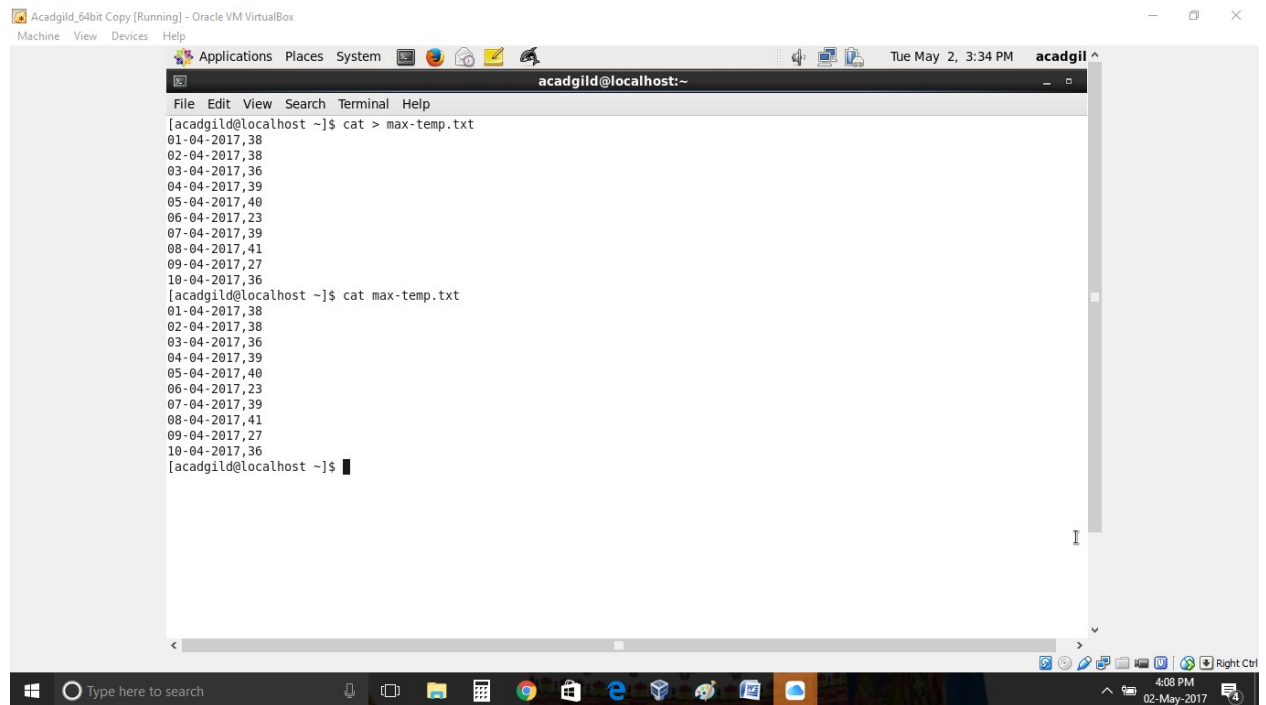


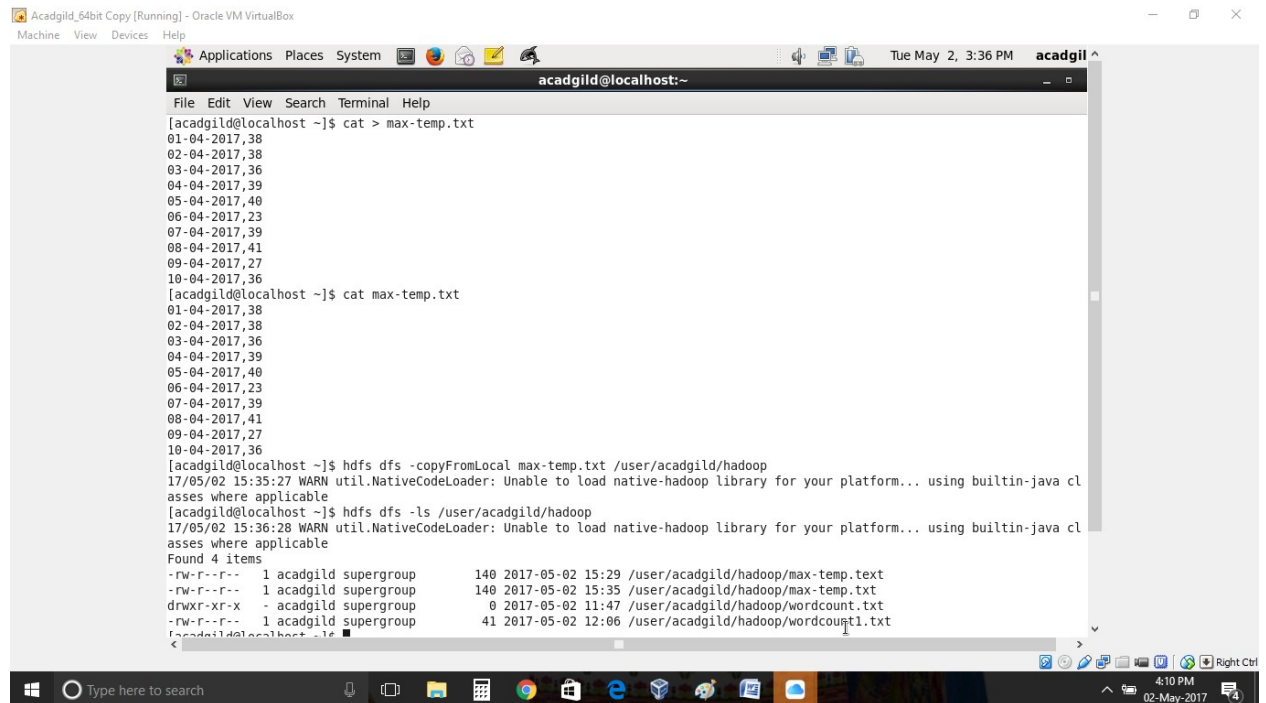
1. Max-temp.txt file created in local FS and contents are displayed



The screenshot shows a terminal window titled "acadgild@localhost:~" within an Oracle VM VirtualBox environment. The terminal displays the following commands and output:

```
[acadgild@localhost ~]$ cat > max-temp.txt
01-04-2017,38
02-04-2017,38
03-04-2017,36
04-04-2017,39
05-04-2017,40
06-04-2017,23
07-04-2017,39
08-04-2017,41
09-04-2017,27
10-04-2017,36
[acadgild@localhost ~]$ cat max-temp.txt
01-04-2017,38
02-04-2017,38
03-04-2017,36
04-04-2017,39
05-04-2017,40
06-04-2017,23
07-04-2017,39
08-04-2017,41
09-04-2017,27
10-04-2017,36
[acadgild@localhost ~]$
```

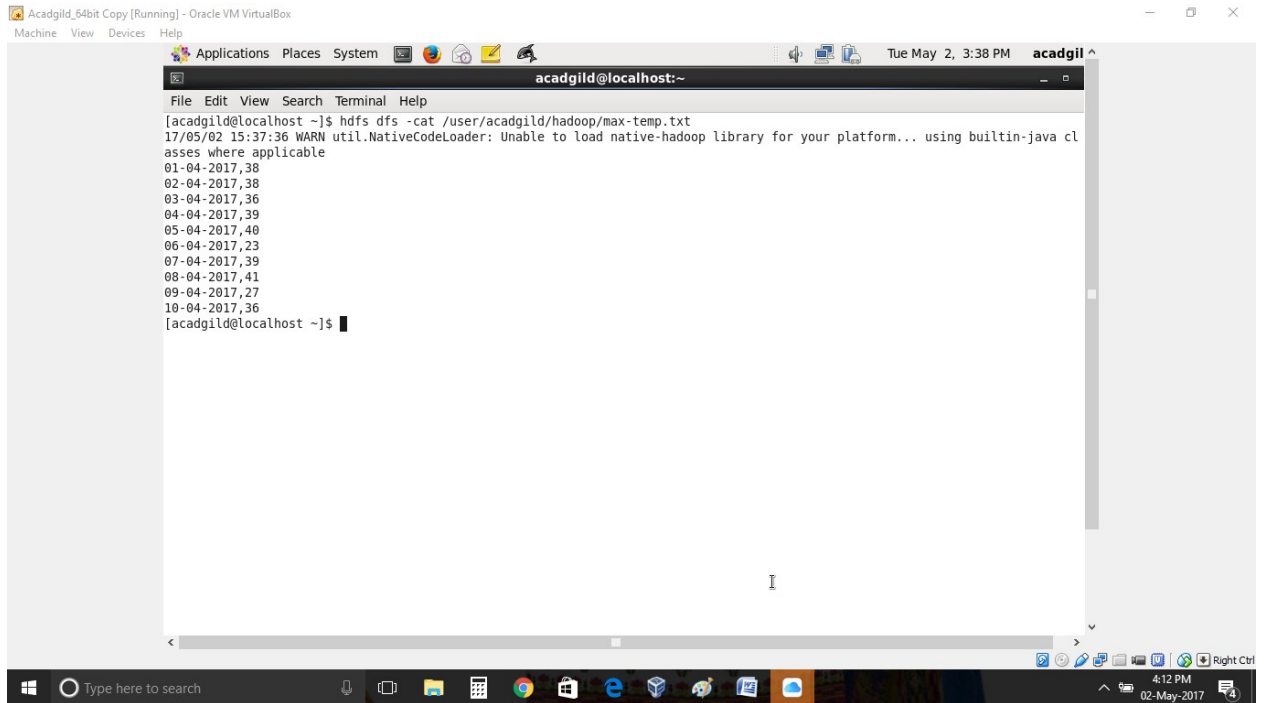
2. Max-temp.txt copied from Local FS to HDFS and checked whether file is copied.



The screenshot shows a terminal window titled "acadgild@localhost:~" within an Oracle VM VirtualBox environment. The terminal displays the following commands and output:

```
[acadgild@localhost ~]$ cat > max-temp.txt
01-04-2017,38
02-04-2017,38
03-04-2017,36
04-04-2017,39
05-04-2017,40
06-04-2017,23
07-04-2017,39
08-04-2017,41
09-04-2017,27
10-04-2017,36
[acadgild@localhost ~]$ cat max-temp.txt
01-04-2017,38
02-04-2017,38
03-04-2017,36
04-04-2017,39
05-04-2017,40
06-04-2017,23
07-04-2017,39
08-04-2017,41
09-04-2017,27
10-04-2017,36
[acadgild@localhost ~]$ hdfs dfs -copyFromLocal max-temp.txt /user/acadgild/hadoop
17/05/02 15:35:27 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
[acadgild@localhost ~]$ hdfs dfs -ls /user/acadgild/hadoop
17/05/02 15:36:28 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Found 4 items
-rw-r--r-- 1 acadgild supergroup 140 2017-05-02 15:29 /user/acadgild/hadoop/max-temp.txt
-rw-r--r-- 1 acadgild supergroup 140 2017-05-02 15:35 /user/acadgild/hadoop/max-temp.txt
drwxr-xr-x - acadgild supergroup 0 2017-05-02 11:47 /user/acadgild/hadoop/wordcount.txt
-rw-r--r-- 1 acadgild supergroup 41 2017-05-02 12:06 /user/acadgild/hadoop/wordcount1.txt
[acadgild@localhost ~]$
```

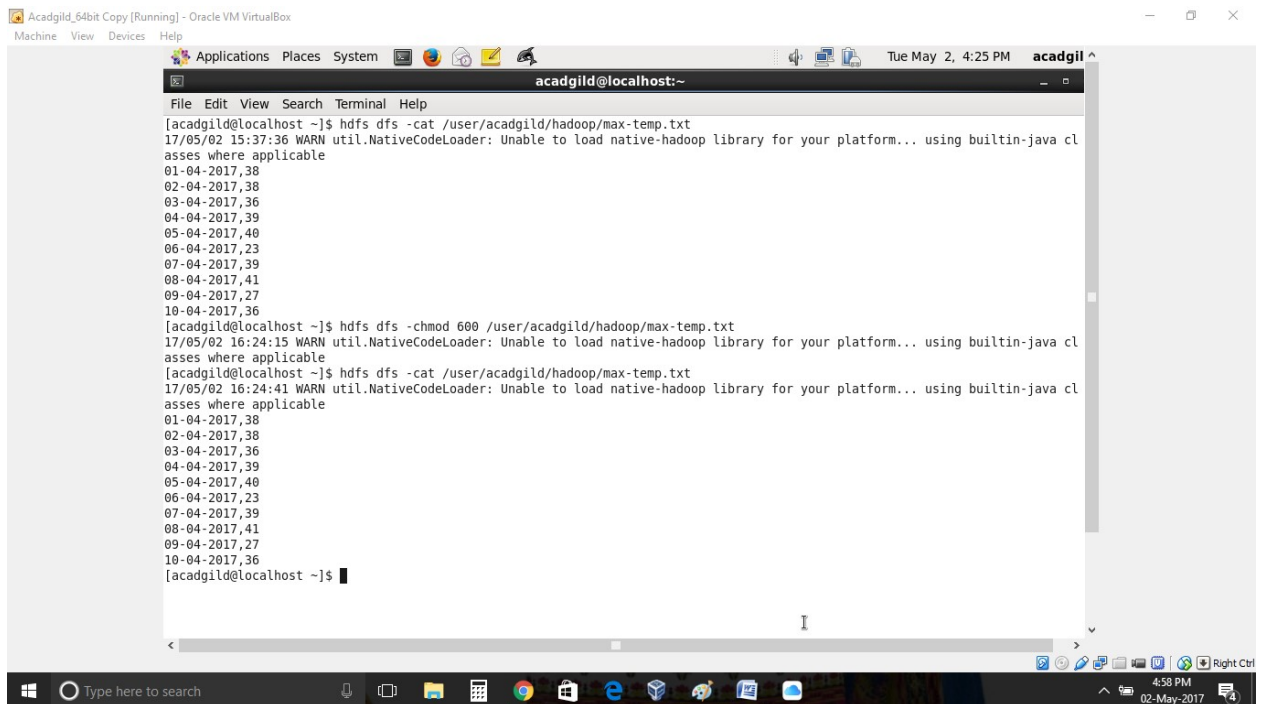
3. Contents of file copied to HDFS is checked.



The screenshot shows a terminal window titled "Acadgild_64bit Copy [Running] - Oracle VM VirtualBox". The terminal is running a command to check the contents of a file in HDFS. The output shows a list of dates and times, indicating the file's content.

```
acadmild@localhost:~$ hdfs dfs -cat /user/acadmild/hadoop/max-temp.txt
17/05/02 15:37:36 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
01-04-2017,38
02-04-2017,38
03-04-2017,36
04-04-2017,39
05-04-2017,40
06-04-2017,23
07-04-2017,39
08-04-2017,41
09-04-2017,27
10-04-2017,36
acadmild@localhost ~]$
```

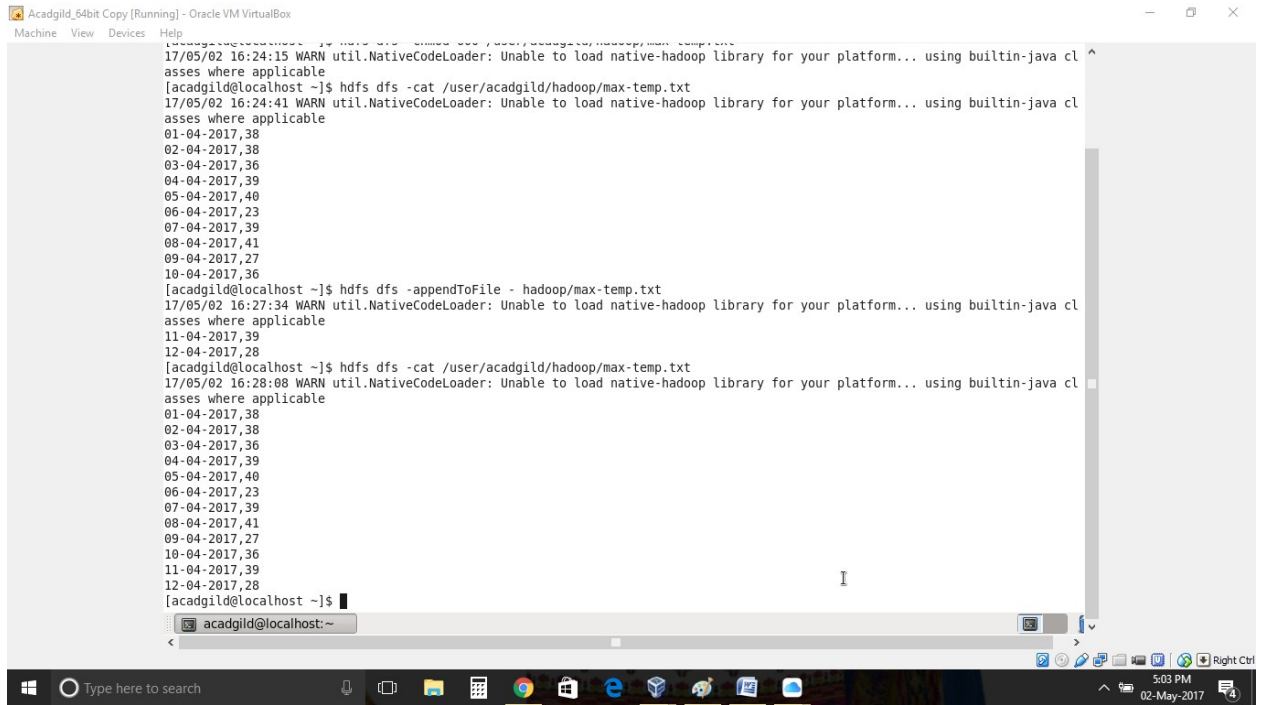
4. Permission changed from default 666 to 600 for file max-temp.txt so that only user and group members have full access



The screenshot shows a terminal window titled "Acadgild_64bit Copy [Running] - Oracle VM VirtualBox". The terminal is running a command to change the permissions of a file in HDFS. The output shows the command being executed and the file's content being displayed.

```
acadmild@localhost:~$ hdfs dfs -cat /user/acadmild/hadoop/max-temp.txt
17/05/02 15:37:36 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
01-04-2017,38
02-04-2017,38
03-04-2017,36
04-04-2017,39
05-04-2017,40
06-04-2017,23
07-04-2017,39
08-04-2017,41
09-04-2017,27
10-04-2017,36
acadmild@localhost ~]$ hdfs dfs -chmod 600 /user/acadmild/hadoop/max-temp.txt
17/05/02 16:24:15 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
acadmild@localhost ~]$ hdfs dfs -cat /user/acadmild/hadoop/max-temp.txt
17/05/02 16:24:41 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
01-04-2017,38
02-04-2017,38
03-04-2017,36
04-04-2017,39
05-04-2017,40
06-04-2017,23
07-04-2017,39
08-04-2017,41
09-04-2017,27
10-04-2017,36
acadmild@localhost ~]$
```

5. File after that changed by the user



The screenshot shows a terminal window titled "Acadgild_64bit Copy [Running] - Oracle VM VirtualBox". The terminal output includes several warning messages from "util.NativeCodeLoader" and a series of HDFS commands and their outputs. The commands executed are:

- `hdfs dfs -cat /user/acadgild/hadoop/max-temp.txt`
- `hdfs dfs -appendToFile - hadoop/max-temp.txt`
- `hdfs dfs -cat /user/acadgild/hadoop/max-temp.txt`

The output of the `cat` commands shows a list of dates in YYYY-MM-DD format, each followed by a comma and a number. The dates are:

- 01-04-2017,38
- 02-04-2017,38
- 03-04-2017,36
- 04-04-2017,39
- 05-04-2017,40
- 06-04-2017,23
- 07-04-2017,39
- 08-04-2017,41
- 09-04-2017,27
- 10-04-2017,36
- 11-04-2017,39
- 12-04-2017,28

The terminal window also shows the prompt `[acadgild@localhost ~]$` and the status bar at the bottom indicates the time is 5:03 PM on 02-May-2017.