Assignment 11.2 ( Flume)

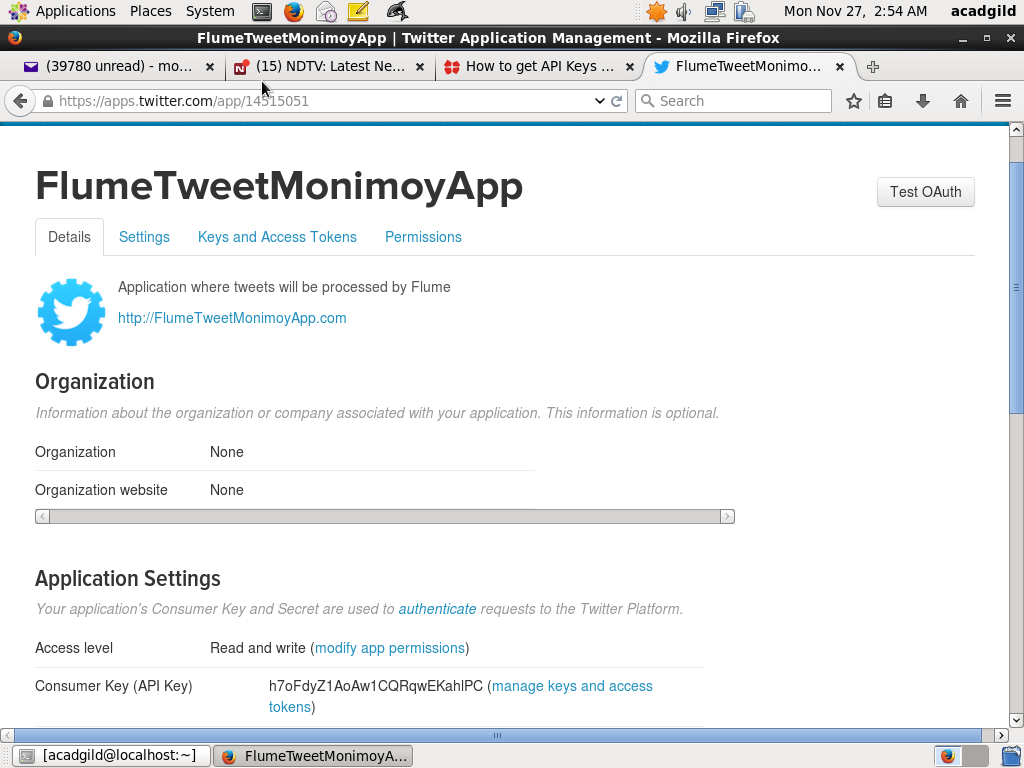
Step1: Create a application in twitter

Created an account in twitter.

Using the link <https://apps.twitter.com/app/new>

Created a flume application FlumeTweetMonimoyApp and note down all the keys

Screenshot is as below:



Step2: Create a flume configuration file

Create the flume configuration file with source as Twitter, Sink as HDFS file /user/acadgild/tweets and memory channel is used. For use agent consumerKey, consumerSecret , accessToken, accessTokenSecret are copied from the application created

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| --- |
| twitter\_agent.sources = Twitter |
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| twitter\_agent.channels = MemChannel |
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| twitter\_agent.sinks = HDFS |
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| --- |
| twitter\_agent.sources.Twitter.type = org.apache.flume.source.twitter.TwitterSource |
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| --- |
| twitter\_agent.sources.Twitter.consumerKey = h7oFdyZ1AoAw1CQRqwEKahlPC |
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| --- |
| twitter\_agent.sources.Twitter.consumerSecret = QMOJfv6zRYk9xPBfN4FXR4zCzJAJsWli3xOXVUeFnP1rzZ5ERV |
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| --- |
| twitter\_agent.sources.Twitter.accessToken = 3922347372-cJPOjagLfh0Omxj5WLTlwXS1ClxO5zbKUTVvhZh |
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| --- |
| twitter\_agent.sources.Twitter.accessTokenSecret = Q2UjTfkde3JYMJeq1WLThv4n68BBlIBlQECShIswMOjJl |
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| twitter\_agent.sinks.HDFS.type = hdfs |
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| twitter\_agent.sinks.HDFS.hdfs.path = hdfs://localhost:9000/user/acadgild/tweets |
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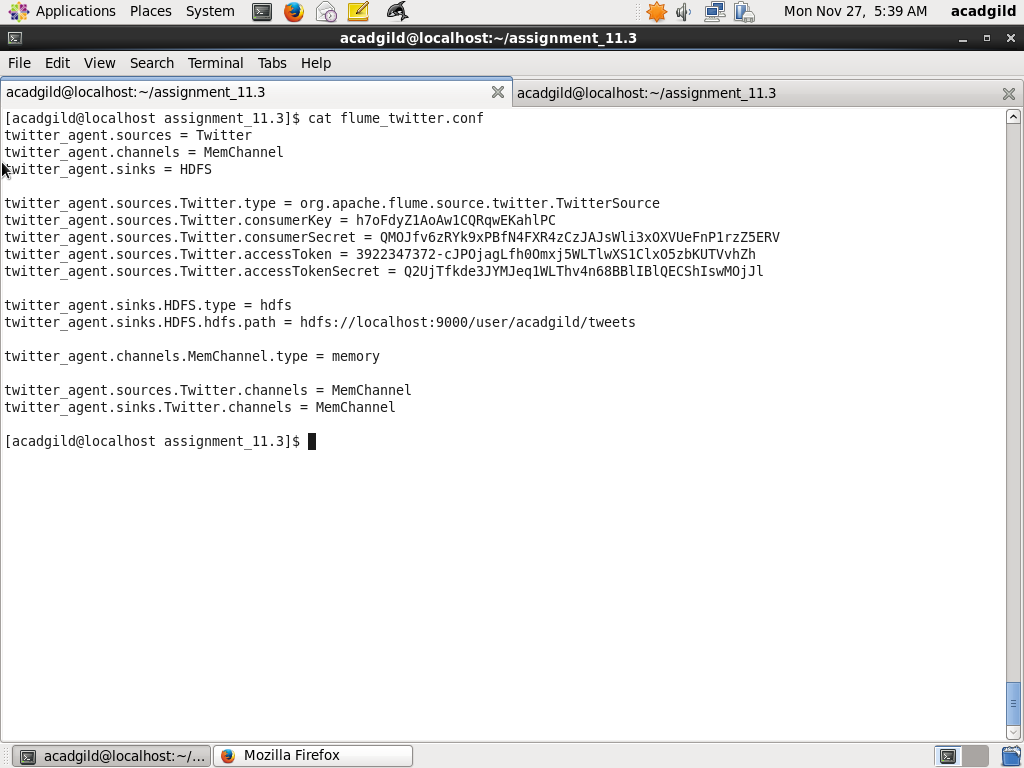
|  |
| --- |
| twitter\_agent.channels.MemChannel.type = memory |
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| --- |
| twitter\_agent.sources.Twitter.channels = MemChannel |
|  |

twitter\_agent.sinks.Twitter.channels = MemChannel

Screenshot is as below:

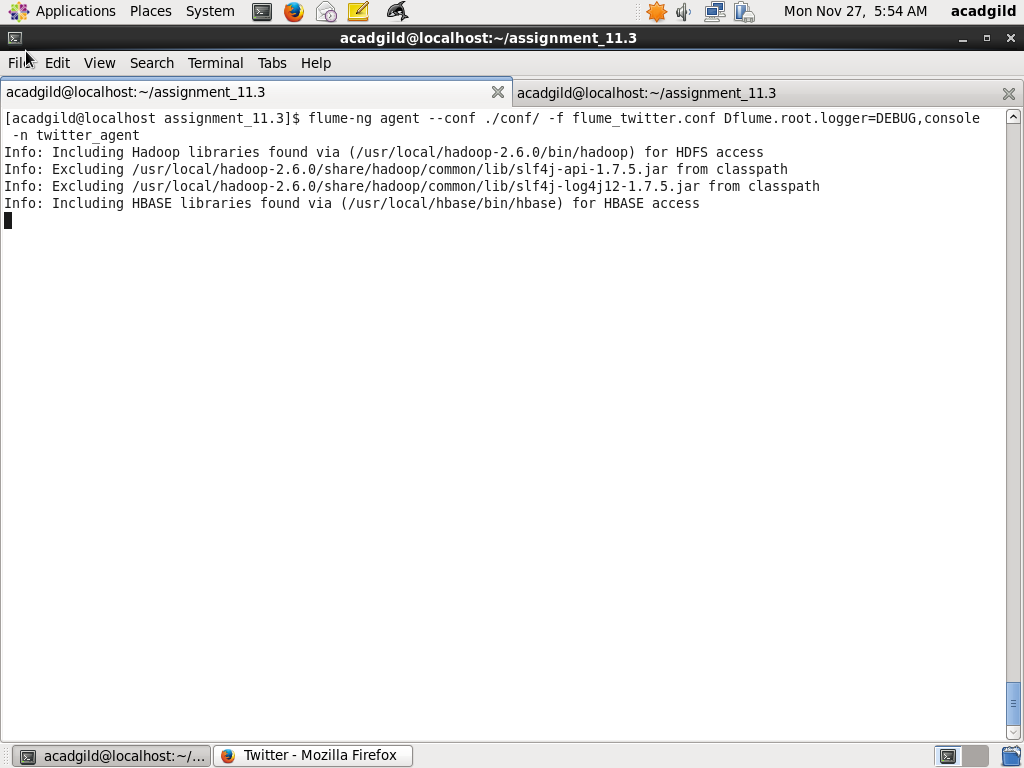


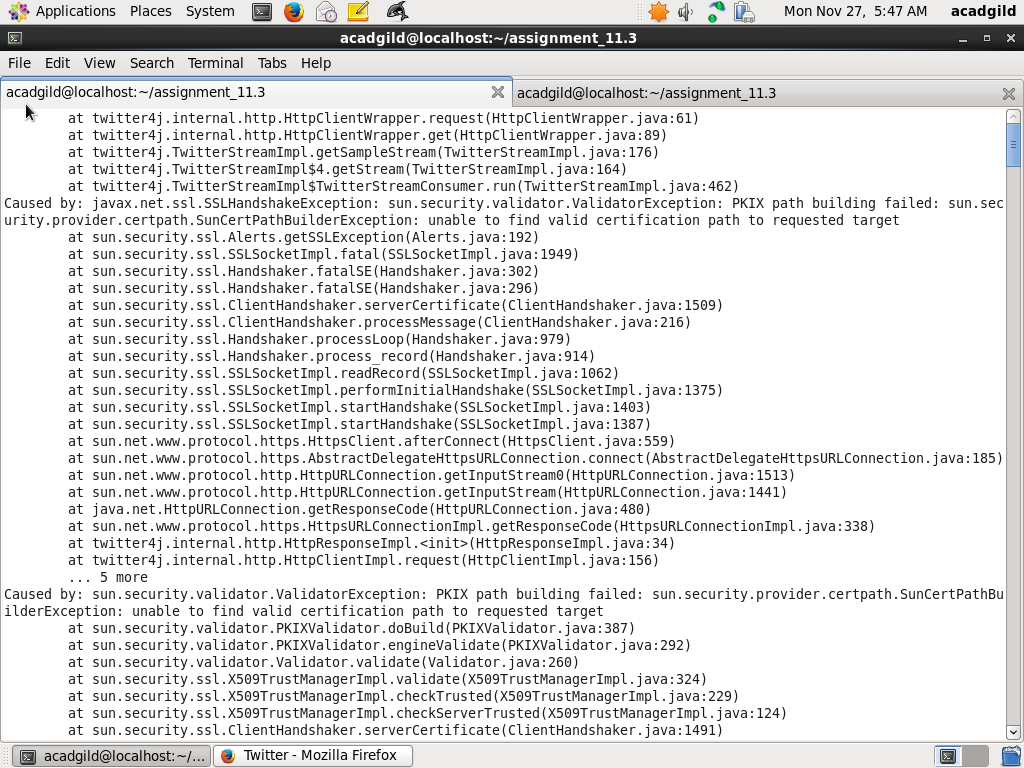
Step3 :

Start flume using the command below:

flume-ng agent --conf /home/acadgild/assignment\_11.2 --conf-file home/acadgild/assignment\_11.2 /twitter\_flume.conf --name twitter\_agent

Screenshot is as below:





NOTE: I have noticed a exception below. Raising a support ticket for this