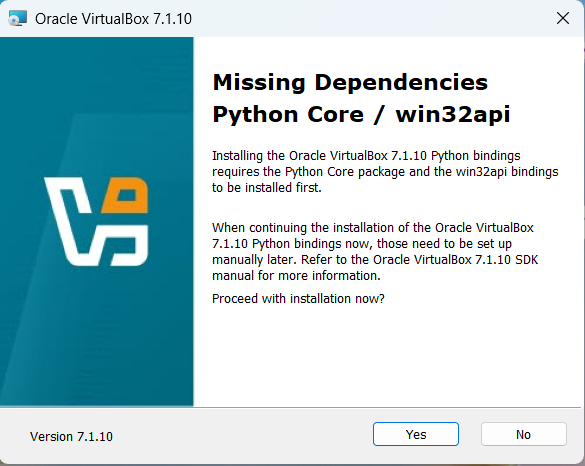


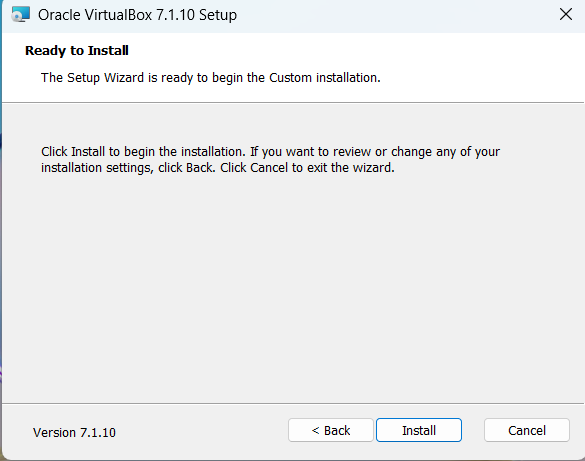
**Step 3: License Agreements** 

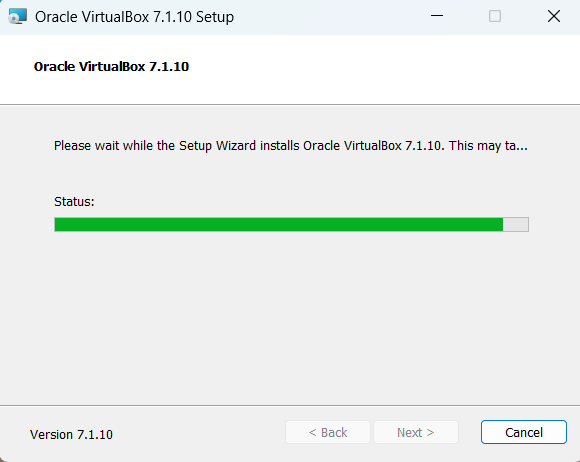
**Step 4: Custom Setup**



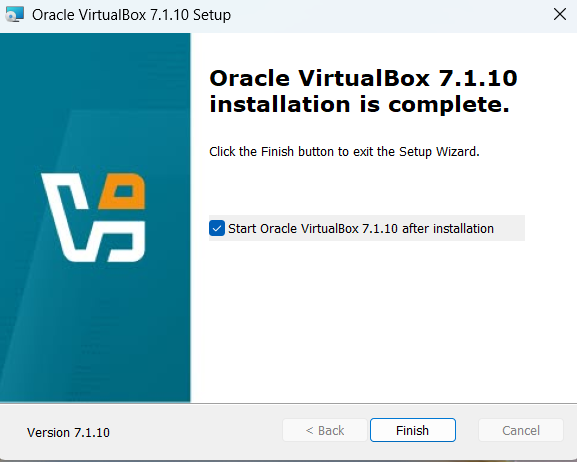


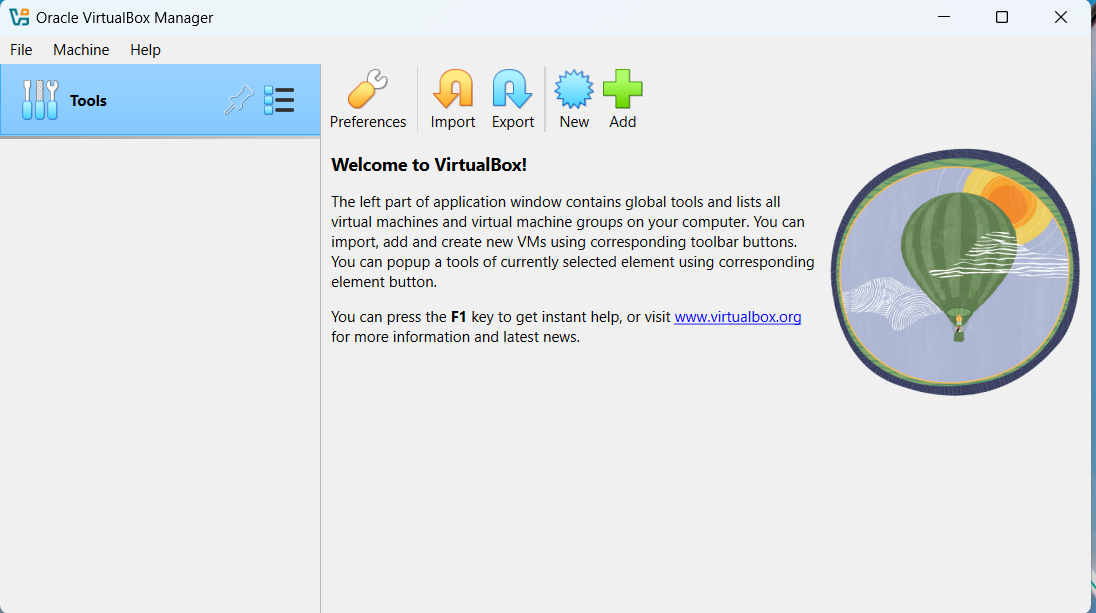


**Step 5: Installation**

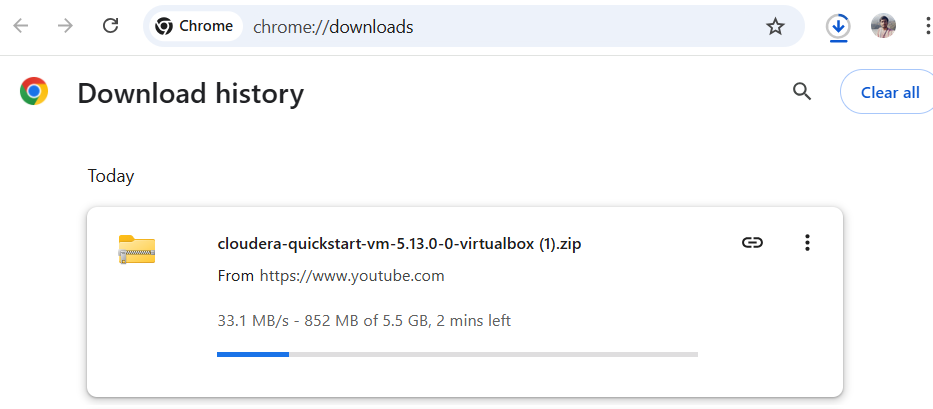


**Step 6: Successfully Installed**

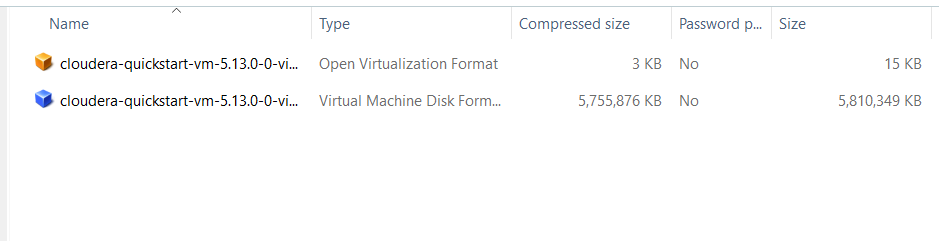




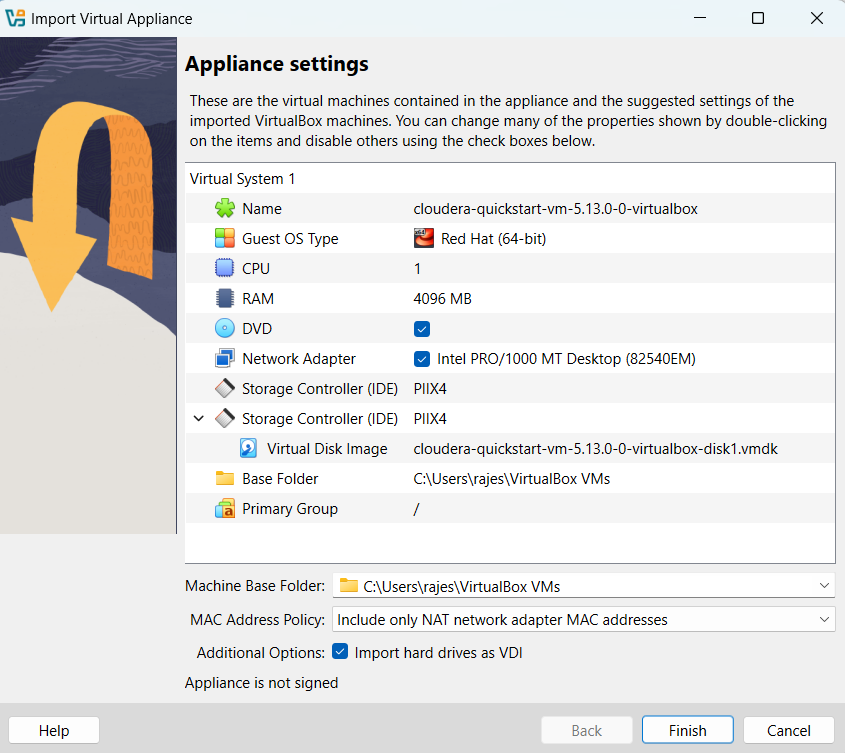
**Step 7: Again download the latest version of cloudera-quickstart.**

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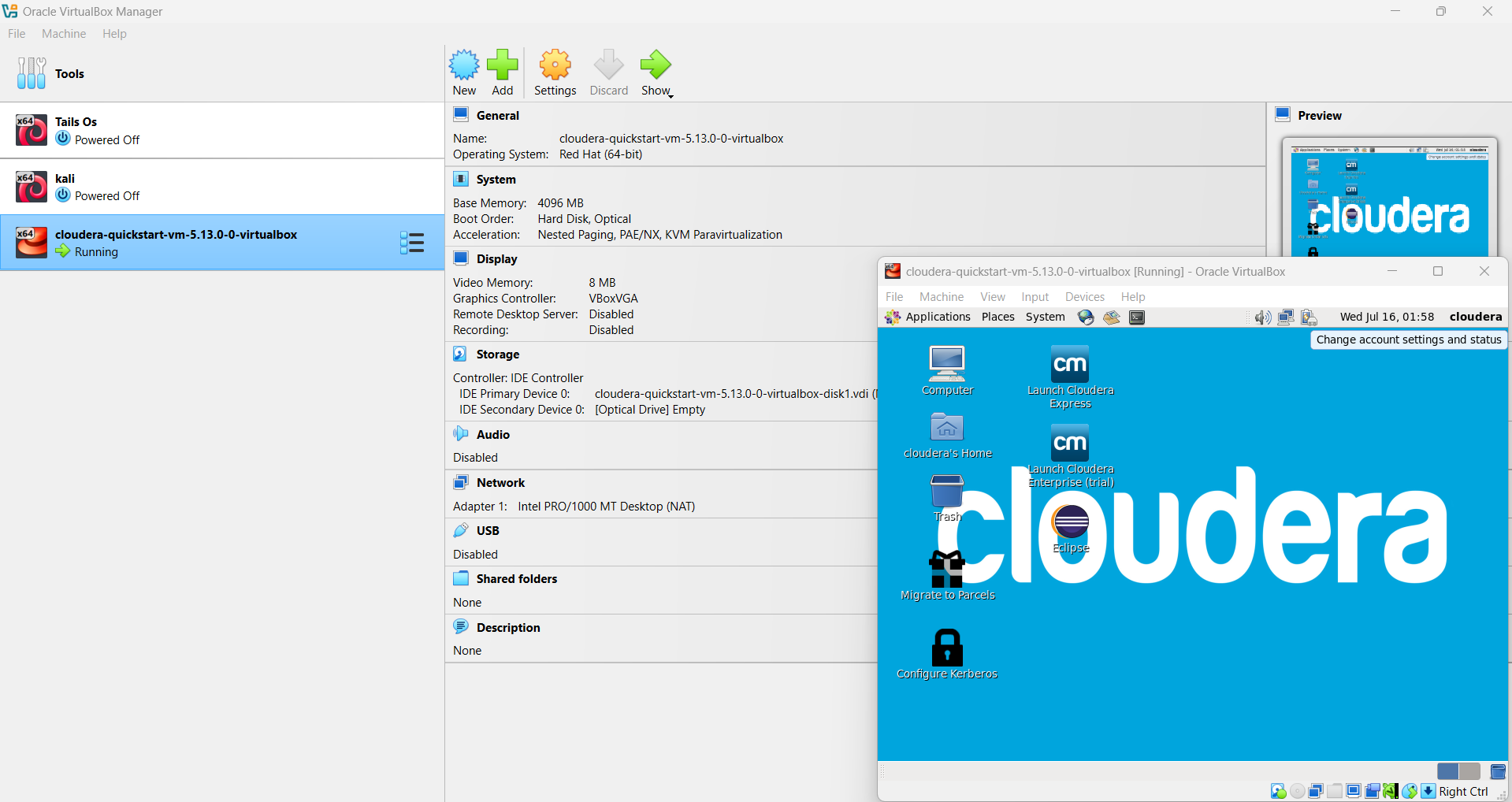
**Step 8: After the download extract with 7-zip.**

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**Step 9: Import the cloudera after extracting.**

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**Step 10: Cloudera is installed successfully.**

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**Results:** Installation of Hadoop in Oracle Virtual Box on single node has been Installed Successfully.