

Reported issues

- Hbase shell cannot connect to zookeeper
- HDFS REST API unable to connect to hadoop-httpfs service
- beeline failed to connect to MetaStore Server
- Typically this is because the service is not running and can be fixed by starting the relevant services.

Zookeeper not running

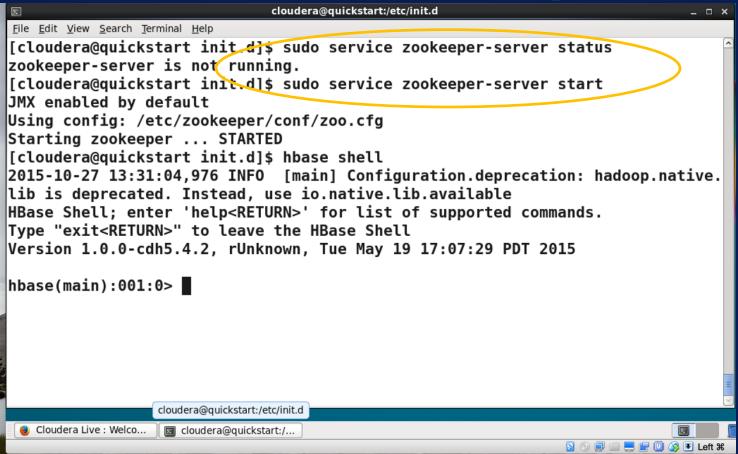
 Commands to check status and start: sudo service zookeeper-server status sudo service zookeeper-server start

(See next few slides for snapshots)

Zookeeper not running

```
cloudera@quickstart:/etc/init.d
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File Edit View Search Terminal Help
[cloudera@quickstart init.d]$ hbase shell
2015-10-27 13:29:37,318 INFO [main] Configuration.deprecation: hadoop.native.
lib is deprecated. Instead, use io.native.lib.available
2015-10-27 13:29:56,878 ERROR [main] zookeeper.RecoverableZookeeper Zookeeper
 exists failed after 4 attempts
2015-10-27 13:29:56,879 WARN [main] zookeeper.ZKUtil: hconnection-0x3ade87500
x0, quorum=localhost:2181, baseZNode=/hbase Unable to set watcher on znode (/h
base/hbaseid)
org.apache.zookeeper.KeeperException$ConnectionLossException: KeeperErrorCode
= ConnectionLoss for /hbase/hbaseid
        at org.apache.zookeeper.KeeperException.create(KeeperException.java:99
        at org.apache.zookeeper.KeeperException.create(KeeperException.java:51
        at org.apache.zookeeper.ZooKeeper.exists(ZooKeeper.java:1041)
        at org.apache.hadoop.hbase.zookeeper.RecoverableZooKeeper.exists(Recov
erableZooKeeper.java:222)
        at org.apache.hadoop.hbase.zookeeper.ZKUtil.checkExists(ZKUtil.java:48
1)
        at org.apache.hadoop.hbase.zookeeper.ZKClusterId.readClusterIdZNode(ZK
                 cloudera@quickstart-/etc/init.d.
```

Start Zookeeper



MetaStore restart

Commands to check status and restart:

sudo service hive-metastore status
sudo service hive-metastore start

(See few next slides for snapshots)

Beeline error: MetaStore not running

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                               cloudera@quickstart:/etc/init.d
                                                                                 File Edit View Search Terminal Help
[cloudera@quickstart init.d]$ beeline -u jdbc:hive2://
scan complete in 4ms
Connecting to jabc:hive2://
15/10/27 09:48:04 [main]: WARN hive.metastore: Failed to connect to the MetaStor
e Server...
15/10/27 09:48:05 [main]: WARN hive.metastore: Failed to connect to the MetaStor
le Server...
15/10/27 09:48:06 [main]: WARN hive.metastore: Failed to connect to the MetaStor
e Server...
java.lang.RuntimeException: Unable to instantiate org.apache.hadoop.hive.ql.meta
data.SessionHiveMetaStoreClient
Beeline version 1.1.0-cdh5.4.2 by Apache Hive
0: jdbc:hive2:// (closed)>
0: jdbc:hive2:// (closed)>
```

Check MetaStore status and restart

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File Edit View Search Terminal Help
[cloudera@quickstart init.d]$ sudo service hive-metastore status
Hive Metastore is not running
                                                              [FAILED]
[cloudera@quickstart init.d]$ sudo service hive-server2 status
Hive Server2 is not running
                                                              [FAILED]
[cloudera@quickstart init.d]$ sudo service hive-server2 start
Started Hive Server2 (hive-server2):
                                                                 OK
[cloudera@quickstart init.d]$ sudo service hive-metastore start
Starting Hive Metastore (hive-metastore):
[cloudera@guickstart init.d]$ sudo service hive-metastore status
Hive Metastore is running
[cloudera@quickstart init.d]$ sudo service hive-server2 status
Hive Server2 is running
                                                                 OK
[cloudera@quickstart init.d]$
```

Check to see if Beeline works

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cloudera@quickstart:/etc/init.d
File Edit View Search Terminal Help
[cloudera@quickstart init.d]$ beeline -u jdbc:hive2://
scan complete in 2ms
Connecting to jdbc:hive2://
Added [/usr/lib/hive/lib/hive-contrib.jar] to class path
Added resources: [/usr/lib/hive/lib/hive-contrib.jar]
Connected to: Apache Hive (version 1.1.0-cdh5.4.2)
Driver: Hive JDBC (version 1.1.0-cdh5.4.2)
Transaction isolation: TRANSACTION REPEATABLE READ
Beeline version 1.1.0-cdh5.4.2 by Apache Hive
0: jdbc:hive2://>
```

 Commands to check status and start: sudo service hadoop-httpfs status sudo service hadoop-httpfs start

(See next few slides for snapshots)

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cloudera@quickstart:/etc/init.d
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File Edit View Search Terminal Help
[cloudera@quickstart init.d]$ surl -i "http://quickstart.cloudera:14000/webhdfs/
v1/user/cloudera?user.name=cloudera&op=GETF1₺ESTATUS"
curl: (7) couldn't connect to host
[cloudera@quickstart init.d]$
[cloudera@quickstart init.d] service hadoop-httpfs status
Hadoop httpfs is not running
                                                            [FAILED]
[cloudera@quickstart init.dl$ sudo service hadoop-httpfs start
Setting HTTPFS HOME:
                             /usr/lib/hadoop-httpfs
        HTTPFS CONFIG:
                              /etc/hadoop-httpfs/conf
Usina
Sourcing:
                             /etc/hadoop-httpfs/conf/httpfs-env.sh
Using
        HTTPFS LOG:
                              /var/log/hadoop-httpfs/
        HTTPFS TEMP:
                              /var/run/hadoop-httpfs
Usina
Setting HTTPFS HTTP PORT:
                              14000
Setting HTTPFS ADMIN PORT:
                               14001
Setting HTTPFS HTTP HOSTNAME: quickstart.cloudera
Setting HTTPFS SSL ENABLED: false
Setting HTTPFS SSL KEYSTORE FILE:
                                      /var/lib/hadoop-httpfs/.keystore
Setting HTTPFS SSL KEYSTORE PASS:
                                      password
Using
        CATALINA BASE:
                             /var/lib/hadoop-httpfs/tomcat-deployment
```

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cloudera@quickstart:/etc/init.d
                                                                              File Edit View Search Terminal Help
Using CATALINA_TMPDIR: /var/run/hadoop-httpfs
Using JRE HOME: /usr/java/jdk1.7.0 67-cloudera
Using CLASSPATH: /usr/lib/bigtop-tomcat/bin/bootstrap.jar
Using CATALINA PID: /var/run/hadoop-httpfs/hadoop-httpfs-httpfs.pid
Started Hadoop httpfs (hadoop-httpfs):
[cloudera@quickstart init.d]$
```

```
cloudera@quickstart:/etc/init.d
                                                                              File Edit View Search Terminal Help
Using JRE HOME: /usr/java/jdk1.7.0 67-cloudera
Using CLASSPATH: /usr/lib/bigtop-tomcat/bin/bootstrap.jar
Using CATALINA PID: /var/run/hadoop-httpfs/hadoop-httpfs-httpfs.pid
Started Hadoop httpfs (hadoop-httpfs):
 [cloudera@quickstart init.d]$ service hadoop-httpfs status
Hadoop httpfs is running
 [cloudera@guickstart init.d]$ curl -i "http://guickstart.cloudera:14000/webhdfs/
v1/user/cloudera?user.name=cloudera&op=GETFILESTATUS"
HTTP/1.1 200 OK
Server: Apache-Covote/1.1
Set-Cookie: hadoop.auth="u=cloudera&p=cloudera&t=simple&e=1445999524870&s=sBJbcF
PUvjPm5z2FxnUKNumo1Fo="; Path=/; Expires=Wed, 28-Oct-2015 02:32:04 GMT; HttpOnly
Content-Type: application/json
Transfer-Encoding: chunked
Date: Tue, 27 Oct 2015 16:32:06 GMT
 {"FileStatus":{"pathSuffix":"","type":"DIRECTORY","length":0,"owner":"cloudera",
 "group":"cloudera","permission":"755","accessTime":0,"modificationTime":14338462
37536, "blockSize": 0, "replication": 0}}
[cloudera@quickstart init.d]$
```