

## WEEK 15 FAQs

**W15:1 While running the streaming code in eclipse IDE installed on Windows machine, how can we create a dummy producer?**

I am using ITVersity for spark shell. If I am creating a dummy producer in ITVersity and running a spark streaming application it is working fine but I need help while working on eclipse in my windows machine.

Ans: Follow below steps

1. nmap.org -> download page
2. Download nmap-stable setup and install
3. Open the cmd terminal from where u have nc

```
ncat -l -p 9995
```

Note: If steps are not clear then you can watch below video

<https://youtu.be/OPd4TKyMzt4>

**HOW TO INSTALL NETCAT IN WINDOWS||USE NETCAT IN WINDOWS||NMAP**

**W15:2 in both the Stateless and stateful.... Mikkel is able to get the connection and interval is running but is not able to connect to the port...changed the port from 9994,9995,9998 the same error....**

```
Time: 1518956120000 ms
21/01/16 21:07:09 ERROR ReceiverTracker: Deregistered receiver for stream 0: Restarting receiver with delay 2000ms: Error connecting to localhost:9995 - java.net.ConnectEx
at java.net.DualStackPlainSocketImpl.connect0(Native Method)
at java.net.DualStackPlainSocketImpl.socketConnect(Unknown Source)
at java.net.AbstractPlainSocketImpl.doConnect(Unknown Source)
at java.net.AbstractPlainSocketImpl.connectToAddress(Unknown Source)
at java.net.AbstractPlainSocketImpl.connect(Unknown Source)
at java.net.PlainSocketImpl.connect(Unknown Source)
at java.net.SocketImpl.connect(Unknown Source)
at java.net.Socket.connect(Unknown Source)
at java.net.Socket.connect(Unknown Source)
at java.net.Socket.<init>(Unknown Source)
at java.net.Socket.<init>(Unknown Source)
at org.apache.spark.streaming.dstream.SocketReceiver.onStart(SocketInputDStream.scala:61)
at org.apache.spark.streaming.receiver.ReceiverSupervisor.startReceiver(ReceiverSupervisor.scala:149)
at org.apache.spark.streaming.receiver.ReceiverSupervisor$$anonfun$startReceiver$1.apply$mcV$sp(ReceiverSupervisor.scala:149)
at org.apache.spark.streaming.receiver.ReceiverSupervisor$$anonfun$startReceiver$1.apply(ReceiverSupervisor.scala:149)
at org.apache.spark.streaming.receiver.ReceiverSupervisor$$anonfun$startReceiver$1.apply(ReceiverSupervisor.scala:149)
at scala.concurrent.impl.Future$PromiseCompletingRunnable.liftedTree$1(Future.scala:24)
at scala.concurrent.impl.Future$PromiseCompletingRunnable.run(Future.scala:24)
at java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)
at java.lang.Thread.run(Unknown Source)
```

**Stateful:**

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[illegible]

Ans: are you producing data in cludera terminal and trying to consume it from scala IDE installed in windows system, if so, it won't work...you have download scala IDE inside cludera and try to consume data from there, it should work

### W15:3 How to connect with eclipse in ITVersity ?

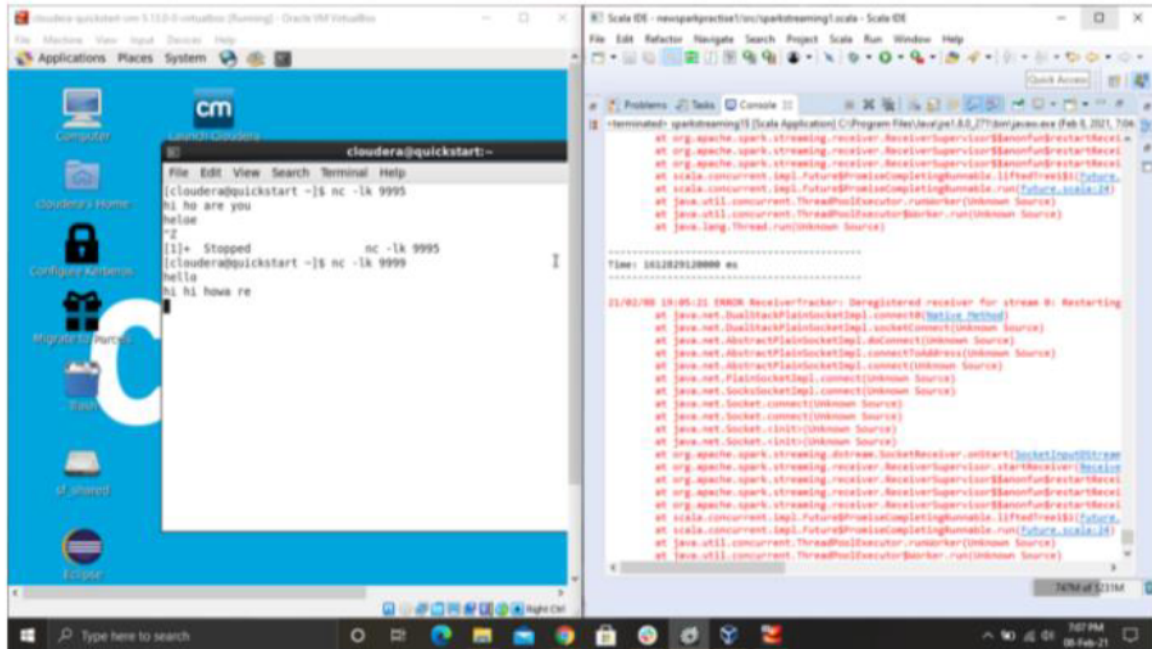
Ans: you have to use eclipse in your machine. ITVersity does not provide an eclipse.

#### W15:4 Can we connect to ITVersity machine with our local eclipse for streaming purpose

Ans: No, you cannot. Either use ITVersity or use windows.

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W16:5 Jonas getting this error, when Jonas created the socket using the quickstart VM and trying to connect it using the SCALA IDE running on my windows.



Ans: Try to add socket await Termination command to your code. And one more thing scala IDE also should be opened in vm I guess to work on this streaming part I think it's hard to access cloudera socket from local machine  
Refer Q No 2 answer for how to create socket on windows .

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**W15:6 Noah is getting Error for val ssc=new StreamingContext(sc,Seconds(5)) command on ITVersity terminal .**

```
[anish610@gw02 ~]$ spark2-shell --master local[2]
SPARK MAJOR VERSION is set to 2, using Spark2
21/02/15 09:41:48 WARN Utils: Service 'SparkUI' could not bind on port 4040. Attempting port 4041.
Spark context Web UI available at http://gw02.itversity.com:4041
Spark context available as 'sc' (master = local[2], app id = local-1613400108405).
Spark session available as 'spark'.
Welcome to
```



version 2.3.0.2.6.5.0-292

```
Using Scala version 2.11.8 (OpenJDK 64-Bit Server VM, Java 1.8.0_222)
Type in expressions to have them evaluated.
Type :help for more information.
```

```
scala> val ssc=new StreamingContext(sc,Seconds(5))
<console>:24: error: not found: type StreamingContext
    val ssc=new StreamingContext(sc,Seconds(5))
                    ^
<console>:24: error: not found: value Seconds
    val ssc=new StreamingContext(sc,Seconds(5))
                                ^
```

Ans: Import is missing

import org.apache.spark.\_

import org.apache.spark.streaming.\_

import org.apache.spark.streaming.StreamingContext.\_

**W15:7 Ulrich is unable to properly install netcat for my windows 8 local machine. I am using this link to download netcat**

**<https://eternallybored.org/misc/netcat/>.**

**If anyone has done this installation correctly, kindly guide me asap.**

Ans: Refer Q.NO 2 answer