Pre-requisite:

1. Install Cassandra db on machine.

Guide used:

https://www.youtube.com/watch?v=hJxlkHafYsQ

Installing Apache Cassandra on Windows in 2021

Download links and version used.

1. python

https://www.python.org

https://www.python.org/downloads/windows/

python-2.7.18.amd64

Python 2.7.18 - April 20, 2020

- **Windows x86-64 MSI installer**

2. openjdk

https://adoptopenjdk.net - prebuilt openjdk

https://adoptium.net/temurin/releases/?os=windows&package=jdk&version=8

**(msi)** OpenJDK8U-jdk\_x64\_windows\_hotspot\_8u382b05

3. cassandra

https://cassandra.apache.org/download/

apache-cassandra-3.11.16-bin.tar

https://archive.apache.org/dist/cassandra/3.11.10/

https://archive.apache.org/dist/cassandra/3.11.16/

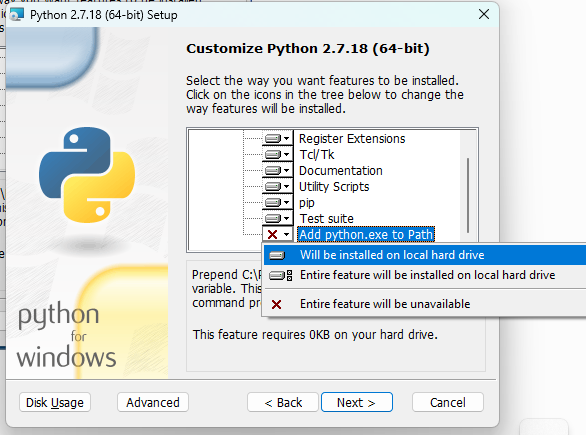
4. 7-zip

https://www.7-zip.org/

7z2301-x64

1. install python

Note: on installation "Customize Python.." – set the “Add python .exe to path”

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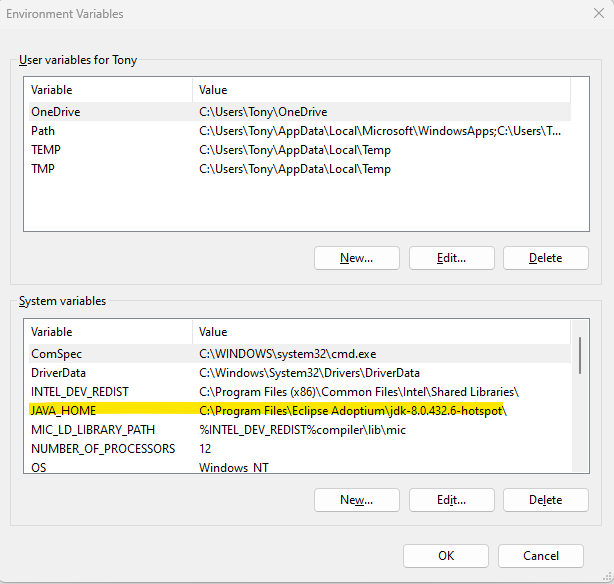
2. Install openjdk

Note: enable the JAVA\_HOME

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Verify JAVA\_HOME in environment variables if set.



Verify Path, bin and python paths were defined. If not existing, you can insert value by click “New”, and map the target path.

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3. install cassandra.

Install 7zip

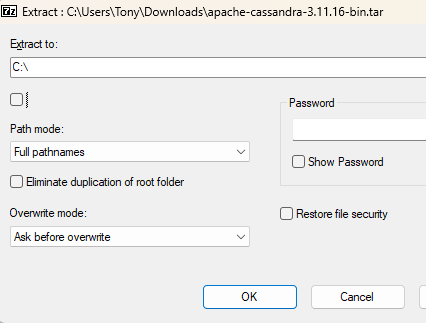
Right click on “apache-cassandra-3.11.16-bin.tar.gz”, select 7-zip, extract to here.

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Extract the .tar file and set the extracted data into “C: \”, and uncheck the path for bin file

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it has “bin” and “conf” folders. bin – where you run your commands

Testing

1. Open CMD
2. Map to C:\apache-cassandra-3.11.16\bin

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1. Typein – “cassandra”

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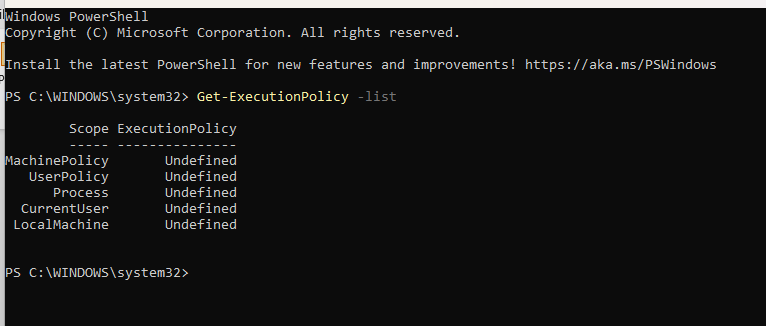
The program exits – wherein it should be running. Fix error messages.

1. For error –

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Set windows powershell admin, and change policy



Note: we want the LocalMachine to be allowed.

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Press Enter, then Y

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A computer screen shot of a computer program

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LocalMachine is now unrestricted.

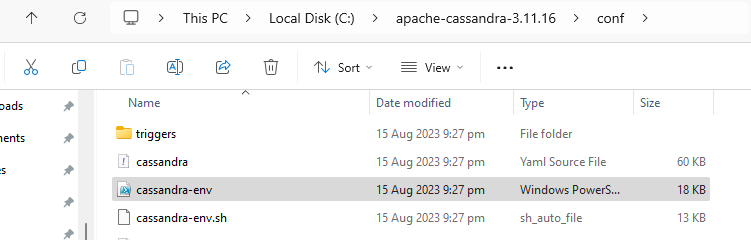
1. For Error

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Close cmd - cassandra

Change the cassandra configuration - C:\apache-cassandra-3.11.16\conf, and check on “cassandra-env”



View – Option – uncheck the “Hide extensions for known file types”.

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It will now show as .ps1 (powershell) file

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Open the file cassandra-env.ps1 (with notepad++) the go to line 357

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Comment out 357 – since not necessary, Save and close



1. Open CMD – cassandra bin again, and type in “cassandra” then hit enter – and see if it runs now.

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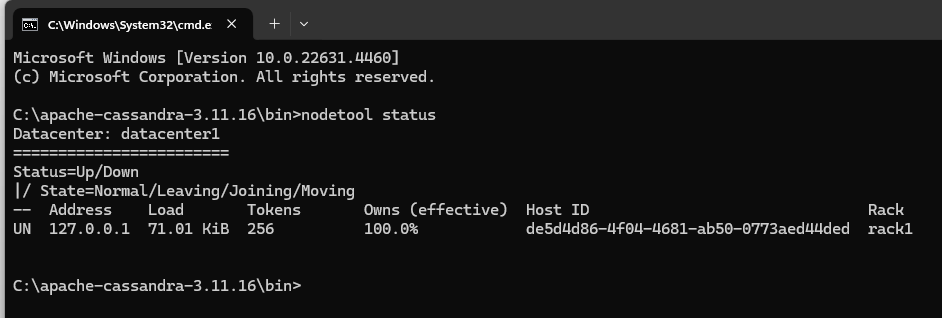
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The prompt is not terminated and seems running.

To test – open another CMD – and mapped to cassandra bin.

Type in command “nodetool status” – this will return the current running instance status



This shows status of 1 node – up and running

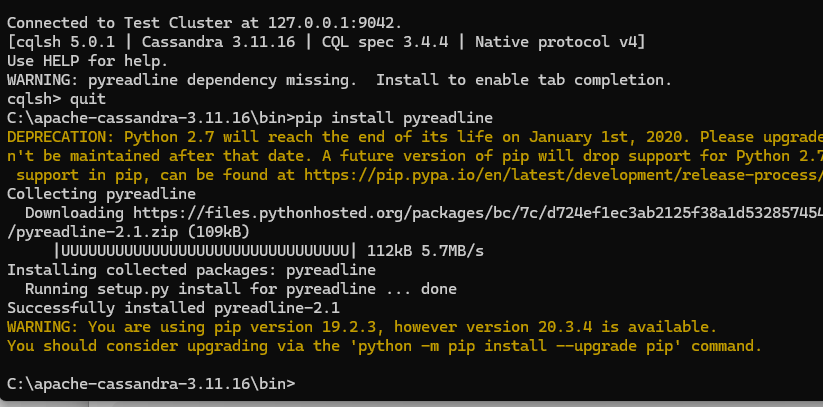
Try using “cqlsh” – cassandra query language

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Note: fix the “pyreadline dependency missing”

Type in “quit”, press “enter” then type in “pip install pyreadline” then press enter



Perform also the suggestion “python -m pip install --upgrade pip”

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Type in “cls” – to clear the screen, press enter, then type in “cqlsh” then press enter

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Notice: warning messages is now gone

Type in – “quit” to close the cqlsh session

Note:

HEAP Settings/Memory – can be set in “jvm.options” file – in C:\apache-cassandra-3.11.16\conf

Timestamp: 16:10

