Impala Lab Assignment

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Roll No.: TAI&D61

Subject: Data Science

Assignment : Impala Lab Assignment

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ubuntu@ubuntu-OptiPlex-3090:~$ cd impala

ubuntu@ubuntu-OptiPlex-3090:~/impala$ docker network create -d bridge quickstart-network

Error response from daemon: network with name quickstart-network already exists

ubuntu@ubuntu-OptiPlex-3090:~/impala$ export QUICKSTART\_IP=$(docker network inspect quickstart-network -f '{{(index .IPAM.Config 0).Gateway}}')

ubuntu@ubuntu-OptiPlex-3090:~/impala$ export QUICKSTART\_LISTEN\_ADDR=$QUICKSTART\_IP

ubuntu@ubuntu-OptiPlex-3090:~/impala$ docker network create -d bridge quickstart-network

Error response from daemon: network with name quickstart-network already exists

ubuntu@ubuntu-OptiPlex-3090:~/impala$ export QUICKSTART\_IP=$(docker network inspect quickstart-network -f '{{(index .IPAM.Config 0).Gateway}}')

ubuntu@ubuntu-OptiPlex-3090:~/impala$ export QUICKSTART\_LISTEN\_ADDR=$QUICKSTART\_IP

ubuntu@ubuntu-OptiPlex-3090:~/impala$ export QUICKSTART\_LISTEN\_ADDR=0.0.0.0

ubuntu@ubuntu-OptiPlex-3090:~/impala$ export IMPALA\_QUICKSTART\_IMAGE\_PREFIX="apache/impala:81d5377c2-"

ubuntu@ubuntu-OptiPlex-3090:~/impala$ sudo chmod 666 /var/run/docker.sock

[sudo] password for ubuntu:

ubuntu@ubuntu-OptiPlex-3090:~/impala$ docker run --network=quickstart-network -it \

> ^C

ubuntu@ubuntu-OptiPlex-3090:~/impala$ docker-compose -f docker/quickstart.yml up -d

/snap/docker/2746/lib/python3.6/site-packages/paramiko/transport.py:32: CryptographyDeprecationWarning: Python 3.6 is no longer supported by the Python core team. Therefore, support for it is deprecated in cryptography. The next release of cryptography (40.0) will be the last to support Python 3.6.

from cryptography.hazmat.backends import default\_backend

quickstart-hive-metastore is up-to-date

docker\_statestored\_1 is up-to-date

docker\_catalogd\_1 is up-to-date

docker\_impalad-1\_1 is up-to-date

ubuntu@ubuntu-OptiPlex-3090:~/impala$ docker run --network=quickstart-network -it \

> ${IMPALA\_QUICKSTART\_IMAGE\_PREFIX}impala\_quickstart\_client impala-shell

+ [[ 1 -eq 0 ]]

+ [[ impala-shell = \l\o\a\d\\_\t\p\c\d\s ]]

+ [[ impala-shell = \i\m\p\a\l\a\-\s\h\e\l\l ]]

+ shift

+ exec impala-shell --protocol=hs2 --history\_file=/tmp/impalahistory -i docker\_impalad-1\_1

Starting Impala Shell without Kerberos authentication

Opened TCP connection to docker\_impalad-1\_1:21050

Connected to docker\_impalad-1\_1:21050

Server version: impalad version 4.0.0-SNAPSHOT RELEASE (build d2253013f9aae0057a07fe045d90aca440053583)

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Welcome to the Impala shell.

(Impala Shell v3.4.0-RELEASE (9f1c31c) built on Fri Apr 24 14:10:19 PDT 2020)

Want to know what version of Impala you're connected to? Run the VERSION command to

find out!

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[docker\_impalad-1\_1:21050] default> create database Akash;

Query: create database Akash

+----------------------------+

| summary |

+----------------------------+

| Database has been created. |

+----------------------------+

Fetched 1 row(s) in 0.09s

[docker\_impalad-1\_1:21050] default> show databases;

Query: show databases

+------------------+----------------------------------------------+

| name | comment |

+------------------+----------------------------------------------+

| \_impala\_builtins | System database for Impala builtin functions |

| db | |

| db1 | |

| default | Default Hive database |

| akash | |

+------------------+----------------------------------------------+

Fetched 5 row(s) in 0.01s

[docker\_impalad-1\_1:21050] default> create table student(RollNo int,Name string,Subject string,Marks int);

Query: create table student(RollNo int,Name string,Subject string,Marks int)

+-------------------------+

| summary |

+-------------------------+

| Table has been created. |

+-------------------------+

Fetched 1 row(s) in 0.11s

[docker\_impalad-1\_1:21050] default> show tables;

Query: show tables

+---------+

| name |

+---------+

| student |

+---------+

Fetched 1 row(s) in 0.01s

[docker\_impalad-1\_1:21050] default> insert into student values(1,"Akash","DBMS",82);

Query: insert into student values(1,"Akash","DBMS",82)

Query submitted at: 2023-05-17 05:00:39 (Coordinator: http://172.18.0.5:25000)

Query progress can be monitored at: http://172.18.0.5:25000/query\_plan?query\_id=b245aa65229077cd:4c48fbc500000000

Modified 1 row(s) in 0.18s

[docker\_impalad-1\_1:21050] default> insert into student values(2,"Ram","CN",88);

Query: insert into student values(2,"Ram","CN",88)

Query submitted at: 2023-05-17 05:01:04 (Coordinator: http://172.18.0.5:25000)

Query progress can be monitored at: http://172.18.0.5:25000/query\_plan?query\_id=104775c32300cf4d:8fdfa37b00000000

Modified 1 row(s) in 0.21s

[docker\_impalad-1\_1:21050] default> insert into student values(3,"Sita","WT",75);

Query: insert into student values(3,"Sita","WT",75)

Query submitted at: 2023-05-17 05:01:33 (Coordinator: http://172.18.0.5:25000)

Query progress can be monitored at: http://172.18.0.5:25000/query\_plan?query\_id=ce494aed7a68c401:20a5be2e00000000

Modified 1 row(s) in 0.21s

[docker\_impalad-1\_1:21050] default> insert into student values(4,"Laxman","AI",55);

Query: insert into student values(4,"Ravi","AI",55)

Query submitted at: 2023-05-17 05:02:12 (Coordinator: http://172.18.0.5:25000)

Query progress can be monitored at: http://172.18.0.5:25000/query\_plan?query\_id=b243f52be43c3128:da71ffbf00000000

Modified 1 row(s) in 0.20s

[docker\_impalad-1\_1:21050] default> insert into student values(5,"Bharat","CS",35);

Query: insert into student values(5,"Akash","CS",35)

Query submitted at: 2023-05-17 05:02:43 (Coordinator: http://172.18.0.5:25000)

Query progress can be monitored at: http://172.18.0.5:25000/query\_plan?query\_id=9745c08221b06df4:b63387f700000000

Modified 1 row(s) in 0.15s

[docker\_impalad-1\_1:21050] default> select \* from student;

Query: select \* from student

Query submitted at: 2023-05-17 05:02:56 (Coordinator: http://172.18.0.5:25000)

Query progress can be monitored at: http://172.18.0.5:25000/query\_plan?query\_id=f5451fcabe4a9505:2938f12a00000000

+--------+-------+---------+-------+

| rollno | name | subject | marks |

+--------+-------+---------+-------+

| 1 | Akash | DBMS | 82 |

| 2 | Ram | CN | 88 |

| 4 | Sita | AI | 55 |

| 3 | Laxman | WT | 75 |

| 5 | Bharat | CS | 35 |

+--------+-------+---------+-------+

Fetched 5 row(s) in 0.12s

[docker\_impalad-1\_1:21050] default> ^C

[docker\_impalad-1\_1:21050] default>