**ii.Setup ELK local , launch of Elastic search , Kibana  & Launch and run Logstash jobs from local ( with commands ).**

**For ELK Overview and Setup related. (The same urls have updated in 02.ELK\_Useful\_URLs.docx in** [​Folder icon 05\_ELK KTs](https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdxcportal.sharepoint.com%2Fsites%2Fznacc%2FShared%2520Documents%2FForms%2FAllItems.aspx%3Fviewpath%3D%252Fsites%252Fznacc%252FShared%2520Documents%252FForms%252FAllItems.aspx%26id%3D%252Fsites%252Fznacc%252FShared%2520Documents%252FCC_KT%252F05_ELK%2520KTs%26viewid%3D500c10fb-f62f-4c64-a2d6-fb7fd323c02f&data=05%7C01%7Cj.rayappan%40dxc.com%7Cab8479afaf11455a8a6f08db7ec84c49%7C93f33571550f43cfb09fcd331338d086%7C0%7C0%7C638243170983218689%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=GYDVOhY%2FH9c%2FYViD16miMF3y10MpU0JlKRt%2FuZyJ%2FUE%3D&reserved=0)

Please refer the following links for ELK overview and setup guidance for Elastic, logstash and kibana.

Elasticsearch, Logstash & Kibana Guide:

<https://www.elastic.co/guide/index.html>

<https://www.elastic.co/guide/en/elasticsearch/reference/7.16/index.html>

<https://www.elastic.co/guide/en/logstash/7.16/index.html>

<https://www.elastic.co/guide/en/kibana/7.16/index.html>

To run logstash Job

Make sure, you have environment variables and values for JAVA\_HOME,

LS\_ JAVA\_HOME and ES\_ JAVA\_HOME, if not set them in DOS Command prompt and run..

set JAVA\_HOME=C:\Program Files\Java\jdk1.8.0\_181  
set LS\_JAVA\_HOME=C:\Program Files\Java\jdk1.8.0\_181  
set ES\_JAVA\_HOME=C:\Program Files\Java\jdk1.8.0\_181

To trigger logstash job

 bin>logstash -f config/<logstash configuration file>

For POC configuration to run..

bin>logstash -f config/logstash-claims-sor.conf

Content of logstash-claims-sor.conf

*# For Claims SOR*

*# DB -> Logstash -> Elasticsearch pipeline.*

*input {*

*jdbc {*

*#jdbc\_driver\_library => "/usr/share/logstash/lib/jdbc/db2/db2jcc.jar"*

*jdbc\_driver\_library => "C:/01Zurich/DBConnect/db2/db2jcc4.jar"*

*jdbc\_driver\_class => "com.ibm.db2.jcc.DB2Driver"*

*jdbc\_connection\_string => "jdbc:db2://dbm.mega.us.data.com:6508/M2Q1:retrieveMessagesFromServerOnGetMessage=true;"*

*jdbc\_user => "username"*

*jdbc\_password => "password"*

*statement => "SELECT \* FROM TMPL\_METADATA"*

*}*

*}*

*filter {*

*}*

*output {*

*#stdout { codec => rubydebug { metadata => true } }*

*elasticsearch {*

*hosts => ["http://localhost:9200"]*

*#user => "elastic"*

*#password => "elastic"*

*index => "templates-data-sor2"*

*document\_id => "%{doc\_tmpl\_id}"*

*action => "create"*

*#action => "delete"*

*}*

*}*

