# Install Hadoop 3.3.0 on Windows 10 Step by Step Guide



Raymond ⊚ 36,228 ■ 29 🖨 2020-08-01 🔾 2 years ago

# Kontext Big Data Tools on Windows

This detailed step-by-step guide shows you how to install the latest Hadoop v3.3.0 on Windows 10. It leverages Hadoop 3.3.0 winutils tool. WLS (Windows Subsystem for Linux) is not required. This version was released on July 14 2020. It is the first release of Apache Hadoop 3.3 line. There are significant changes compared with Hadoop 3.2.0, such as Java 11 runtime support, protobuf upgrade to 3.7.1, scheduling of opportunistic containers, non-volatile SCM support in HDFS cache directives. etc.

Please follow all the instructions carefully. Once you complete the steps, you will have a shiny pseudo-distributed single node Hadoop to work with.



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## References

Refer to the following articles if you prefer to install other versions of Hadoop or if you want to configure a multi-node cluster or using WSL.

- Install Hadoop 3.3.0 on Windows 10 using WSL (Windows Subsystems for Linux is requried)
- Install Hadoop 3.0.0 on Windows (Single Node)
- Configure Hadoop 3.1.0 in a Multi Node Cluster
- Install Hadoop 3.2.0 on Windows 10 using Windows Subsystem for Linux (WSL)

# Required tools

Before you start, make sure you have these following tools enabled in Windows 10.

Tool	Comments				
PowerShell	We will use this tool to download package.				
	In my system, PowerShell version table is listed below:  \$PSversionTable				
		PSVersion	5.1.19041.1		
	PSEdition	Desktop {1.0, 2.0, 3.0, 4.0} 10.0.19041.1 4.0.30319.42000 3.0			
	PSCompatibleVersions				
	BuildVersion				
	CLRVersion				
	WSManStackVersion				
	PSRemotingProtocolVersion	2.3			
	SerializationVersion	1.1.0.1			
Git Bash or	or We will use Git Bash or 7 Zip to unzip Hadoop binary package.  You can choose to install either tool or any other tool as long as it can unzip *.tar.gz files on Windows.				
7 Zip					
Command Prompt	We will use it to start Hadoop daemons and run some commands as part of the installation process.				
Java JDK	JDK is required to run Hadoop as the framework is built using Java.				
	In my system, my JDK version is jdk1.8.0_161.				
	Check out the supported JDK version on the following page.				
	https://cwiki.apache.org/confluence/display/HADOOP/Hadoop+Java+Versions				
	From Hadoop 3.3.0, Java 11 runtime is now supported.				

Now we will start the installation process.

# Step 1 - Download Hadoop binary package

#### Select download mirror link

Go to download page of the official website:

Apache Download Mirrors - Hadoop 3.3.0

And then choose one of the mirror link. The page lists the mirrors closest to you based on your location. For me, I am choosing the following mirror link:

http://apache.mirror.amaze.com.au/hadoop/common/hadoop-3.3.0/hadoop-3.3.0.tar.gz

In the following sections, this URL will be used to download the package. Your URL might be different from mine and you can replace the link accordingly.

#### Download the package

In this guide, I am installing Hadoop in folder big-data of my F drive (F:\big-data). If you prefer to install on another drive, please remember to change the path accordingly in the following command lines. This directory is also called destination directory in the following sections.

Open PowerShell and then run the following command lines one by one:

```
$dest_dir="F:\big-data"
$url = "http://apache.mirror.amaze.com.au/hadoop/common/hadoop-3.3.0/hadoop-
3.3.0.tar.gz"
$client = new-object System.Net.WebClient
$client.DownloadFile($url,$dest_dir+"\hadoop-3.3.0.tar.gz")
```

It may take a few minutes to download.

Once the download completes, you can verify it:

You can also directly download the package through your web browser and save it to the destination directory.

A

Please keep this PowerShell window open as we will use some variables in this session

in the following steps. If you already closed it, it is okay, just remember to reinitialise the above variables: \$client, \$dest\_dir.

# Step 2 - Unpack the package

Now we need to unpack the downloaded package using GUI tool (like 7 Zip) or command line. For me, I will use git bash to unpack it.

Open git bash and change the directory to the destination folder:

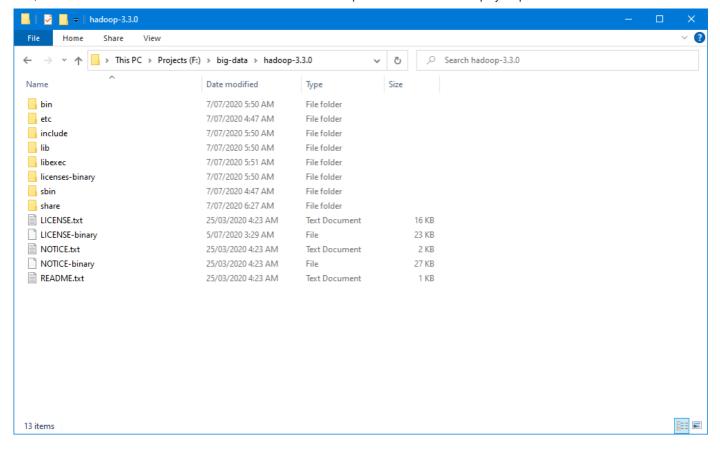
```
cd $dest_dir
```

And then run the following command to unzip:

```
tar -xvzf hadoop-3.3.0.tar.gz
```

The command will take quite a few minutes as there are numerous files included and the latest version introduced many new features.

After the unzip command is completed, a new folder hadoop-3.3.0 is created under the destination folder.



When running the command you may experience errors like the following:

Please ignore it for now.

# Step 3 - Install Hadoop native IO binary

tar: Exiting with failure status due to previous errors

Hadoop on Linux includes optional Native IO support. However Native IO is mandatory on Windows and without it you will not be able to get your installation working. The Windows native IO libraries are not included as part of Apache Hadoop release. Thus we need to build and install it.

The following repository already pre-built Hadoop Windows native libraries: https://github.com/kontext-tech/winutils

These libraries are not signed and there is no guarantee that it is 100% safe. We use it purely for test&learn purpose.

Download all the files in the following location and save them to the bin folder under Hadoop folder. For my environment, the full path is: F:\big-data\hadoop-3.3.0\bin. Remember to change it

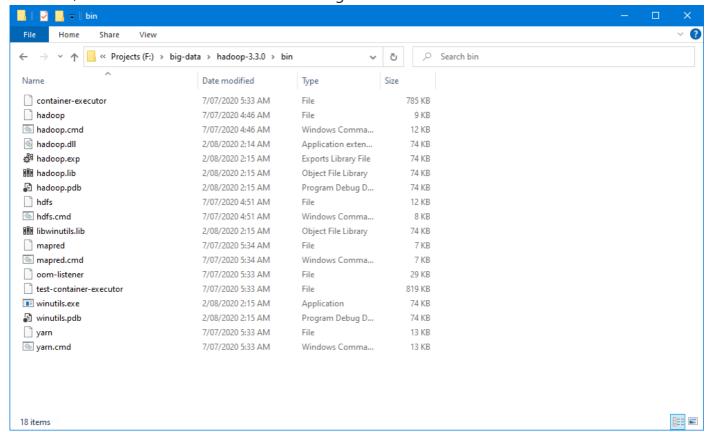
to your own path accordingly.

#### https://github.com/kontext-tech/winutils/tree/master/hadoop-3.3.0/bin

Alternatively, you can run the following commands in the previous PowerShell window to download:

```
$client.DownloadFile("https://github.com/kontext-tech/winutils/tree/master/hadoop-
3.3.0/bin/hadoop.dll",$dest_dir+"\hadoop-3.3.0\bin\"+"hadoop.dll")
$client.DownloadFile("https://github.com/kontext-tech/winutils/tree/master/hadoop-
3.3.0/bin/hadoop.exp",$dest_dir+"\hadoop-3.3.0\bin\"+"hadoop.exp")
$client.DownloadFile("https://github.com/kontext-tech/winutils/tree/master/hadoop-
3.3.0/bin/hadoop.lib",$dest_dir+"\hadoop-3.3.0\bin\"+"hadoop.lib")
$client.DownloadFile("https://github.com/kontext-tech/winutils/tree/master/hadoop-
3.3.0/bin/hadoop.pdb",$dest_dir+"\hadoop-3.3.0\bin\"+"hadoop.pdb")
$client.DownloadFile("https://github.com/kontext-tech/winutils/tree/master/hadoop-
3.3.0/bin/libwinutils.lib",$dest_dir+"\hadoop-3.3.0\bin\"+"libwinutils.lib")
$client.DownloadFile("https://github.com/kontext-tech/winutils/tree/master/hadoop-
3.3.0/bin/winutils.exe",$dest_dir+"\hadoop-3.3.0\bin\"+"winutils.exe")
$client.DownloadFile("https://github.com/kontext-tech/winutils/tree/master/hadoop-
3.3.0/bin/winutils.pdb",$dest_dir+"\hadoop-3.3.0\bin\"+"winutils.pdb")
```

After this, the bin folder looks like the following:



# Step 4 - (Optional) Java JDK installation

Java JDK is required to run Hadoop. If you have not installed Java JDK, please install it.

You can install JDK 8 from the following page:

#### https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html

Once you complete the installation, please run the following command in PowerShell or Git Bash to verify:

```
$ java -version
java version "1.8.0_161"
Java(TM) SE Runtime Environment (build 1.8.0_161-b12)
Java HotSpot(TM) 64-Bit Server VM (build 25.161-b12, mixed mode)
```

If you got error about 'cannot find java command or executable'. Don't worry we will resolve this in the following step.

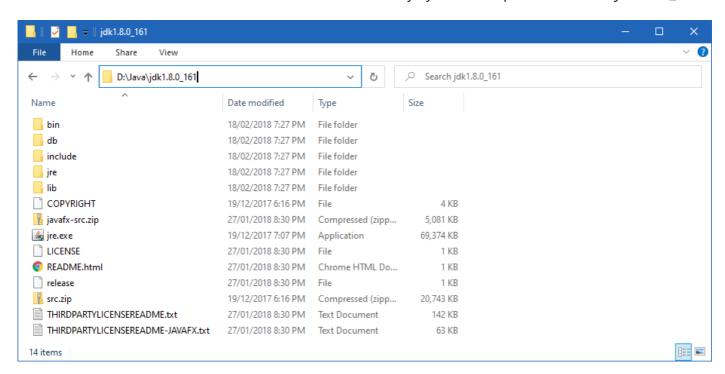
# Step 5 - Configure environment variables

Now we've downloaded and unpacked all the artefacts we need to configure two important environment variables.

#### Configure JAVA\_HOME environment variable

As mentioned earlier, Hadoop requires Java and we need to configure JAVA\_HOME environment variable (though it is not mandatory but I recommend it).

First, we need to find out the location of Java SDK. In my system, the path is: D:\Java\jdk1.8.0\_161.



Your location can be different depends on where you install your JDK.

And then run the following command in the previous PowerShell window:

```
SETX JAVA_HOME "D:\Java\jdk1.8.0_161"
```

Remember to quote the path especially if you have spaces in your JDK path.

You can setup environment variable at system level by adding option /M however just in case you don't have access to change system variables, you can just set it up at user level.

The output looks like the following:

```
➤ Windows PowerShell — □ X

PS F:\big-data> SETX JAVA_HOME "D:\Java\jdk1.8.0_161"

SUCCESS: Specified value was saved.

PS F:\big-data>
```

#### Configure HADOOP HOME environment variable

Similarly we need to create a new environment variable for HADOOP\_HOME using the following command. The path should be your extracted Hadoop folder. For my environment it is: F:\big-data\hadoop-3.3.0.

If you used PowerShell to download and if the window is still open, you can simply run the following command:

```
SETX HADOOP_HOME $dest_dir+"/hadoop-3.3.0"
```

The output looks like the following screenshot:

```
Windows PowerShell

PS F:\big-data> SETX HADOOP_HOME $dest_dir+"/hadoop=3.3.0"

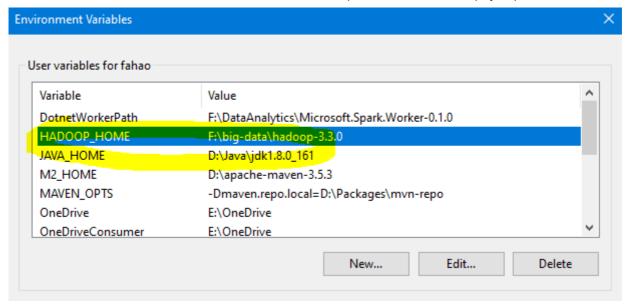
SUCCESS: Specified value was saved.

PS F:\big-data> ______
```

Alternatively, you can specify the full path:

```
SETX HADOOP_HOME "F:\big-data\hadoop-3.3.0"
```

Now you can also verify the two environment variables in the system:



## Configure PATH environment variable

Once we finish setting up the above two environment variables, we need to add the bin folders to the PATH environment variable.

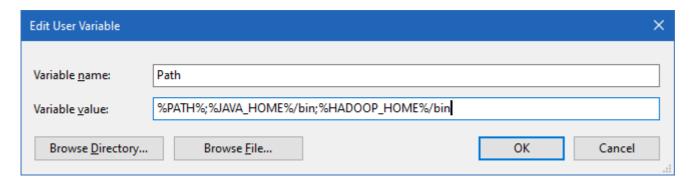
If PATH environment exists in your system, you can also manually add the following two paths to it:

- %JAVA HOME%/bin
- %HADOOP HOME%/bin

Alternatively, you can run the following command to add them:

setx PATH "\$env:PATH;\$env:JAVA\_HOME/bin;\$env:HADOOP\_HOME/bin"

If you don't have other user variables setup in the system, you can also directly add a Path environment variable that references others to make it short:



<u>Close PowerShell window</u> and open a new one and type winutils.exe directly to verify that our above steps are completed successfully:

```
Windows PowerShell
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\Users\fahao.000> <mark>winutils</mark>
Usage: F:\big—data\hadoop—3.2.1\bin\winutils.exe [command] ...
Provide basic command line utilities for Hadoop on Windows.
The available commands and their usages are:
                   Change file mode bits.
Usage: chmod [OPTION] OCTAL-MODE [FILE]
or: chmod [OPTION] MODE [FILE]
Change the mode of the FILE to MODE.
    -R: change files and directories recursively
Each MODE is of the form '[ugoa]*([\rightarrow=]([rwxX]*|[ugo]))+'.
chown
                   Change file owner.
Usage: chown [OWNER][:[GROUP]] [FILE]
Change the owner and/or group of the FILE to OWNER and/or GROUP.
Note:
On Linux, if a colon but no group name follows the user name, the group of
the files is changed to that user's login group. Windows has no concept of
a user's login group. So we do not change the group owner in this case.
                   List user groups.
groups
Usage: groups [OPTIONS] [USERNAME]
Print group information of the specified USERNAME (the current user by default).
OPTIONS: -F format the output by separating tokens with a pipe
hardlink
                   Hard link operations.
Usage: hardlink create [LINKNAME] [FILENAME] |
hardlink stat [FILENAME]
Creates a new hardlink on the existing file or displays the number of links
for the given file
ls
                   List file information.
Usage: ls [OPTIONS] [FILE]
List information about the FILE (the current directory by default)
```

You should also be able to run the following command:

```
hadoop -version
java version "1.8.0_161"

Java(TM) SE Runtime Environment (build 1.8.0_161-b12)

Java HotSpot(TM) 64-Bit Server VM (build 25.161-b12, mixed mode)
```

# Step 6 - Configure Hadoop

Now we are ready to configure the most important part - Hadoop configurations which involves Core, YARN, MapReduce, HDFS configurations.

#### Configure core site

Edit file core-site.xml in %HADOOP\_HOME%\etc\hadoop folder. For my environment, the actual path is F:\big-data\hadoop-3.3.0\etc\hadoop.

Replace configuration element with the following:

#### **Configure HDFS**

Edit file hdfs-site.xml in %HADOOP\_HOME%\etc\hadoop folder.

Before editing, please correct two folders in your system: one for namenode directory and another for data directory. For my system, I created the following two sub folders:

- F:\big-data\data\dfs\namespace\_logs\_330
- F:\big-data\data\dfs\data\_330

Replace configuration element with the following (remember to replace the highlighted paths accordingly):

In Hadoop 3, the property names are slightly different from previous version. Refer to the following official documentation to learn more about the configuration properties:

#### Hadoop 3.3.0 hdfs\_default.xml

For DFS replication we configure it as one as we are configuring just one single node. By default the value is 3.

The directory configuration are not mandatory and by default it will use Hadoop temporary folder. For our tutorial purpose, I would recommend customise the values.

## Configure MapReduce and YARN site

Edit file mapred-site.xml in %HADOOP\_HOME%\etc\hadoop folder.

Replace configuration element with the following:

Edit file yarn-site.xml in %HADOOP\_HOME%\etc\hadoop folder.

# Step 7 - Initialise HDFS & bug fix

Run the following command in Command Prompt

```
hdfs namenode -format
```

The following is an example when it is formatted successfully:

```
Command Prompt
2020-08-02 10:30:24,749 INFO util.GSet: UM type
2020-08-02 10:30:24,750 INFO util.GSet: 0.25% max memory 889 MB = 2.2 MB
2020-08-02 10:30:24,751 INFO util.GSet: capacity
                                                         = 2^18 = 262144 entries
2020-08-02 10:30:24,783 INFO metrics.TopMetrics: NNTop conf: dfs.namenode.top.window.num.buckets = 10
2020-08-02 10:30:24,783 INFO metrics.TopMetrics: NNTop conf: dfs.namenode.top.num.users = 10
2020-08-02 10:30:24,784 INFO metrics.TopMetrics: NNTop conf: dfs.namenode.top.windows.minutes = 1,5,25
2020-08-02 10:30:24,791 INFO namenode.FSNamesystem: Retry cache on namenode is enabled
2020-08-02 10:30:24,792 INFO namenode.FSNamesystem: Retry cache will use 0.03 of total heap and retry cache entry expiry
time is 600000 millis
2020-08-02 10:30:24,809 INFO util.GSet: Computing capacity for map NameNodeRetryCache
2020-08-02 10:30:24,810 INFO util.GSet: UM type = 64-bit
2020-08-02 10:30:24,811 INFO util.GSet: 0.02999999329447746% max memory 889 MB = 273.1 KB
                                                        = 2^15 = 32768 entries
2020-08-02 10:30:24,812 INFO util.GSet: capacity
Re-format filesystem in Storage Directory root= F:\big-data\data\dfs\namespace_logs_330; location= null ? (Y or N) Y
2020-08-02 10:30:28,797 INFO namenode.FSImage: Allocated new BlockPoolId: BP-544386858-192.168.96.1-1596328228760
2020-08-02 10:30:28,798 INFO common.Storage: Will remove files: []
2020-08-02 10:30:29,050 INFO common.Storage: Storage directory F:\big-data\data\dfs\namespace_logs_330 has been successf
ully formatted.
2020-08-02 10:30:29,280 INFO namenode.FSImageFormatProtobuf: Saving image file F:\big-data\data\dfs\namespace_logs_330\
urrent\fsimage.ckpt_000000000000000000000000 using no compression
2020-08-02 10:30:29.619 INFO namenode.FSImageFormatProtobuf: Image file F:\big-data\data\dfs\namespace_logs_330\current\
2020-08-02 10:30:29,718 INFO namenode.NNStorageRetentionManager: Going to retain 1 images with txid >= 0
2020-08-02 10:30:29,726 INFO namenode.FSImage: FSImageSaver clean checkpoint: txid=0 when meet shutdown.
SHUTDOWN_MSG: Shutting down NameNode at raymond-pc/192.168.96.1
F:\big-data\hadoop-3.3.0>
```

## Step 8 - Start HDFS daemons

Run the following command to start HDFS daemons in Command Prompt:

```
%HADOOP_HOME%\sbin\start-dfs.cmd
```

Two Command Prompt windows will open: one for **datanode** and another for **namenode** as the following screenshot shows:

```
Apache Hadoop Distribution - hadoop 71
2020-08-02 10:32:24,980 INFO blockmanagement.BlockManager: Number of over-replicated blocks = 0
2020-08-02 10:32:24,980 INFO blockmanagement.BlockManager: Number of blocks being written = 0
2020-08-02 10:32:24,981 INFO hdfs.StateChange: STATE* Replication Queue initialization scan for invalid, over- and under
-replicated blocks completed in 9 msec
 -192.168.96.1-1596328228760\current\replicas doesn't exist
2020-08-02 10:32:25,946 INFO impl.FsDatasetImpl: Time to add replicas to map for block pool BP-544386858-192.168.96.1-15
96328228760 on volume F:\big-data\data\dfs\data_330: 2ms
2020-08-02 10:32:25,946 INFO impl.FsDatasetImpl: Total time to add all replicas to map for block pool BP-544386858-192.1
68.96.1-1596328228760: 3ms
2020-08-02 10:32:25,948 INFO checker.ThrottledAsyncChecker: Scheduling a check for F:\big-data\data\dfs\data_330
2020-08-02 10:32:25,956 INFO checker.DatasetVolumeChecker: Scheduled health check for volume F:\big-data\data\dfs\data_3
30
2020-08-02 10:32:25,960 INFO datanode.VolumeScanner: Now scanning bpid BP-544386858-192.168.96.1-1596328228760 on volume
 F:\big-data\data\dfs\data_330
2020-08-02 10:32:25,961 INFO datanode.VolumeScanner: VolumeScanner(F:\big-data\data\dfs\data_330, DS-930ee0a2-db01-4a91-
abae-f4b2c5fd1ced): finished scanning block pool BP-544386858-192.168.96.1-1596328228760
2020-08-02 10:32:25,967 WARN datanode.DirectoryScanner: dfs.datanode.directoryscan.throttle.limit.ms.per.sec set to valu
e above 1000 ms/sec. Assuming default value of –1
2020–08–02 10:32:25,968 INFO datanode.DirectoryScanner: Periodic Directory Tree Verification scan starting in 17461933ms
 with interval of 21600000ms and throttle limit of -1ms/s
2020-08-02 10:32:25,974 INFO datanode.DataNode: Block pool BP-544386858-192.168.96.1-1596328228760 (Datanode Uuid a56f46
8a-3a6d-49bf-b3c2-5edb16fc68b3> service to /0.0.0.19000 beginning handshake with NN
2020-08-02 10:32:26,056 INFO datanode.VolumeScanner: VolumeScanner(F:\big-data\data\dfs\data_330, DS-930ee0a2-db01-4a91-
abae-f4b2c5fd1ced): no suitable block pools found to scan. Waiting 1814399904 ms.
2020-08-02 10:32:26,161 INFO datanode.DataNode: Block pool BP-544386858-192.168.96.1-1596328228760 (Datanode Uuid a56f46
 3a-3a6d-49bf-b3c2-5edb16fc68b3) service to /0.0.0:19000 successfully registered with NN
2020-08-02 10:32:26,163 INFO datanode.DataNode: For namenode /0.0.0.0:19000 using BLOCKREPORT_INTERVAL of 21600000msecs
CACHEREPORT_INTERVAL of 10000msecs Initial delay: Omsecs; heartBeatInterval=3000
2020-08-02 10:32:26,470 INFO datanode.DataNode: Successfully sent block report 0x81b04bd0cdaa2c98, containing 1 storage
 report(s), of which we sent 1. The reports had 0 total blocks and used 1 RPC(s). This took 5 msecs to generate and 84 m
secs for RPC and NN processing. Got back one command: FinalizeCommand/5.
2020-08-02 10:32:26,472 INFO datanode.DataNode: Got finalize command for block pool BP-544386858-192.168.96.1-1596328228
```

Verify HDFS web portal UI through this link: http://localhost:9870/dfshealth.html#tab-overview.



# Overview '0.0.0.0:19000' (~active)

Started:	Sun Aug 02 10:32:22 +1000 2020	
Version:	3.3.0, raa96f1871bfd858f9bac59cf2a81ec470da649af	
Compiled:	Tue Jul 07 04:44:00 +1000 2020 by brahma from branch-3.3.0	
Cluster ID:	CID-c56cd334-dca1-49a0-91e1-bbae07253bec	
Block Pool ID:	BP-544386858-192.168.96.1-1596328228760	

# Summary

Security is off.

Safemode is off.

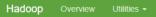
1 files and directories, 0 blocks (0 replicated blocks, 0 erasure coded block groups) = 1 total filesystem object(s).

Heap Memory used 70.57 MB of 243.5 MB Heap Memory. Max Heap Memory is 889 MB.

Non Heap Memory used 47.63 MB of 49.17 MB Committed Non Heap Memory. Max Non Heap Memory is <unbounded>

Configured Capacity:	331.39 GB	
Configured Remote Capacity:	0 B	
DFS Used:	147 B (0%)	
Non DFS Used:	159.94 GB	
DFS Remaining:	171.45 GB (51.74%)	
Block Pool Used:	147 B (0%)	
DataNodes usages% (Min/Median/Max/stdDev):	0.00% / 0.00% / 0.00% / 0.00%	
Live Nodes	1 (Decommissioned: 0, In Maintenance: 0)	

You can also navigate to a data node UI:



#### DataNode on raymond-pc.mshome.net:9866



#### **Block Pools**

Namenode Address	Block Pool ID	Actor State	Last Heartbeat	Last Block Report	Last Block Report Size (Max Size)
0.0.0.0:19000	BP-544386858-192.168.96.1-1596328228760	RUNNING	1s	5 minutes	0 B (128 MB)

#### Volume Information

Directory	StorageType	Capacity Used	Capacity Left	Capacity Reserved	Reserved Space for Replicas	Blocks
F:\big-data\data\dfs\data_330	DISK	147 B	171.45 GB	0 B	0 B	0

Hadoop, 2020

as administrator.

# Step 9 - Start YARN daemons

You may encounter permission issues if you start YARN daemons using normal user. To ensure you don't encounter any issues. Please open a Command Prompt window using Run

Alternatively, you can follow this comment on this page which doesn't require Administrator permission using a local Windows account:

https://kontext.tech/article/377/latest-hadoop-321-installation-on-windows-10-step-by-step-guide#comment314

Run the following command in an elevated Command Prompt window (Run as administrator) to start YARN daemons:

%HADOOP\_HOME%\sbin\start-yarn.cmd

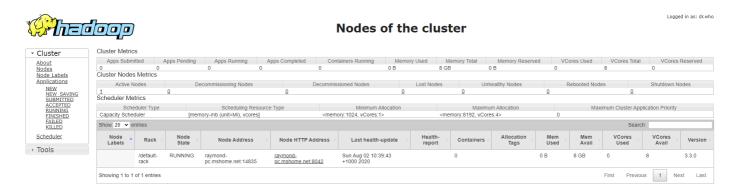
Similarly two Command Prompt windows will open: one for resource manager and another for node manager as the following screenshot shows:



#### Kontext



#### http://localhost:8088



# Step 10 - Verify Java processes

Run the following command to verify all running processes:

jps

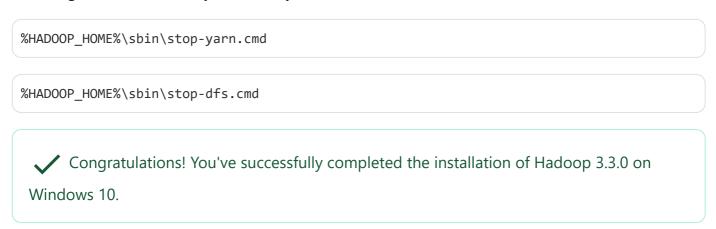
The output looks like the following screenshot:

\* We can see the process ID of each Java process for HDFS/YARN.

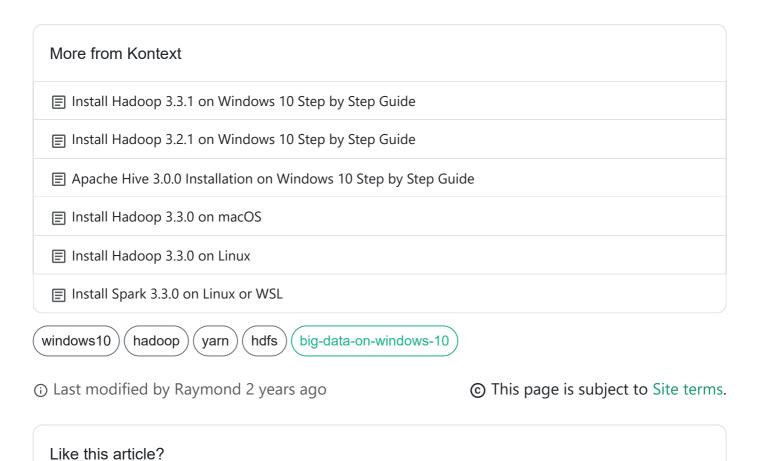


# Step 11 - Shutdown YARN & HDFS daemons

You don't need to keep the services running all the time. You can stop them by running the following commands one by one once you finish the test:



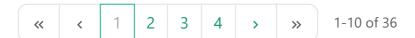
Let me know if you encounter any issues. Enjoy with your latest Hadoop on Windows 10.



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(1) 2 years ago 😄 :

#1499 Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide

#### I need your system information:

OS Name: Microsoft Windows 10 Pro OS Version: 10.0.19043 N/A Build 19043 OS Manufacturer: Microsoft Corporation OS Configuration:

Standalone Workstation

OS Build Type: Multiprocessor Free

x64-based PC System Type:

Processor(s): 1 Processor(s) Installed.

[01]: Intel64 Family 6 Model 94 Stepping 3

GenuineIntel ~2601 Mhz

You can get it from **systeminfo** command.

99

2 Antonio ( 2 years ago

Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide

I'm facing the same issue, do you want my powershell version is

Name Value...

+ Read more

Reply



( 2 years ago 🖨 :

#1498 Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide

I'm facing the same issue, do you want my powershell version is Name Value...

+ Read more

99

2 Raymond ( 2 years ago

Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide

Can you provide your system information here? The one I compiled is for x64 systems.





Raymond

2 years ago 😄 :

#1487 Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide

Thanks for the feedback. I've update it.:)



2 Şahin () 2 years ago

Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide

You could cd \$client\_dir instead of cd F:/big-data





Raymond

() 2 years ago 😄 :

#1486 Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide

Can you provide your system information here? The one I compiled is for x64 systems.



2 Şahin () 2 years ago

Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide

After writing winutils.exe, I get the error:

Program 'winutils.exe' failed to run: The specified executable is not a valid application for this OS platform.At line:

1 char:1

- + .\winutils.exe
- + ~~~~~~~~~~~~

At line:1 char:1

- + .\winutils.exe
- + ~~~~~~~~~~~
  - + CategoryInfo : ResourceUnavailable: (:) [], ApplicationFailedException
  - + FullyQualifiedErrorld : NativeCommandFailed









#1485 Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide

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- 1 char:1
- + .\winutils.exe
- + ~~~~~~~~~~~~

At line:1 char:1

- + .\winutils.exe
- + ~~~~~~~~~~~~
  - + CategoryInfo : ResourceUnavailable: (:) [], ApplicationFailedException
  - + FullyQualifiedErrorld : NativeCommandFailed

Reply





() 2 years ago 😝 :



#1484 Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide

You could cd \$client\_dir instead of cd F:/big-data





#### Raymond

(3 years ago 🖨



#451 Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide

It is confirmed by Naseemuddin that the special build I did for non-English Windows 10 system is working for him:

Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide - Kontext winutils/hadoop-3.3.0-YARN-8246/bin at master · kontext-tech/winutils · GitHub



2 R4F () 3 years ago

Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide

HI did you find a solution i have the same issu..







Raymond

(3 years ago 🖨 :



#450 Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide

Hi Chenhao,

Is this guide working for you?

-Raymond



Chenghao () 3 years ago

Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide

Thank u, it doesn't work after installing it many times, just use yours for a while



R R4F

(3 years ago 🖨 :

#449 Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide

HI did you find a solution i have the same issu..

#### 99

2 Raymond () 3 years ago

Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide

Hi, for the winutils I built for Hadoop 3.3.0, I didn't face any issue like that.

Hadoop 3.3.0 winutils...

+ Read more



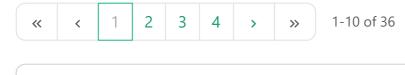
C Chenghao

() 3 years ago 🖨 :

#448 Re: Install Hadoop 3.3.0 on Windows 10 Step by Step Guide

Thank u, it doesn't work after installing it many times, just use yours for a while

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- Install and Run Kafka 2.6.0 On Windows 10
- Install Apache Spark 3.0.0 on Windows 10

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# yarn	
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