Filebeat configuration with path and tomcat module

add the following code in filebeat.yml file

Note: Remember to change the paths according to your tomcat environment.

```
filebeat.inputs:


       ## Catalina logs
       - type: log
         enabled: true
         paths:
           - /var/log/tomcat9/catalina.*.log
         fields:
           codec: plain
           type: catalina_log
       ##The dissect processor parses the catalina logs by means of a tokenizer
         processors:
           - dissect:
               tokenizer: '%{date} %{time} %{catalina.warnLevel} [%{catalina.method}] %{catalina.class} %{catalina.logMessage}'
               field: "message"
       ##Filebeat processes each log file line-by-line
       ##However it is possible that a singular Tomcat log entry might contain multiple lines in the form of a Java stack trace
       ##To preserve the integrity of logs, we define a multiline pattern to process multiline stack traces as a single entry.
         multiline.type: pattern
         multiline.pattern: '^[[:space:]]+(at|\.{3})\b|^Caused by:'
         multiline.negate: false
         multiline.match: after

```

```
    ##Localhost Logs

    - type: log

      enabled: false

      paths:

        - /var/log/tomcat9/localhost.*.log

      tags: ["localhost_logs"]

      fields:

        codec: plain

        type: localhost_log

    ##The dissect processor parses the catalina logs by means of a tokenizer

      processors:

        - dissect:

            tokenizer: '%{date} %{time} %{tomcatLocalhost.warnLevel} [%{tomcatLocalhost.method}] %{tomcatLocalhost.class} %{tomcatLocalhost.ListenerType}: %{ListenerLog}'

            field: "message"




    ##Filebeat processes each log file line-by-line

    ##However it is possible that a singular Tomcat log entry might contain multiple lines in the form of a Java stack trace

    ##To preserve the integrity of logs, we define a multiline pattern to process multiline stack traces as a single entry.




      multiline.type: pattern

      multiline.pattern: '^[[:space:]]'

      multiline.negate: false

      multiline.match: after
```

add the following code in filebeat.yml for template setting

```
indices:
           - index: "tomcat9-catalina-logs-%{+yyyy.MM.dd}"
            when.equals:
             fields.type: "catalina_log"
           - index: "tomcat9-localhost-logs-%{+yyyy.MM.dd}"
            when.equals:
             fields.type: "localhost_log"
           - index: "tomcat9-access-logs-%{+yyyy.MM.dd}"
            when.equals:
             fields.type: "access_log"
```

enable Apache module

```
  filebeat modules enable apache
```

paste the code in to /etc/filebeat/modules.d/apche.yml

Note: Remember to change the paths according to your tomcat environment.

```
# Module: apache
         # Docs: https://www.elastic.co/guide/en/beats/filebeat/7.9/filebeat-module-apache.html


         - module: apache
          # Access logs
          access:
           enabled: true
           var.paths: ["/var/log/tomcat9/localhost_access_log.*.txt"]
           ##The type:access_log will help us point these logs to the right direction
           input:
            processors:
             - add_fields:
               target: fields
               fields:
                codec: plain
                type: access_log
```

Restart filebeat