Kafka LabSetup

Apache Kafka requires a running Zookeeper instance, which is used for reliable distributed coordination.

Below are the Software's that are required to work on Kafka.

Please download the below software's and place the same into C:\ drive.

> Under C:\ drive create a folder with the name "**kafkasoftwares**".

```
Notepad++ Link
==============
```
https://notepad-plus-plus.org/downloads/v8.4.2/

```
Offset Kafka Tool
=================
```
https://www.kafkatool.com/download.html

```
Conduktor
===================
```
Create an account for conduktor using this link: https://www.conduktor.io/get-started/

```
Google Chrome
===================
```
https://www.google.com/chrome/?brand=YTUH&gclid=CjwKCAiA_6yfBhBNEiwAkmXy53DkwfMQXB5Q_vfzcYc
LRbiImcy3JhLsqYrxkMp6P5FtoLV_PUYlwhoCKbYQAvD_BwE&gclsrc=aw.ds

```
Eclipse
=========
```
https://www.eclipse.org/downloads/packages/release/neon/r/eclipse-ide-java-ee-developers

```
JDk1.8
================
```
https://www.oracle.com/in/java/technologies/javase/javase8-archive-downloads.html

```
7-Zip
==============
```
https://7-zip.org/download.html

```
Apache Zookeeper
================
```
https://archive.apache.org/dist/zookeeper/zookeeper-3.4.7/zookeeper-3.4.7.tar.gz

```
Apache Kafka
=============
```
   https://archive.apache.org/dist/kafka/2.0.1/kafka_2.11-2.0.1.tgz

Note:

- ➢ We are going to use Windows O/S for this entire Session.
- ➢ Make sure Notepad++, 7zip, Chrome, Jdk1.8, Offset Kafka tool are installed in your machine before configuring Kafka.
- ➢ Configure Environmental variables for Java.
  For assistance, you can use this link: https://www.ibm.com/docs/en/b2b-integrator/5.2?topic=installation-setting-java-variables-in-windows
- ➢ Apache Kafka and zookeeper configurations will be discussed on Day1 session as A part of the training plan.