#Name the components on this Agent

Agent101.sources = netcat-source

Agent101.channels = memory-channel #data coming from netcat is saved in memory-channel

Agent101.sinks = logger-sink # Display the data thats its

# Describe/Configure Source

Agent101.sources.netcat-source.type = netcat

Agent101.sources.netcat-source.bind = sandbox.hortonworks.com

Agent101.sources.netcat-source.port = 44444

# Describe the Sink

Agent101.sinks.logger-sink.type = logger

# use channel which buffers events in memory

Agent101.channels.memory-channel.type = memory

Agent101.channels.memory-channel.capacity = 1000 #capacity 100o bytes

Agent101.channels.memory-channel.transactioncapacity = 100

# Bind the source and sink to the channel

Agent101.sources.netcat-sources.channels = memory-channel

Agent101.sinks.logger-sink.channel = memory-channel

After making this conf file save it into directory

/usr/hdp/2.2.4.2-2/flume/conf

copy that Agent101.conf file here

to run that conf file we need to go to bin

[root@sandbox ~]# cd /usr/hdp/2.2.4.2-2/flume/bin

[root@sandbox bin]#

ls bin

you will see a flume-ng command which is used to run our conf file

[root@sandbox bin]# flume-ng agent –-conf ./conf/ -f /usr/hdp/2.2.4.2-2/flume/conf/Agent101.conf –Dflume.root.logger=DEBUG,console –n Agent101

on another screen login the sandbox

to run telnet we have command

[root@sandbox ~]# curl telnet://localhost:44444

if it doesn’t recognizes local host then use this.

type **hostname** on sandbox to know the host name. This will show up

sandbox.hortonworks.com

[root@sandbox ~]# curl telnet://sandbox.hortonworks.com

:44444

Any port number can be given not necessary 44444 to give.

Now transferring data into hdfs form the flume netcat-source

Our sink was logger now we change sink to hdfs so that we can save our data into hdfs

Agent102.sources = netcat-source

Agent102.channels = memory-channel #data coming from netcat is saved in memory-channel

Agent102.sinks = logger-sink # Display the data thats its

# Describe/Configure Source

Agent102.sources.netcat-source.type = netcat

Agent102.sources.netcat-source.bind = localhost

Agent102.sources.netcat-source.port = 12345

# Describe the Sink

Agent102.sinks.logger-sink.type = hdfs

Agent102.sinks.logger-sink.hdfs.path = hdfs://sandbox.hortonworks.com:8020/flumedata/

Agent102.sinks.logger-sink.fileHeader = true

# use channel which buffers events in memory

Agent102.channels.memory-channel.type = memory

Agent102.channels.memory-channel.capacity = 1000 #capacity 100 bytes

Agent102.channels.memory-channel.transactioncapacity = 100

Agent101.sources.netcat-sources.channels = memory-channel

Agent101.sinks.logger-sink.channel = memory-channel

Curl <telnet://127.0.0.1:12345>

The words written will be directly saved to hdfs in the mesmtioned directory

Quit the system and come back to the bin directory

Presss ctrl Z

[root@sandbox bin]#