**Environment Issues**

1. **Storm Issue**

Issue with the storm component on the Hortonworks sandbox set up on the Grosvenor desktop is that the storm UI doesn’t get loaded on the browser. (the service called Nimbus is not starting)

Initially, tried stopping the storm service and restarting the same but it is not coming up.

**Resolution**:

Uninstall Storm component and install it. remove the symlinks if any

To reinstall storm service within the cluster managed by Ambari, we need to:

1. Stop Storm service from Ambari web UI.
2. Remove the Storm service using Ambari API call:

curl -s -u admin:admin -H “X-Requested-By: Sandbox” -X PUT -d ‘{“RequestInfo”:{“context”:”Stop storm”},”Body”:{“ServiceInfo”:{“state”:”INSTALLED”}}}’ http://sandbox.hortonworks.com/:8080/api/v1/clusters/Sandbox/services/STORM

curl -s -u admin:admin -H “X-Requested-By: Sandbox” -X DELETE http://sandbox.hortonworks.com:8080/api/v1/clusters/Sandbox/services/STORM

If the service doesnt get stopped, it should be removed from the ambari database

ambari=> delete from hostcomponentstate where component\_name='STORM\_REST\_API';

ambari=> delete from hostcomponentdesiredstate where component\_name='STORM\_REST\_API';

ambari=> delete from servicecomponentdesiredstate where component\_name='STORM\_REST\_API';

1. Delete Storm configuration from Ambari database

- stop ambari server

# ambari-server stop

- Login to Ambari database and delete the storm-site configuration of version1 ( here version1 is the version\_tag value for version=1 i.e 'INITIAL')

psql> delete from clusterconfig where type\_name = 'storm-site' and version\_tag='version1';

psql> delete from clusterconfigmapping where type\_name = 'storm-site' and version\_tag='version1';

1. Start ambari server

# amabri-server start

1. start ambari agent

# ambari-agent restart

1. Use the 'Add service' function in Ambari Web UI to install Storm service again.
2. **Hive Issues**

Hive shell is not getting started on Grosvenor environment. Gives the below error.

[GvAdmin@sandbox /]$ hive

WARNING: Use "yarn jar" to launch YARN applications.

Logging initialized using configuration in file:/etc/hive/2.4.0.0-169/0/hive-log4j.properties

Exception in thread "main" java.lang.RuntimeException: org.apache.hadoop.service.ServiceStateException: java.io.IOException: /ats/active does not exist

        at org.apache.hadoop.hive.ql.session.SessionState.start(SessionState.java:507)

        at org.apache.hadoop.hive.cli.CliDriver.run(CliDriver.java:680)

        at org.apache.hadoop.hive.cli.CliDriver.main(CliDriver.java:624)

        at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

        at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)

        at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

        at java.lang.reflect.Method.invoke(Method.java:606)

        at org.apache.hadoop.util.RunJar.run(RunJar.java:221)

        at org.apache.hadoop.util.RunJar.main(RunJar.java:136)

Caused by: org.apache.hadoop.service.ServiceStateException: java.io.IOException: /ats/active does not exist

        at org.apache.hadoop.service.ServiceStateException.convert(ServiceStateException.java:59)

        at org.apache.hadoop.service.AbstractService.start(AbstractService.java:204)

        at org.apache.hadoop.yarn.client.api.impl.YarnClientImpl.serviceStart(YarnClientImpl.java:194)

        at org.apache.hadoop.service.AbstractService.start(AbstractService.java:193)

        at org.apache.tez.client.TezYarnClient.start(TezYarnClient.java:51)

        at org.apache.tez.client.TezClient.start(TezClient.java:317)

        at org.apache.hadoop.hive.ql.exec.tez.TezSessionState.open(TezSessionState.java:196)

        at org.apache.hadoop.hive.ql.exec.tez.TezSessionState.open(TezSessionState.java:117)

        at org.apache.hadoop.hive.ql.session.SessionState.start(SessionState.java:504)

        ... 8 more

Caused by: java.io.IOException: /ats/active does not exist at org.apache.hadoop.yarn.client.api.impl.TimelineClientImpl.serviceStart(TimelineClientImpl.java:375)

        at org.apache.hadoop.service.AbstractService.start(AbstractService.java:193)

        ... 15 more

**Solution:**

Got to yarn-site.xml in /usr/hdp/2.4.0.0-169/hadoop/conf folder

Check the value in the property *yarn.timeline-service.entity-group-fs-store.active-dir*

**<property>**

**<name>yarn.timeline-service.entity-group-fs-store.active-dir</name>**

**<value>**/ats/active/**</value>**

**</property>**

Either change the value to an existing folder or create new directory in hdfs with the name /ats/active

1. **Drill Connectivity issue**

Not able to add storage plugin for Microsoft SQL server . Gives error as

"**Please retry**: **error** (**unable to create**/ **update storage**)"

**Solution**

Add the jdbc jar file for Mssql server in the path /apache-drill-1.3.0/jars/3rdparty

The jars that should be added are sqljdbc41.jar, sqljdbc42.jar, sqljdbc4.jar, sqljdbc.jar

The default port for MSSQL is 1433, but inspite of adding the necessary connections, the connection failed.

1. Check if the server has a fire wall
2. Check the actual port number .

Goto Control panel->windows firewall->Monitoring ( Firewall)->

Check for the Name with SQL server Database Engine(TCP-In)->check the port number.

In the Grosvenor environment, it was 55413. Hence putting 1433 (default port) will not work.

4.Flume error while running agent continuously - java.lang.OutOfMemoryError: GC overhead limit exceeded

Solution :

Add below line in flume-env.sh – ( Path of flume-env.sh - /usr/hdp/2.4.0.0-169/flume/conf/flume-env.sh)

**export JAVA\_OPTS="-Xms2000m -Xmx16000m -Xss256k -XX:MaxDirectMemorySize=256m -XX:+UseParNewGC -XX:+UseConcMarkSweepGC"**