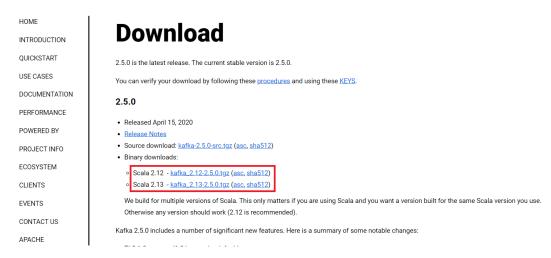
Downloading and Installation

Apache Kafka can be downloaded from its official site kafka.apache.org





For the installation process, follow the steps given below:

Step 1: Go to the Downloads folder and select the downloaded Binary file.

Step 2: Extract the file and move the extracted folder to the directory where you wish to keep the files.

Step 3: Copy the path of the Kafka folder. Now go to *config* inside kafka folder and open *zookeeper.properties* file. Copy the path against the field *dataDir* and add */zookeeper-data* to the path.

```
# See the License for the specific language governing permiss
# limitations under the License.

# the directory where the enapelot is stored.

dataDir=c:/kafka/zookeeper-data

# the port at which the citents will connect

clientPort=2181

# disable the per-ip limit on the number of connections since
maxClientCnxns=0
```

For example if the path is c:/kafka

Step 4: Now in the same folder *config* open *server.properties* and scroll down to *log.dirs* and paste the path. To the path add */kafka-logs*

Step 5: This completes the configuration of zookeeper and kafka server. Now open command prompt and change the directory to the kafka folder. First start zookeeper using the command given below:

- .\bin\windows\zookeeper-server-start.bat
- .\config\zookeeper.properties

```
C:\kafka>.\bin\windows\zookeeper-server-start.bat .\config\zookeeper.properties

[2020-06-09 00:17:04,344] INFO Keading configuration from: .\config\zookeeper.properties (org.apache.zookeeper.server.quorumPeerConfig)

[2020-06-09 00:17:04,352] INFO autopurge.snapRetainCount set to 3 (org.apache.zookeeper.server.DatadirCleanupManager)

[2020-06-09 00:17:04,353] INFO autopurge.purgeInterval set to 0 (org.apache.zookeeper.server.DatadirCleanupManager)

[2020-06-09 00:17:04,355] INFO Purge task is not scheduled. (org.apache.zookeeper.server.DatadirCleanupManager)

[2020-06-09 00:17:04,356] WARN Either no config or no quorum defined in config, running in standalone mode (org.apache.zookeeper.server.quorum.QuorumPeerMain)

[2020-06-09 00:17:04,381] INFO Reading configuration from: .\config\zookeeper.properties (org.apache.zookeeper.server.quorum.QuorumPeerConfig)

[2020-06-09 00:17:04,383] INFO Starting server (org.apache.zookeeper.server.ZooKeeperServerMain)
```

Step 6: Now open another command prompt and change the directory to the kafka folder. Run kafka server using the command:

.\bin\windows\kafka-server-start.bat .\config\server.properties

```
C:\kafka; .\bin\windows\kafka-server-start.bat .\config\server.properties
[2020-06-09 00:30:10,103] INFO Registered Ratka:type=Ratka.log4jController MBean (kafka.utils.log4jConn$)
[2020-06-09 00:30:10,985] INFO starting (kafka.server.KafkaServer)
[2020-06-09 00:30:10,991] INFO Connecting to zookeeper on localhost:2181 (kafka.server.KafkaServer)
[2020-06-09 00:30:11,016] INFO [ZooKeeperClient] Initializing a new session to localhost:2181. (kafka.rClient)
```

Now kafka is running and ready to stream data.

Source: https://www.geeksforgeeks.org/how-to-install-and-run-apache-kafka-on-windows/