**Lab 1) Installation, Starting and Understanding Hadoop Cluster**

Instructions

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1) Download the attached Lab Manual

2) Open a lab having name same as given in Title

3) Wait for the instructions from an Instructor

Ref - HDPDev-PigHive-LabGuide-Rev 6.doc

**Lab 2) Demo: Understanding Block Storage**

Instructions

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1) Download the attached file on windows sharable folder (One you configured during VM creation) - **STAGING\_AREA**

2) Pull it on Linux Machine

3) Create a directory structure /home/cloudera/hdp/pigandhive/labs - **LABS\_HOME**

4) Pull the file into LABS\_HOME/demos

5) Open the Demo in Lab Manual

6) Wait for the instructions of an Instructor

Dataset - stocks.csv

Ref - HDPDev-PigHive-LabGuide-Rev 6.doc

**Lab 3) Lab: Using HDFS Commands**

1) Download the attached files in **STAGING\_AREA**

2) Pull it to **LABS\_HOME**

3) See the **File locations entry** from lab manual and take the appropriate action

4) Follow the instructions in lab manual

Dataset - small\_blocks.txt, data.txt

Ref - HDPDev-PigHive-LabGuide-Rev 6.doc

Timeline = **45 Minutes**

**Lab 4) Ingesting data in hadoop using Java Program**

1] Download the attached file in **STAGING\_AREA**

2] Extract it in that location

3] Create a folder Lab1.2 in **LABS\_HOME**

4] Put the extracted folder in step 2 in above location in step 3

5] Wait for the instructions from an Instructor

Dataset - Lab4/HDFS\_API.rar

**Lab 5) Importing data using sqoop**

1]Download the attached files in **STAGING\_AREA**

2]Create a folder Lab3.1 in **LABS\_HOME**

3]Copy the files in step 1 to step 2 location

4]Wait for the instructions from the trainer.

Dataset - Lab5/\*