

Assignment 6 SQOOP TOOL

Task 1 : Export a HDFS file into RDBMS SQL table

Use Sqoop tool to export data present in SQOOPOUT folder made while demo of Import table

We have created a table Person in the class as below and now I am try to put the data into a another RDMS table Persons.

For export the table should be present in RDBMS before running the export command

```
mysql> show tables;
+-----+
| Tables in simplidb |
+-----+
| Person             |
| employee           |
+-----+
2 rows in set (0.00 sec)

mysql> select * from Person;
+-----+-----+-----+-----+-----+
| person_id | lname | fname | area | city |
+-----+-----+-----+-----+-----+
| 1         | Vidya | Sagar | Hitech | Hyderabad |
| 2         | Vidya | Sagar | Hitech | Hyderabad |
| 3         | Vidya | Sagar | Hitech | Hyderabad |
| 4         | Vidya | Sagar | Hitech | Hyderabad |
| 5         | Vidya | Sagar | Hitech | Hyderabad |
| 6         | Vidya | Sagar | Hitech | Hyderabad |
| 7         | Vidya | Sagar | Hitech | Hyderabad |
| 8         | Vidya | Sagar | Hitech | Hyderabad |
| 9         | Vidya | Sagar | Hitech | Hyderabad |
| 10        | Vidya | Sagar | Hitech | Hyderabad |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

mysql> select * from employee;
+-----+-----+
| firstname | lastname |
+-----+-----+
| vidya     | sagar    |
+-----+-----+
1 row in set (0.00 sec)
```

Command for putting SQL data into HDFS

```
sqoop import --connect jdbc:mysql://localhost/simplidb --table Person --username root --password Root@123 --target-dir /sqoopoutP -m 1
```

```
18/08/21 02:42:18 ERROR tool.ExportTool: Encountered IOException running export job: java.io.IOException: No columns to generate for ClassWriter
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ sqoop import --connect jdbc:mysql://localhost/simplidb --table Person --username root --password Root@123 --target-dir /sqoopoutP -m 1
Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin_hadoop-2.0.4-alpha/./hcatalog does not exist! HCatalog jobs will fail.
Please set $HCAT_HOME to the root of your HCatalog installation.
Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin_hadoop-2.0.4-alpha/./accumulo does not exist! Accumulo imports will fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
18/08/21 02:48:13 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6
18/08/21 02:48:13 WARN tool.BaseSqoopTool: Setting your password on the command-line is insecure. Consider using -P instead.
18/08/21 02:48:13 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
18/08/21 02:48:13 INFO tool.CodeGenTool: Beginning code generation
Tue Aug 21 02:48:14 IST 2018 WARN: Establishing SSL connection without server's identity verification is not recommended. According to MySQL 5.5.45+, 5.6.26+ and 5.7.6+ requirements SSL connection must be established by default if explicit option isn't set. For compliance with existing applications not using SSL the verifyServerCertificate property is set to 'false'. You need either to explicitly disable SSL by setting useSSL=false, or set useSSL=true and provide truststore for server certificate verification.
18/08/21 02:48:15 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `Person` AS t LIMIT 1
18/08/21 02:48:15 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `Person` AS t LIMIT 1
18/08/21 02:48:15 INFO orm.CompilationManager: HADOOP MAPRED HOME is /home/acadgild/install/hadoop/hadoop-2.6.5
Note: /tmp/sqoop-acadgild/compile/923ccae2a721491a8f65bd2a0fcf7101/Person.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
18/08/21 02:48:18 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-acadgild/compile/923ccae2a721491a8f65bd2a0fcf7101/Person.jar
18/08/21 02:48:18 WARN manager.MySQLManager: It looks like you are importing from mysql.
18/08/21 02:48:18 WARN manager.MySQLManager: This transfer can be faster! Use the --direct
18/08/21 02:48:18 WARN manager.MySQLManager: option to exercise a MySQL-specific fast path.
18/08/21 02:48:18 INFO manager.MySQLManager: Setting zero DATETIME behavior to convertToNull (mysql)
18/08/21 02:48:18 INFO mapreduce.ImportJobBase: Beginning import of Person
SLF4J: Class path contains multiple SLF4J bindings.
SLF4J: Found binding in [jar:file:/home/acadgild/install/hadoop/hadoop-2.6.5/share/hadoop/common/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: Found binding in [jar:file:/home/acadgild/install/hbase/hbase-1.2.6/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]
```

In SqoopoutP content is saved

```
File Input Format Counters
  Bytes Read=0
File Output Format Counters
  Bytes Written=311
18/08/21 02:48:42 INFO mapreduce.ImportJobBase: Transferred 311 bytes in 23.4498 seconds (13.2624 bytes/sec)
18/08/21 02:48:42 INFO mapreduce.ImportJobBase: Retrieved 10 records.
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ hadoop dfs -ls /sqoopoutP
DEPRECATED: Use of this script to execute hdfs command is deprecated.
Instead use the hdfs command for it.
18/08/21 02:48:55 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 2 items
-rw-r--r-- 1 acadgild supergroup 0 2018-08-21 02:48 /sqoopoutP/_SUCCESS
-rw-r--r-- 1 acadgild supergroup 311 2018-08-21 02:48 /sqoopoutP/part-m-000000
[acadgild@localhost ~]$
[acadgild@localhost ~]$ hadoop dfs -cat /sqoopoutP/part-m-000000
DEPRECATED: Use of this script to execute hdfs command is deprecated.
Instead use the hdfs command for it.
18/08/21 02:49:30 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Hitech,Hyderabad,Sagar,Vidya,1
Hitech,Hyderabad,Sagar,Vidya,2
Hitech,Hyderabad,Sagar,Vidya,3
Hitech,Hyderabad,Sagar,Vidya,4
Hitech,Hyderabad,Sagar,Vidya,5
Hitech,Hyderabad,Sagar,Vidya,6
Hitech,Hyderabad,Sagar,Vidya,7
Hitech,Hyderabad,Sagar,Vidya,8
Hitech,Hyderabad,Sagar,Vidya,9
Hitech,Hyderabad,Sagar,Vidya,10
[acadgild@localhost ~]$
```

Command Used to export the data back to RDBMS SQL db Table Persons

[acadgild@localhost ~]\$ sqoop export --connect jdbc:mysql://localhost/simplidb --username root --password Root@123 --table Persons --export-dir=/sqoopoutP/part-m-00000 -m 1

```
Last login: Tue Aug 21 01:45:14 2018 from 10.0.2.2
[acadgild@localhost ~]$ sqoop export --connect jdbc:mysql://localhost/simplidb --username root --password Root@123 --table Persons --export-dir=/sqoopoutP/part-m-00000 -m 1
Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/.hcatalog does not exist! HCatalog jobs will fail.
Please set $HCAT_HOME to the root of your HCatalog installation.
Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/.accumulo does not exist! Accumulo imports will fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
18/08/21 02:56:07 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6
18/08/21 02:56:07 WARN tool.BaseSqoopTool: Setting your password on the command-line is insecure. Consider using -P instead.
18/08/21 02:56:07 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
18/08/21 02:56:07 INFO tool.CodeGenTool: Beginning code generation
Tue Aug 21 02:56:08 IST 2018 WARN: Establishing SSL connection without server's identity verification is not recommended. According to MySQL 5.5.45+, 5.6.26+ and 5.7.6+ requirements SSL connection must be established by default if explicit option isn't set. For compliance with existing applications not using SSL the verifyServerCertificate property is set to 'false'. You need either to explicitly disable SSL by setting useSSL=false, or set useSSL=true and provide trustsore for server certificate verification.
18/08/21 02:56:09 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `Persons` AS t LIMIT 1
18/08/21 02:56:09 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `Persons` AS t LIMIT 1
18/08/21 02:56:09 INFO orm.CompilationManager: HADOOP_MAPRED_HOME is /home/acadgild/install/hadoop/hadoop-2.6.5
Note: /tmp/sqoop-acadgild/compile/db29626a71f12f9c3a75f26d0b5ed2c9/Persons.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
18/08/21 02:56:12 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-acadgild/compile/db29626a71f12f9c3a75f26d0b5ed2c9/Persons.jar
SLF4J: Class path contains multiple SLF4J bindings.
SLF4J: Found binding in [jar:file:/home/acadgild/install/hadoop/hadoop-2.6.5/share/hadoop/common/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: Found binding in [jar:file:/home/acadgild/install/hbase-1.2.6/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.
SLF4J: Actual binding is of type [org.slf4j.impl.Log4jLoggerFactory]
18/08/21 02:56:12 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
18/08/21 02:56:12 INFO Configuration.deprecation: mapred.jar is deprecated. Instead, use mapreduce.job.jar
18/08/21 02:56:14 INFO Configuration.deprecation: mapred.reduce.tasks.speculative.execution is deprecated. Instead, use mapreduce.reduce.speculative
18/08/21 02:56:14 INFO Configuration.deprecation: mapred.map.tasks.speculative.execution is deprecated. Instead, use mapreduce.map.speculative
18/08/21 02:56:14 INFO Configuration.deprecation: mapred.map.tasks is deprecated. Instead, use mapreduce.job.maps
18/08/21 02:56:14 INFO client.RMProxy: Connecting to ResourceManager at localhost/127.0.0.1:8032
18/08/21 02:56:16 INFO input.FileInputFormat: Total input paths to process : 1
18/08/21 02:56:16 INFO input.FileInputFormat: Total input paths to process : 1
18/08/21 02:56:16 INFO mapreduce.JobSubmitter: number of splits:1
18/08/21 02:56:16 INFO Configuration.deprecation: mapred.map.tasks.speculative.execution is deprecated. Instead, use mapreduce.map.speculative
18/08/21 02:56:16 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1534795797035_0006
18/08/21 02:56:17 INFO Impl.YarnClientImpl: Submitted application application_1534795797035_0006
```

Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/.hcatalog does not exist! HCatalog jobs will fail.

Please set \$HCAT_HOME to the root of your HCatalog installation.

Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/.accumulo does not exist! Accumulo imports will fail.

Please set \$ACCUMULO_HOME to the root of your Accumulo installation.

18/08/21 02:56:07 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6

18/08/21 02:56:07 WARN tool.BaseSqoopTool: Setting your password on the command-line is insecure. Consider using -P instead.

18/08/21 02:56:07 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.

18/08/21 02:56:07 INFO tool.CodeGenTool: Beginning code generation

Tue Aug 21 02:56:08 IST 2018 WARN: Establishing SSL connection without server's identity verification is not recommended. According to MySQL 5.5.45+, 5.6.26+ and 5.7.6+ requirements SSL connection must be established by default if explicit option isn't set. For compliance with existing applications not using SSL the verifyServerCertificate property is set to 'false'. You need either to explicitly disable SSL by setting useSSL=false, or set useSSL=true and provide truststore for server certificate verification.

18/08/21 02:56:09 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `Persons` AS t LIMIT 1

18/08/21 02:56:09 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `Persons` AS t LIMIT 1

18/08/21 02:56:09 INFO orm.CompilationManager: HADOOP_MAPRED_HOME is /home/acadgild/install/hadoop/hadoop-2.6.5

Note: /tmp/sqoop-acadgild/compile/db29626a71f12f9c3a75f26d0b5ed2c9/Persons.java uses or overrides a deprecated API.

Note: Recompile with -Xlint:deprecation for details.

18/08/21 02:56:12 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-acadgild/compile/db29626a71f12f9c3a75f26d0b5ed2c9/Persons.jar

18/08/21 02:56:12 INFO mapreduce.ExportJobBase: Beginning export of Persons

SLF4J: Class path contains multiple SLF4J bindings.

SLF4J: Found binding in [jar:file:/home/acadgild/install/hadoop/hadoop-2.6.5/share/hadoop/common/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF4J: Found binding in [jar:file:/home/acadgild/install/hbase/hbase-1.2.6/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.

SLF4J: Actual binding is of type [org.slf4j.impl.Log4jLoggerFactory]

18/08/21 02:56:12 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

18/08/21 02:56:12 INFO Configuration.deprecation: mapred.jar is deprecated. Instead, use mapreduce.job.jar

18/08/21 02:56:14 INFO Configuration.deprecation: mapred.reduce.tasks.speculative.execution is deprecated. Instead, use mapreduce.reduce.speculative

18/08/21 02:56:14 INFO Configuration.deprecation: mapred.map.tasks.speculative.execution is deprecated. Instead, use mapreduce.map.speculative

18/08/21 02:56:14 INFO Configuration.deprecation: mapred.map.tasks is deprecated. Instead, use mapreduce.job.maps

18/08/21 02:56:14 INFO client.RMProxy: Connecting to ResourceManager at localhost/127.0.0.1:8032

18/08/21 02:56:16 INFO input.FileInputFormat: Total input paths to process : 1

18/08/21 02:56:16 INFO input.FileInputFormat: Total input paths to process : 1

18/08/21 02:56:16 INFO mapreduce.JobSubmitter: number of splits:1

18/08/21 02:56:16 INFO Configuration.deprecation: mapred.map.tasks.speculative.execution is deprecated. Instead, use mapreduce.map.speculative

18/08/21 02:56:16 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1534795797035_0006

18/08/21 02:56:17 INFO impl.YarnClientImpl: Submitted application application_1534795797035_0006

18/08/21 02:56:17 INFO mapreduce.Job: The url to track the job: http://localhost:8088/proxy/application_1534795797035_0006/

18/08/21 02:56:17 INFO mapreduce.Job: Running job: job_1534795797035_0006

18/08/21 02:56:27 INFO mapreduce.Job: Job job_1534795797035_0006 running in uber mode : false

18/08/21 02:56:27 INFO mapreduce.Job: map 0% reduce 0%

18/08/21 02:56:36 INFO mapreduce.Job: map 100% reduce 0%

18/08/21 02:56:37 INFO mapreduce.Job: Job job_1534795797035_0006 completed successfully

18/08/21 02:56:37 INFO mapreduce.Job: Counters: 30

File System Counters

FILE: Number of bytes read=0
FILE: Number of bytes written=127558
FILE: Number of read operations=0
FILE: Number of large read operations=0
FILE: Number of write operations=0
HDFS: Number of bytes read=439
HDFS: Number of bytes written=0
HDFS: Number of read operations=4
HDFS: Number of large read operations=0
HDFS: Number of write operations=0

Job Counters

Launched map tasks=1
Data-local map tasks=1
Total time spent by all maps in occupied slots (ms)=6185
Total time spent by all reduces in occupied slots (ms)=0
Total time spent by all map tasks (ms)=6185
Total vcore-milliseconds taken by all map tasks=6185
Total megabyte-milliseconds taken by all map tasks=6333440

Map-Reduce Framework

Map input records=10
Map output records=10
Input split bytes=125
Spilled Records=0
Failed Shuffles=0
Merged Map outputs=0
GC time elapsed (ms)=112
CPU time spent (ms)=1690
Physical memory (bytes) snapshot=108617728
Virtual memory (bytes) snapshot=2061332480
Total committed heap usage (bytes)=32571392

File Input Format Counters

Bytes Read=0

File Output Format Counters

Bytes Written=0

18/08/21 02:56:37 INFO mapreduce.ExportJobBase: Transferred 439 bytes in 23.1166 seconds (18.9907 bytes/sec)

18/08/21 02:56:37 INFO mapreduce.ExportJobBase: Exported 10 records.

Below is the table.

```
mysql> show tables
-> ;
+-----+
| Tables_in_simplidb |
+-----+
| Person              |
| Persons              |
| employee             |
+-----+
3 rows in set (0.46 sec)

mysql> desc Persons;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| person_id | int(11) | NO | PRI | NULL | |
| lname     | varchar(20) | YES | | NULL | |
| fname     | varchar(20) | YES | | NULL | |
| area      | varchar(20) | YES | | NULL | |
| city      | varchar(20) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select * from Persons;
+-----+-----+-----+-----+-----+
| person_id | lname | fname | area | city |
+-----+-----+-----+-----+-----+
| 1 | Vidya | Sagar | Hitech | Hyderabad |
| 2 | Vidya | Sagar | Hitech | Hyderabad |
| 3 | Vidya | Sagar | Hitech | Hyderabad |
| 4 | Vidya | Sagar | Hitech | Hyderabad |
| 5 | Vidya | Sagar | Hitech | Hyderabad |
| 6 | Vidya | Sagar | Hitech | Hyderabad |
| 7 | Vidya | Sagar | Hitech | Hyderabad |
| 8 | Vidya | Sagar | Hitech | Hyderabad |
| 9 | Vidya | Sagar | Hitech | Hyderabad |
| 10 | Vidya | Sagar | Hitech | Hyderabad |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

Task 2 : To Import a row from RDBMS table to HDFS

Use Sqoop tool to Import data present in SQOOPOUT folder made while demo of Import table

with parameter person_id =3.

Command to put a single row using where clause

```
[acadgild@localhost ~]$ sqoop import --connect jdbc:mysql://localhost/simplidb --
username root --password Root@123 --query 'select * from Person where (person_id=3)
AND $CONDITIONS' --split-by person_id --target-dir /queryoutput
```

```

You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ sqoop import --connect jdbc:mysql://localhost/simplidb --username root --password Root@123 --query 'select * from Person where (person_id=3) AND $CONDITIONS' --split-by person_id --target-dir /queryoutput
Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/./hcatalog does not exist! HCatalog jobs will fail.
Please set $HCAT_HOME to the root of your HCatalog installation.
Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/./accumulo does not exist! Accumulo imports will fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
18/08/21 06:48:52 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6
18/08/21 06:48:52 WARN tool.BaseSqoopTool: Setting your password on the command-line is insecure. Consider using -P instead.
18/08/21 06:48:52 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
18/08/21 06:48:52 INFO tool.CodeGenTool: Beginning code generation
Tue Aug 21 06:48:53 IST 2018 WARN: Establishing SSL connection without server's identity verification is not recommended. According to MySQL 5.5.45+, 5.6.26+ and 5.7.6+ requirements SSL connection must be established by default if explicit option isn't set. For compliance with existing applications not using SSL the verifyServerCertificate property is set to 'false'. You need either to explicitly disable SSL by setting useSSL=false, or set useSSL=true and provide trustsore for server certificate verification.
18/08/21 06:48:54 INFO manager.SqlManager: Executing SQL statement: select * from Person where (person_id=3) AND (1 = 0)
18/08/21 06:48:54 INFO manager.SqlManager: Executing SQL statement: select * from Person where (person_id=3) AND (1 = 0)
18/08/21 06:48:54 INFO manager.SqlManager: Executing SQL statement: select * from Person where (person_id=3) AND (1 = 0)
18/08/21 06:48:54 INFO orm.CompilationManager: HADOOP_MAPRED_HOME is /home/acadgild/install/hadoop/hadoop-2.6.5
Note: /tmp/sqoop-acadgild/compile/82af7d7bfd14a23d1fb977e967af1b65/QueryResult.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
18/08/21 06:48:57 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-acadgild/compile/82af7d7bfd14a23d1fb977e967af1b65/QueryResult.jar
18/08/21 06:48:57 INFO mapreduce.ImportJobBase: Beginning query import.
SLF4J: Class path contains multiple SLF4J bindings.
SLF4J: Found binding in [jar:file:/home/acadgild/install/hadoop/hadoop-2.6.5/share/hadoop/common/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: Found binding in [jar:file:/home/acadgild/install/hbase/hbase-1.2.6/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.
SLF4J: Actual binding is of type [org.slf4j.impl.Log4jLoggerFactory]
18/08/21 06:48:57 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
18/08/21 06:48:57 INFO Configuration.deprecation: mapred.jar is deprecated. Instead, use mapreduce.job.jar
18/08/21 06:48:58 INFO Configuration.deprecation: mapred.map.tasks is deprecated. Instead, use mapreduce.job.maps
18/08/21 06:48:58 INFO client.RMProxy: Connecting to ResourceManager at localhost/127.0.0.1:8032
Tue Aug 21 06:49:01 IST 2018 WARN: Establishing SSL connection without server's identity verification is not recommended. According to MySQL 5.5.45+, 5.6.26+ and 5.7.6+ requirements SSL connection must be established by default if explicit option isn't set. For compliance with existing applications not using SSL the verifyServerCertificate property is set to 'false'. You need either to explicitly disable SSL by setting useSSL=false, or set useSSL=true and provide truststore for server certificate verification.
18/08/21 06:49:01 INFO db.DBInputFormat: Using read committed transaction isolation
18/08/21 06:49:01 INFO db.DataDrivenDBInputFormat: BoundingValsQuery: SELECT MIN(person_id), MAX(person_id) FROM (select * from Person where (person_id=3) AND (1 = 1) ) AS t1

```

ort MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

You have new mail in /var/spool/mail/acadgild

```

[acadgild@localhost ~]$ sqoop import --connect jdbc:mysql://localhost/simplidb --username root --password Root@123 --query 'select *
from Person where (person_id=3) AND $CONDITIONS' --split-by person_id --target-dir /queryoutput

```

Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/./hcatalog does not exist! HCatalog jobs will fail.

Please set \$HCAT_HOME to the root of your HCatalog installation.

Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/./accumulo does not exist! Accumulo imports will fail.

Please set \$ACCUMULO_HOME to the root of your Accumulo installation.

18/08/21 06:48:52 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6

18/08/21 06:48:52 WARN tool.BaseSqoopTool: Setting your password on the command-line is insecure. Consider using -P instead.

18/08/21 06:48:52 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.

18/08/21 06:48:52 INFO tool.CodeGenTool: Beginning code generation

Tue Aug 21 06:48:53 IST 2018 WARN: Establishing SSL connection without server's identity verification is not recommended. According to MySQL 5.5.45+, 5.6.26+ and 5.7.6+ requirements SSL connection must be established by default if explicit option isn't set. For compliance with existing applications not using SSL the verifyServerCertificate property is set to 'false'. You need either to explicitly disable SSL by setting useSSL=false, or set useSSL=true and provide truststore for server certificate verification.

18/08/21 06:48:54 INFO manager.SqlManager: Executing SQL statement: select * from Person where (person_id=3) AND (1 = 0)

18/08/21 06:48:54 INFO manager.SqlManager: Executing SQL statement: select * from Person where (person_id=3) AND (1 = 0)

18/08/21 06:48:54 INFO manager.SqlManager: Executing SQL statement: select * from Person where (person_id=3) AND (1 = 0)

18/08/21 06:48:54 INFO orm.CompilationManager: HADOOP_MAPRED_HOME is /home/acadgild/install/hadoop/hadoop-2.6.5

Note: /tmp/sqoop-acadgild/compile/82af7d7bfd14a23d1fb977e967af1b65/QueryResult.java uses or overrides a deprecated API.

Note: Recompile with -Xlint:deprecation for details.

18/08/21 06:48:57 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-acadgild/compile/82af7d7bfd14a23d1fb977e967af1b65/QueryResult.jar

18/08/21 06:48:57 INFO mapreduce.ImportJobBase: Beginning query import.

SLF4J: Class path contains multiple SLF4J bindings.

SLF4J: Found binding in [jar:file:/home/acadgild/install/hadoop/hadoop-2.6.5/share/hadoop/common/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF4J: Found binding in [jar:file:/home/acadgild/install/hbase/hbase-1.2.6/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.

SLF4J: Actual binding is of type [org.slf4j.impl.Log4jLoggerFactory]

18/08/21 06:48:57 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

18/08/21 06:48:57 INFO Configuration.deprecation: mapred.jar is deprecated. Instead, use mapreduce.job.jar

18/08/21 06:48:58 INFO Configuration.deprecation: mapred.map.tasks is deprecated. Instead, use mapreduce.job.maps

18/08/21 06:48:58 INFO client.RMProxy: Connecting to ResourceManager at localhost/127.0.0.1:8032

Tue Aug 21 06:49:01 IST 2018 WARN: Establishing SSL connection without server's identity verification is not recommended. According to MySQL 5.5.45+, 5.6.26+ and 5.7.6+ requirements SSL connection must be established by default if explicit option isn't set. For compliance with existing applications not using SSL the verifyServerCertificate property is set to 'false'. You need either to explicitly disable SSL by setting useSSL=false, or set useSSL=true and provide truststore for server certificate verification.

18/08/21 06:49:01 INFO db.DBInputFormat: Using read committed transaction isolation

18/08/21 06:49:01 INFO db.DataDrivenDBInputFormat: BoundingValsQuery: SELECT MIN(person_id), MAX(person_id) FROM (select * from Person where (person_id=3) AND (1 = 1)) AS t1

18/08/21 06:49:01 INFO mapreduce.JobSubmitter: number of splits:1

18/08/21 06:49:02 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1534805353587_0002

18/08/21 06:49:02 INFO impl.YarnClientImpl: Submitted application application_1534805353587_0002

18/08/21 06:49:02 INFO mapreduce.Job: The url to track the job: http://localhost:8088/proxy/application_1534805353587_0002/

18/08/21 06:49:02 INFO mapreduce.Job: Running job: job_1534805353587_0002

18/08/21 06:49:13 INFO mapreduce.Job: Job job_1534805353587_0002 running in uber mode : false

18/08/21 06:49:13 INFO mapreduce.Job: map 0% reduce 0%

18/08/21 06:49:22 INFO mapreduce.Job: map 100% reduce 0%

18/08/21 06:49:22 INFO mapreduce.Job: Job job_1534805353587_0002 completed successfully

18/08/21 06:49:22 INFO mapreduce.Job: Counters: 30

File System Counters

FILE: Number of bytes read=0

FILE: Number of bytes written=127946

FILE: Number of read operations=0

FILE: Number of large read operations=0

FILE: Number of write operations=0

HDFS: Number of bytes read=109

HDFS: Number of bytes written=31

HDFS: Number of read operations=4

HDFS: Number of large read operations=0

HDFS: Number of write operations=2

Job Counters

Launched map tasks=1

Other local map tasks=1

Total time spent by all maps in occupied slots (ms)=6307

Total time spent by all reduces in occupied slots (ms)=0

Total time spent by all map tasks (ms)=6307

Total vcore-milliseconds taken by all map tasks=6307

Total megabyte-milliseconds taken by all map tasks=6458368

Map-Reduce Framework

Map input records=1

Map output records=1

Input split bytes=109

Spilled Records=0

Failed Shuffles=0

Merged Map outputs=0

GC time elapsed (ms)=125

CPU time spent (ms)=1860

Physical memory (bytes) snapshot=110280704

Virtual memory (bytes) snapshot=2063437824

Total committed heap usage (bytes)=32571392

File Input Format Counters

Bytes Read=0

File Output Format Counters

Bytes Written=31

18/08/21 06:49:22 INFO mapreduce.ImportJobBase: Transferred 31 bytes in 24.1274 seconds (1.2848 bytes/sec)

18/08/21 06:49:22 INFO mapreduce.ImportJobBase: Retrieved 1 records.

In queryoutput folder the one record is present

```
[acadgild@localhost ~]$ hdfs dfs -ls /queryoutput
18/08/21 07:15:10 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 2 items
-rw-r--r-- 1 acadgild supergroup          0 2018-08-21 06:49 /queryoutput/_SUCCESS
-rw-r--r-- 1 acadgild supergroup        31 2018-08-21 06:49 /queryoutput/part-m-000000
[acadgild@localhost ~]$ hdfs dfs -cat /queryoutput/part-m-000000
18/08/21 07:15:33 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
3,Vidya,Sagar,Hitech,Hyderabad
[acadgild@localhost ~]$
```

```
[acadgild@localhost ~]$ hdfs dfs -ls /queryoutput
```

18/08/21 07:15:10 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Found 2 items

```
-rw-r--r-- 1 acadgild supergroup          0 2018-08-21 06:49 /queryoutput/_SUCCESS
```



```
-rw-r--r-- 1 acadgild supergroup    31 2018-08-21 06:49 /queryoutput/part-m-00000
```

```
[acadgild@localhost ~]$ hdfs dfs -cat /queryoutput/part-m-00000
```

```
18/08/21 07:15:33 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
```

```
3,Vidya,Sagar,Hitech,Hyderabad
```

```
[acadgild@localhost ~]$
```