

File Name: netcat.conf

File Location: /usr/local/Flume/conf/

File Content

```
# Naming the components on the current agent
```

```
NetcatAgent.sources = Netcat
```

```
NetcatAgent.channels = MemChannel
```

```
NetcatAgent.sinks = LoggerSink
```

```
# Describing/Configuring the source
```

```
NetcatAgent.sources.Netcat.type = netcat
```

```
NetcatAgent.sources.Netcat.bind = localhost
```

```
NetcatAgent.sources.Netcat.port = 44467
```

```
NetcatAgent.sources.Netcat.channels = MemChannel
```

```
# Describing/Configuring the sink
```

```
NetcatAgent.sinks.LoggerSink.type = logger
```

```
NetcatAgent.sinks.LoggerSink.channel = MemChannel
```

```
# Describing/Configuring the channel
```

```
NetcatAgent.channels.MemChannel.type = memory
```

```
NetcatAgent.channels.MemChannel.capacity = 1000
```

```
NetcatAgent.channels.MemChannel.transactionCapacity = 100
```

Execution

Open a terminal and execute the agent

```
$: cd $FLUME_HOME
```

```
./bin/flume-ng agent --conf $FLUME_CONF --conf-file $FLUME_CONF/netcat.conf --name  
NetcatAgent -Dflume.root.logger=INFO,console
```

```
gomathis@impc3120a: /usr/local/Flume
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ounters:{ } } } channels:{MemChannel=org.apache.flume.channel.MemoryChannel{name
: MemChannel}} }
2017-07-27 11:25:25,374 (conf-file-poller-0) [INFO - org.apache.flume.node.Appli
cation.startAllComponents(Application.java:144)] Starting Channel MemChannel
2017-07-27 11:25:25,375 (lifecycleSupervisor-1-0) [INFO - org.apache.flume.instr
umentation.MonitoredCounterGroup.register(MonitoredCounterGroup.java:119)] Monit
ored counter group for type: CHANNEL, name: MemChannel: Successfully registered
new MBean.
2017-07-27 11:25:25,377 (lifecycleSupervisor-1-0) [INFO - org.apache.flume.instr
umentation.MonitoredCounterGroup.start(MonitoredCounterGroup.java:95)] Component
type: CHANNEL, name: MemChannel started
2017-07-27 11:25:25,377 (conf-file-poller-0) [INFO - org.apache.flume.node.Appli
cation.startAllComponents(Application.java:171)] Starting Sink LoggerSink
2017-07-27 11:25:25,377 (conf-file-poller-0) [INFO - org.apache.flume.node.Appli
cation.startAllComponents(Application.java:182)] Starting Source Netcat
2017-07-27 11:25:25,378 (lifecycleSupervisor-1-1) [INFO - org.apache.flume.sourc
e.NetcatSource.start(NetcatSource.java:155)] Source starting
2017-07-27 11:25:25,380 (lifecycleSupervisor-1-1) [INFO - org.apache.flume.sourc
e.NetcatSource.start(NetcatSource.java:169)] Created serverSocket:sun.nio.ch.Ser
verSocketChannelImpl[/127.0.0.1:4447]
2017-07-27 11:25:55,443 (SinkRunner-PollingRunner-DefaultSinkProcessor) [INFO -
org.apache.flume.sink.LoggerSink.process(LoggerSink.java:95)] Event: { headers:{
} body: 68 61 6F 0D                                hao. }
```

Check whether Sink and source has started

Now open an another terminal and type

telnet localhost 4447 (The port number which you assigned in the netcat.conf file

```
gomathis@impc3120a: ~
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gomathis@impc3120a:~$ telnet localhost 4447
Trying 127.0.0.1...
Connected to localhost.
Escape character is '^]'.
hao
OK
```

It should show “Connected” status.

Type any word or sentence and that should reflect in the agent terminal