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HORTONWORKS: SANDBOX CONNECT USING PUTTY (HANDS ON)

By www.HadoopExam.com

Note: These instructions should be used with the HadoopExam Apache Spark: Professional Trainings.
Where it is executed and you can do hands on with trainer.

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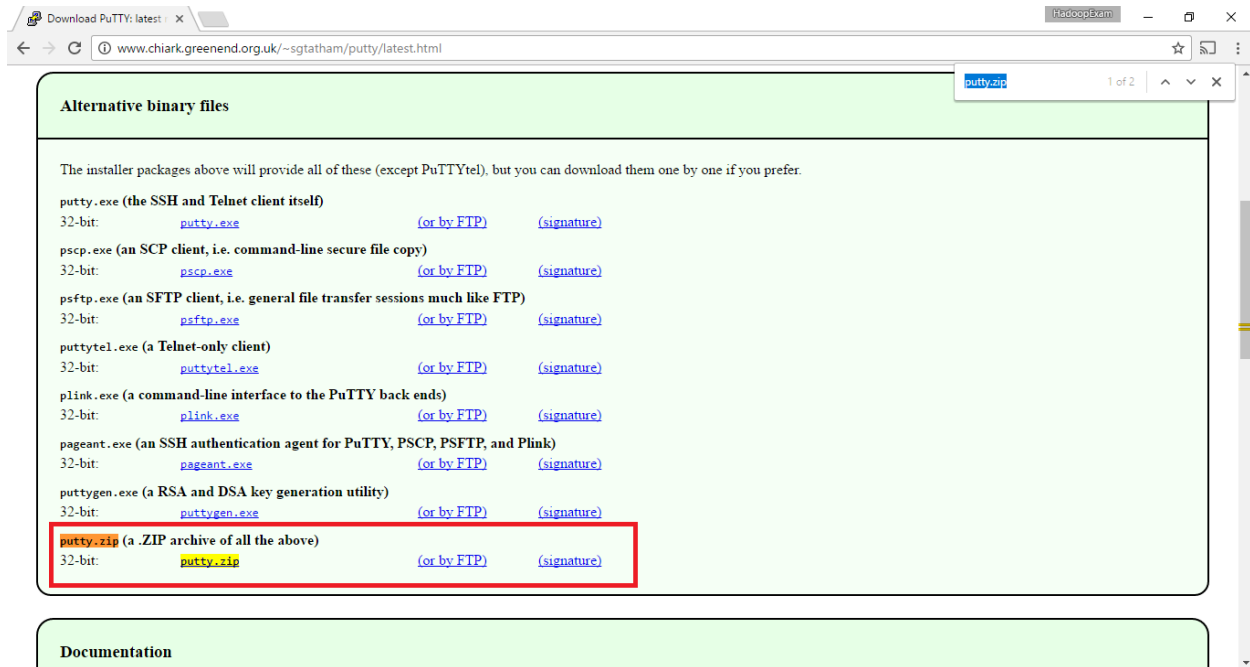
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1. Setup putty to connect sandbox
2. Connect to hive using putty
3. Connect to pig using putty

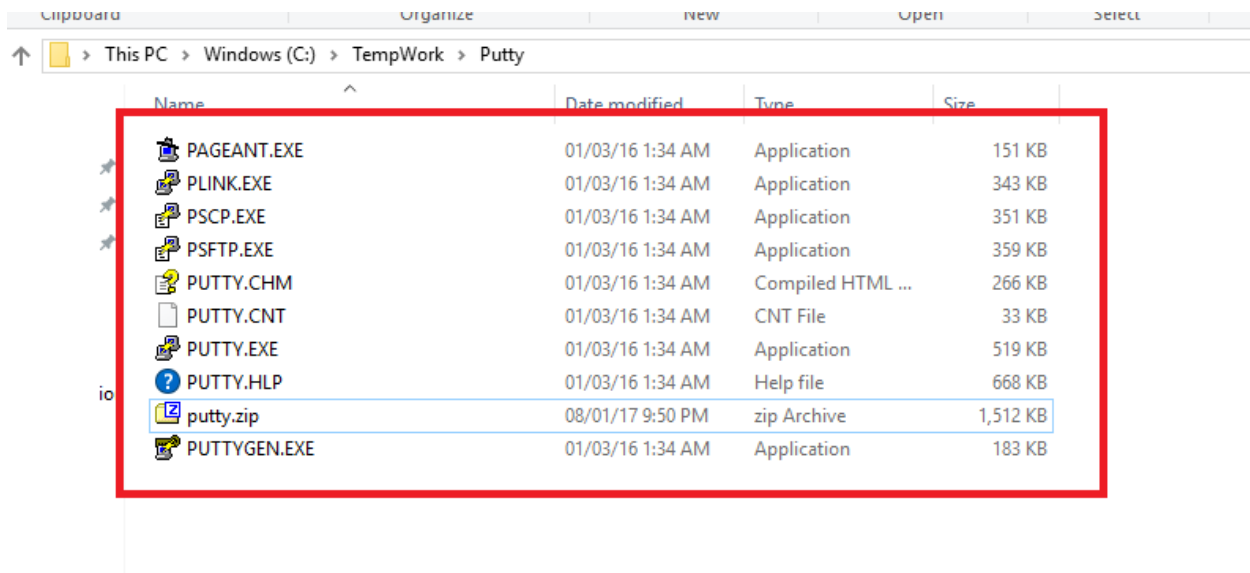
Step 1: Download the putty software.

URL: <http://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html>

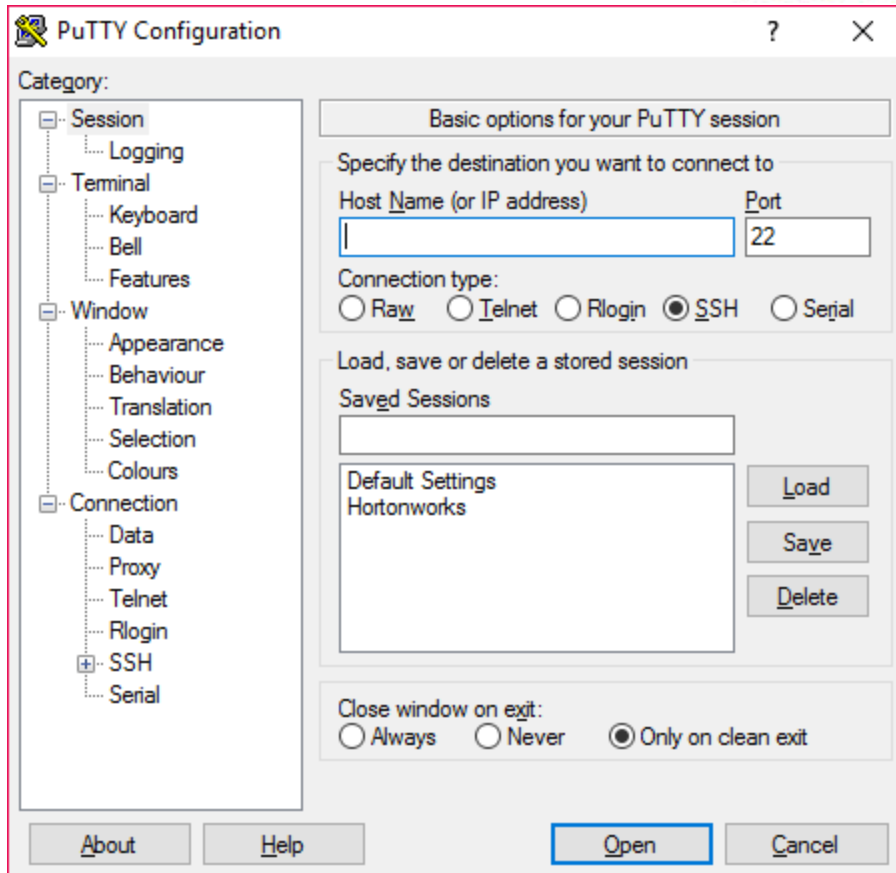
Download: putty.zip archive



Step 2: Once you download it unarchive in some folder and you should see below files. However, not all files will be used. We are interested in only PUTTY.EXE now.



Step 3: Now start putty and sandbox both. Double click on putty.exe . It will open below window.



Step 4: Create session as below :

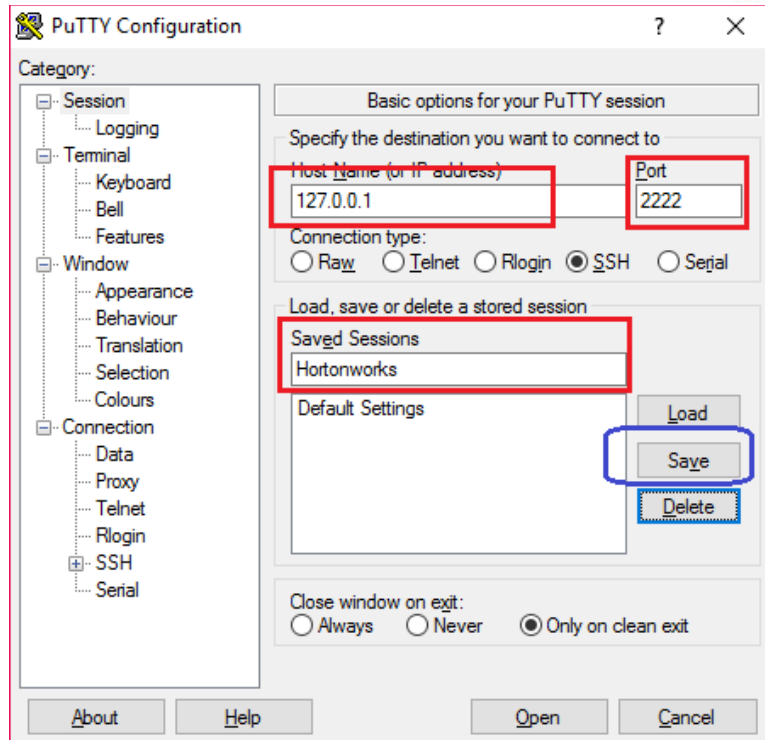
Host Name: 127.0.0.1

Port: 2222

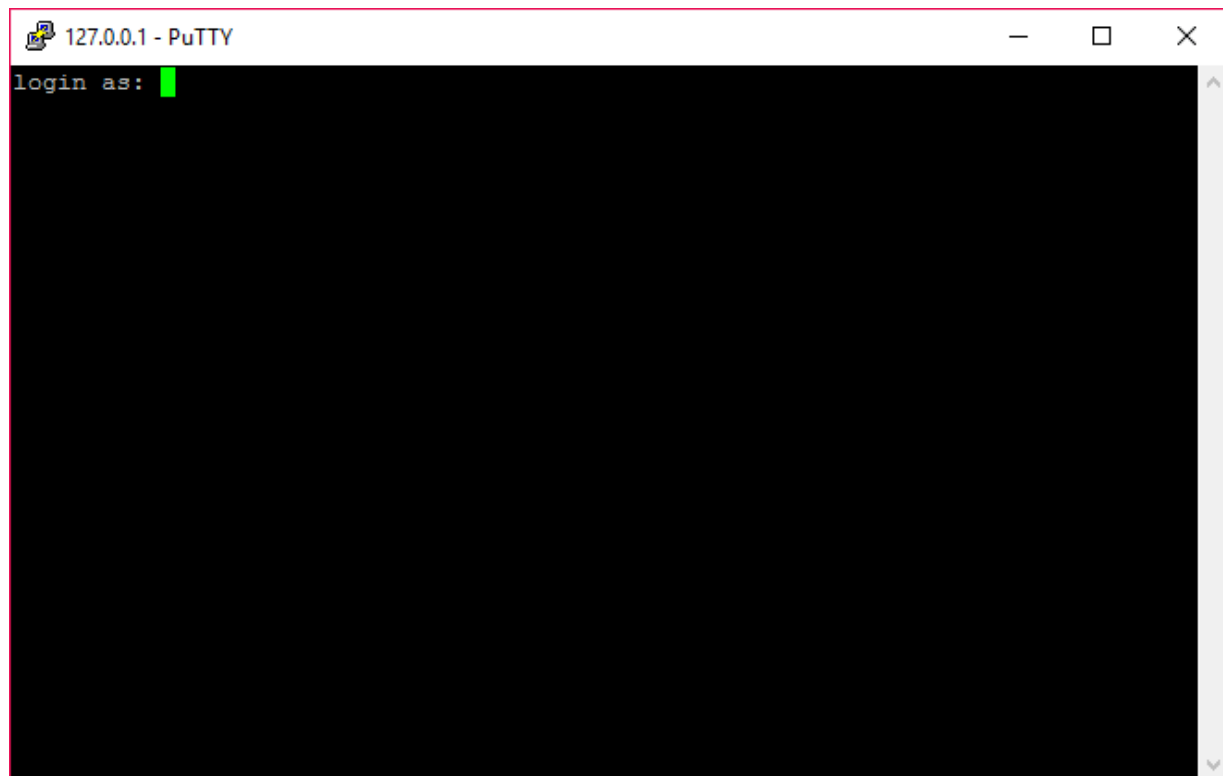
Saved Session: Hortonworks

Now click Save and open

You will see below window



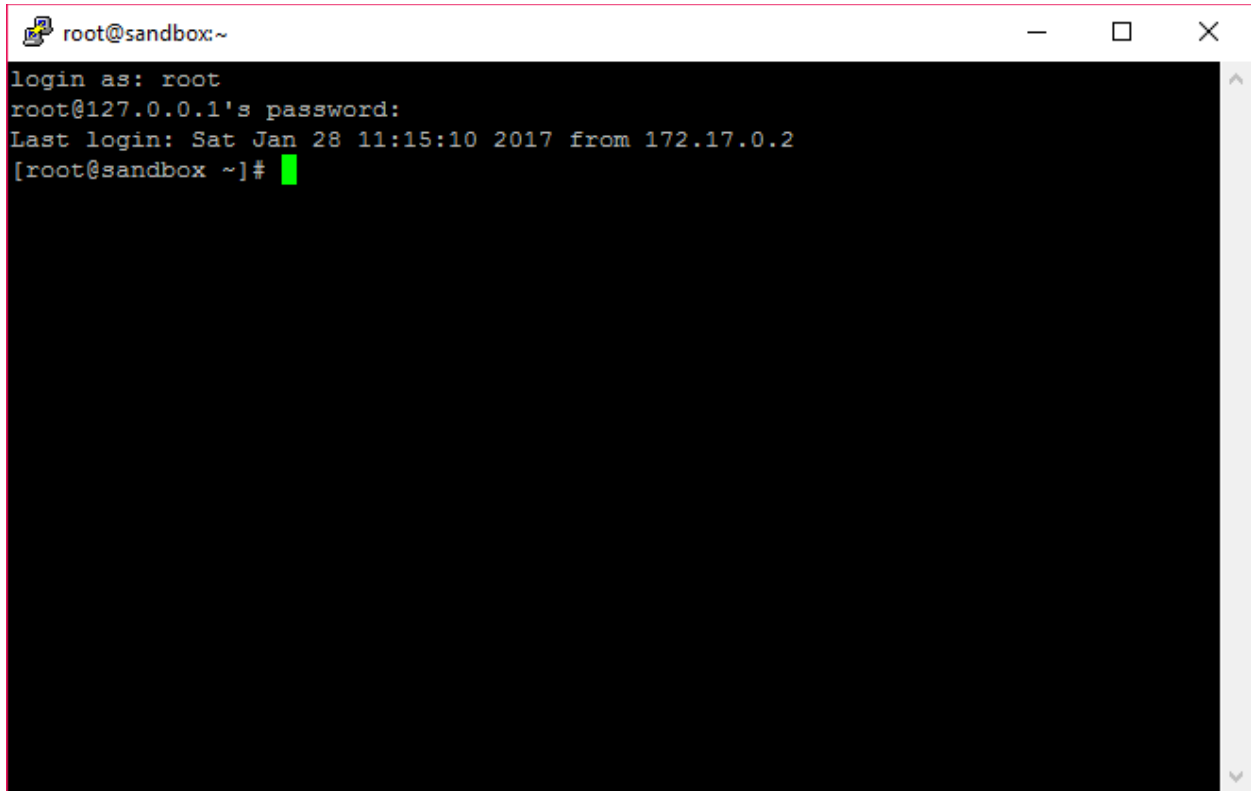
You will see below window



Step 5: Enter user name and password

User : root

Password : quicktechie



```
root@sandbox:~  
login as: root  
root@127.0.0.1's password:  
Last login: Sat Jan 28 11:15:10 2017 from 172.17.0.2  
[root@sandbox ~]#
```

Now we are connected to sandbox.

Step 6: Connect to hive

```
root@sandbox:~  
login as: root  
root@127.0.0.1's password:  
Last login: Sat Jan 28 11:15:10 2017 from 172.17.0.2  
[root@sandbox ~]# hive  
  
Logging initialized using configuration in file:/etc/hive/2.5.0.0-1245/0/hive-log4j.properties  
hive> show tables;  
OK  
sample_07  
sample_08  
Time taken: 3.426 seconds, Fetched: 2 row(s)  
hive> █
```

Let's access Hive warehouse tool, just type hive in terminal.

Step 7: Connect to pig



```
root@sandbox:~  
sample_08  
Time taken: 3.426 seconds, Fetched: 2 row(s)  
hive> exit;  
[root@sandbox ~]# pig  
17/01/28 13:53:52 INFO pig.ExecTypeProvider: Trying ExecType : LOCAL  
17/01/28 13:53:52 INFO pig.ExecTypeProvider: Trying ExecType : MAPREDUCE  
17/01/28 13:53:52 INFO pig.ExecTypeProvider: Picked MAPREDUCE as the ExecType  
2017-01-28 13:53:53,064 [main] INFO org.apache.pig.Main - Apache Pig version 0.  
16.0.2.5.0.0-1245 (rexported) compiled Aug 26 2016, 02:07:35  
2017-01-28 13:53:53,064 [main] INFO org.apache.pig.Main - Logging error message  
s to: /root/pig_1485611633061.log  
2017-01-28 13:53:53,169 [main] INFO org.apache.pig.impl.util.Utils - Default bo  
otup file /root/.pigbootup not found  
2017-01-28 13:53:54,278 [main] INFO org.apache.pig.backend.hadoop.executionengi  
ne.HExecutionEngine - Connecting to hadoop file system at: hdfs://sandbox.horton  
works.com:8020  
2017-01-28 13:53:55,358 [main] INFO org.apache.pig.PigServer - Pig Script ID fo  
r the session: PIG-default-6aa5fc34-ebdc-4092-956d-4ab6492c77c1  
2017-01-28 13:53:55,870 [main] INFO org.apache.hadoop.yarn.client.api.impl.Time  
lineClientImpl - Timeline service address: http://sandbox.hortonworks.com:8188/w  
s/v1/timeline/  
2017-01-28 13:53:56,065 [main] INFO org.apache.pig.backend.hadoop.PigATSClient  
- Created ATS Hook  
grunt>
```

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