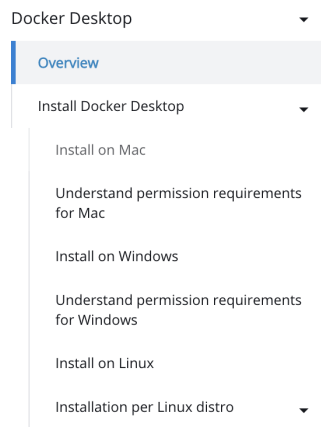Step 1 - Install docker

I will use the following installation. You can change for the respective OS

# Install on Mac



**ℹ Docker Desktop terms**

Commercial use of Docker Desktop in larger enterprises (more than 250 emp
in annual revenue) requires a paid subscription.

This page contains information about system requirements, download URLs, and
Desktop for Mac.

[ Mac with Intel chip ]    [ Mac with Apple silicon ]

Step 2 - After the docker installation, run the following docker command in the command line to pull Cloudera container

```
docker pull cloudera/quickstart:latest
```

```
[serkan@Serkans-MBP ~ % docker pull cloudera/quickstart:latest
latest: Pulling from cloudera/quickstart
Image docker.io/cloudera/quickstart:latest uses outdated schema1 mani
. Please upgrade to a schema2 image for better future compatibility.
ation at https://docs.docker.com/registry/spec/deprecated-schema-v1/
1d00652ce734: Downloading  1.803GB/4.444GB
```

Step 3 - Run the following command to start cloudera

```
docker run --hostname=quickstart.cloudera --privileged=true -t -i -p
8888:8888 -p 10000:10000 -p 10020:10020 -p 11000:11000 -p 18080:18080 -p
18081:18081 -p 18088:18088 -p 19888:19888 -p 21000:21000 -p 21050:21050 -p
2181:2181 -p 25000:25000 -p 25010:25010 -p 25020:25020 -p 50010:50010 -p
50030:50030 -p 50060:50060 -p 50070:50070 -p 50075:50075 -p 50090:50090 -p
60000:60000 -p 60010:60010 -p 60020:60020 -p 60030:60030 -p 7180:7180 -p
7183:7183 -p 7187:7187 -p 80:80 -p 8020:8020 -p 8032:8032 -p 802:8042 -p
8088:8088 -p 8983:8983 -p 9083:9083 4239cd2958c6 /usr/bin/docker-quickstart
```

It takes some time to run the services

```
Started Hadoop httpfs (hadoop-httpfs):                    [  OK  ]
starting historyserver, logging to /var/log/hadoop-mapreduce/mapred-mapred-h:
ryserver-quickstart.cloudera.out
Started Hadoop historyserver:                             [  OK  ]
starting nodemanager, logging to /var/log/hadoop-yarn/yarn-yarn-nodemanager-(
kstart.cloudera.out
Started Hadoop nodemanager:                               [  OK  ]
starting resourcemanager, logging to /var/log/hadoop-yarn/yarn-yarn-resourcer
ger-quickstart.cloudera.out
Started Hadoop resourcemanager:                           [  OK  ]
starting master, logging to /var/log/hbase/hbase-hbase-master-quickstart.clou
a.out
Started HBase master daemon (hbase-master):               [  OK  ]
starting rest, logging to /var/log/hbase/hbase-hbase-rest-quickstart.cloudera
t
Started HBase rest daemon (hbase-rest):                   [  OK  ]
starting thrift, logging to /var/log/hbase/hbase-hbase-thrift-quickstart.clou
a.out
Started HBase thrift daemon (hbase-thrift):               [  OK  ]
Starting Hive Metastore (hive-metastore):                 [  OK  ]
```

Step 4 - Run the following command to start cloudera express

```
sudo /home/cloudera/cloudera-manager --express --force
```

Check the logs whether running

```
[QuickStart] Starting Cloudera Manager server...
[QuickStart] Waiting for Cloudera Manager API...
[QuickStart] Starting Cloudera Manager agent...
[QuickStart] Configuring deployment...
Submitted jobs: 14
[QuickStart] Deploying client configuration...
Submitted jobs: 16
[QuickStart] Starting Cloudera Management Service...
Submitted jobs: 24
[QuickStart] Enabling Cloudera Manager daemons on boot...

-----------------------------------------------------------------------

Success! You can now log into Cloudera Manager from the QuickStart VM's brows

    http://quickstart.cloudera:7180

    Username: cloudera
    Password: cloudera

[root@quickstart /]#
```
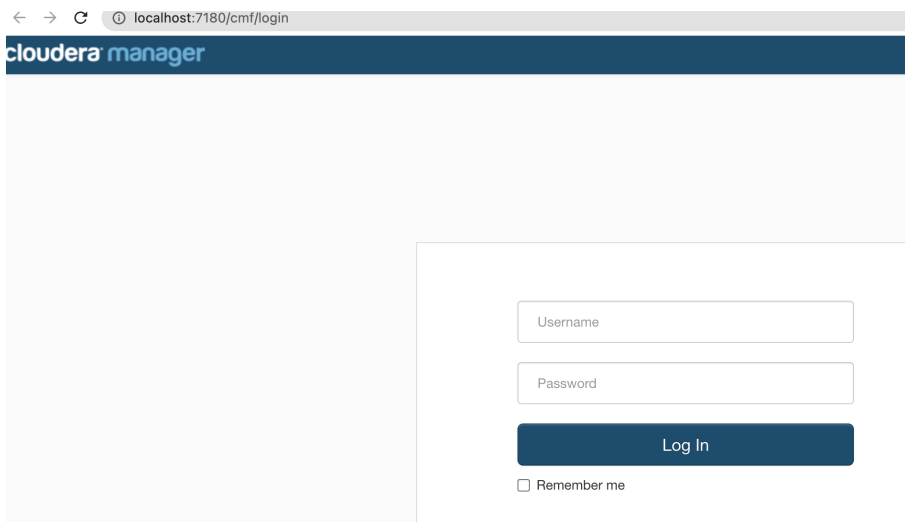
Step 5 - Login the following url

## http://localhost:7180/

Username and passwords

1) Full Administrator: cloudera and cloudera
2) Full Administrator: admin and admin