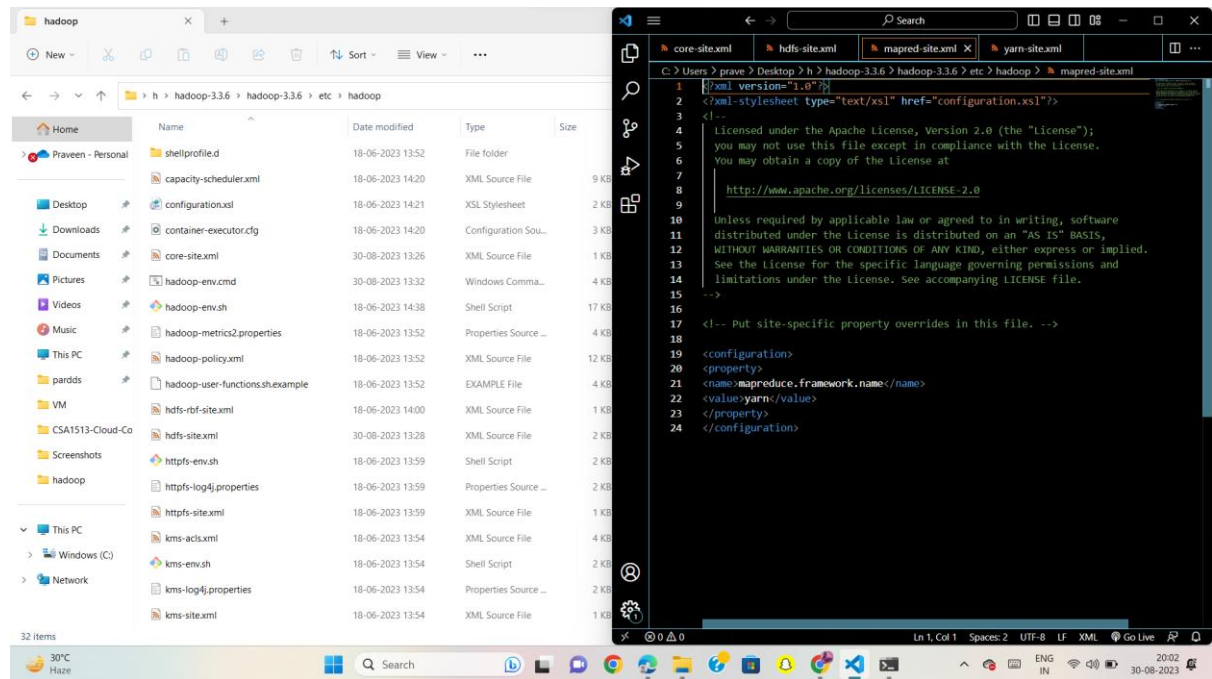


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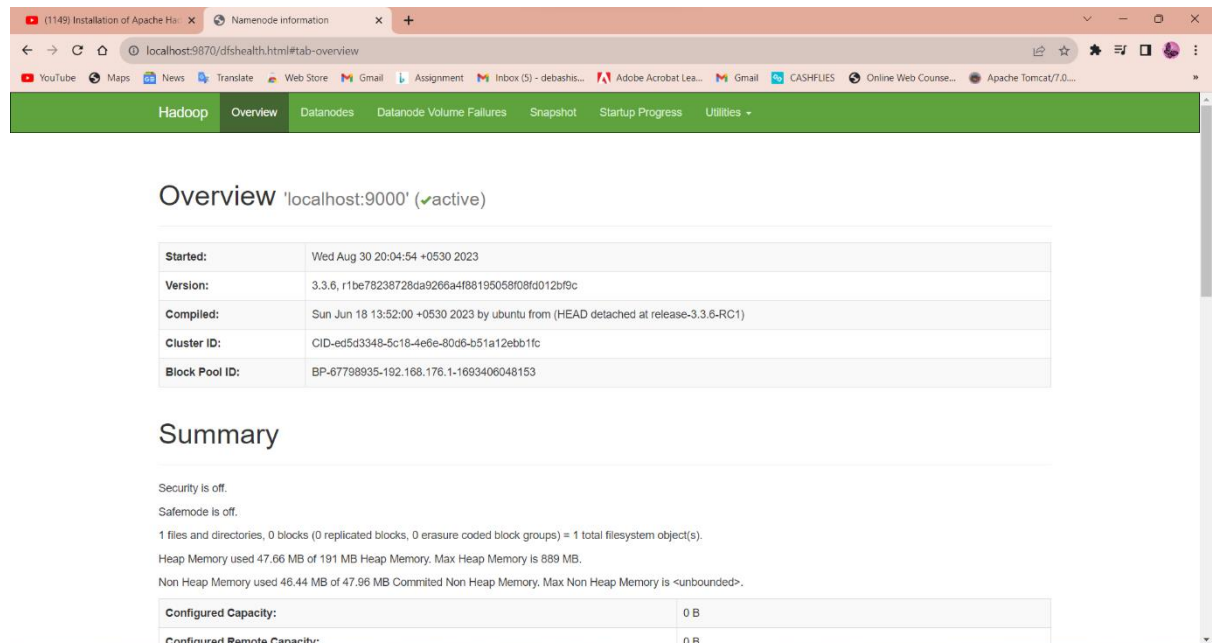
40. Launch the Hadoop 2.x and test the Map-Reduce Platform with Hadoop



The screenshot shows a Windows file explorer window displaying the contents of the `hadoop-3.3.6\etc\hadoop` directory. The files listed include `capacity-scheduler.xml`, `configuration.xml`, `container-executor.cfg`, `core-site.xml`, `hadoop-env.cmd`, `hadoop-env.sh`, `hadoop-metrics2.properties`, `hadoop-policy.xml`, `hadoop-user-functions.sh.example`, `hdfs-rbf-site.xml`, `hdfs-site.xml`, `https-env.sh`, `https-log4j.properties`, `https-site.xml`, `kms-acls.xml`, `kms-env.sh`, `kms-log4j.properties`, and `kms-site.xml`.

Overlaid on the file explorer is a code editor showing the `mapred-site.xml` file. The content of the file is as follows:

```
1 <?xml version="1.0"?>
2 <?xml-stylesheet type="text/xsl" href="configuration.xsl"?>
3 <!--
4 Licensed under the Apache License, Version 2.0 (the "License");
5 you may not use this file except in compliance with the License.
6 You may obtain a copy of the license at
7
8 http://www.apache.org/licenses/LICENSE-2.0
9
10 Unless required by applicable law or agreed to in writing, software
11 distributed under the license is distributed on an "AS IS" BASIS,
12 WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
13 See the license for the specific language governing permissions and
14 limitations under the license. See accompanying LICENSE file.
15 -->
16
17 <!-- Put site-specific property overrides in this file. -->
18
19 <configuration>
20 <property>
21 <name>mapreduce.framework.name</name>
22 <value>yarn</value>
23 </property>
24 </configuration>
```



The screenshot shows the Hadoop Overview page in a web browser. The page title is "Overview 'localhost:9000' (✓active)". The page contains a table with the following information:

| Property | Value |
|----------------|--|
| Started: | Wed Aug 30 20:04:54 +0530 2023 |
| Version: | 3.3.6, r1be78238728da9266a4f88195058f08fd012b9c |
| Compiled: | Sun Jun 18 13:52:00 +0530 2023 by ubuntu from (HEAD detached at release-3.3.6-RC1) |
| Cluster ID: | CiD-ed5d3348-5c18-4e6e-80d6-b51a12ebb1fc |
| Block Pool ID: | BP-67798935-192.168.176.1-1693406048153 |

Below the table, there is a "Summary" section with the following information:

Security is off.
Safemode is off.
1 files and directories, 0 blocks (0 replicated blocks, 0 erasure coded block groups) = 1 total filesystem object(s).
Heap Memory used 47.66 MB of 191 MB Heap Memory. Max Heap Memory is 889 MB.
Non Heap Memory used 46.44 MB of 47.96 MB Committed Non Heap Memory. Max Non Heap Memory is <unbounded>.

| Property | Value |
|-----------------------------|-------|
| Configured Capacity: | 0 B |
| Configured Remote Capacity: | 0 B |