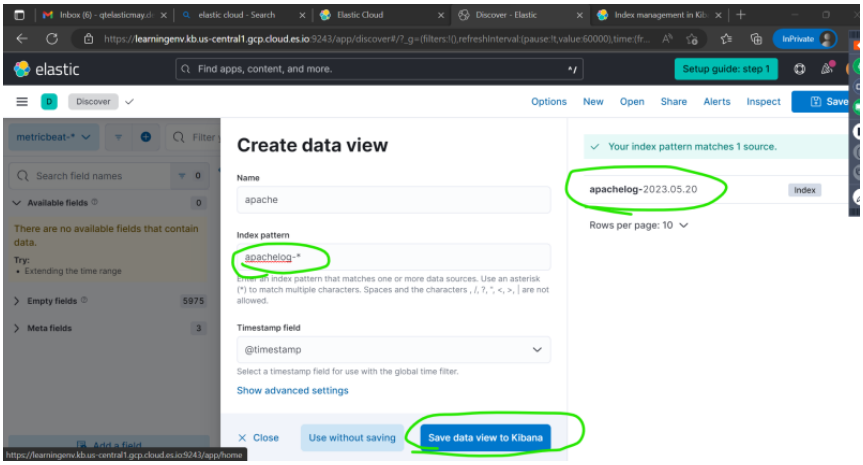
MENU ☰

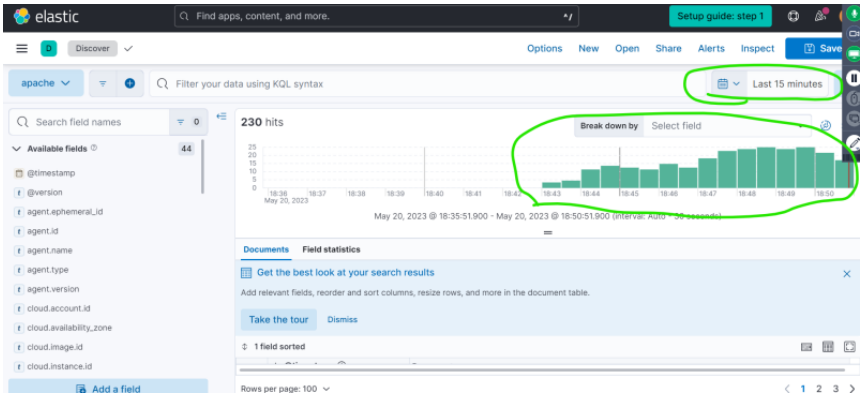
MAY 20, 2023

DevOps Classroomnotes 20/May/2023

Fixing logstash issue with elastic cloud

- We had issue with pipeline id. removed the pipeline field
- restarted all the services and executing requests from a script
- so filebeat reads the logs and sends to logstash, logstash breaks the message into multiple fields and stores in elastic search with index name `apachelog-*`
- Now create a data view from kibana



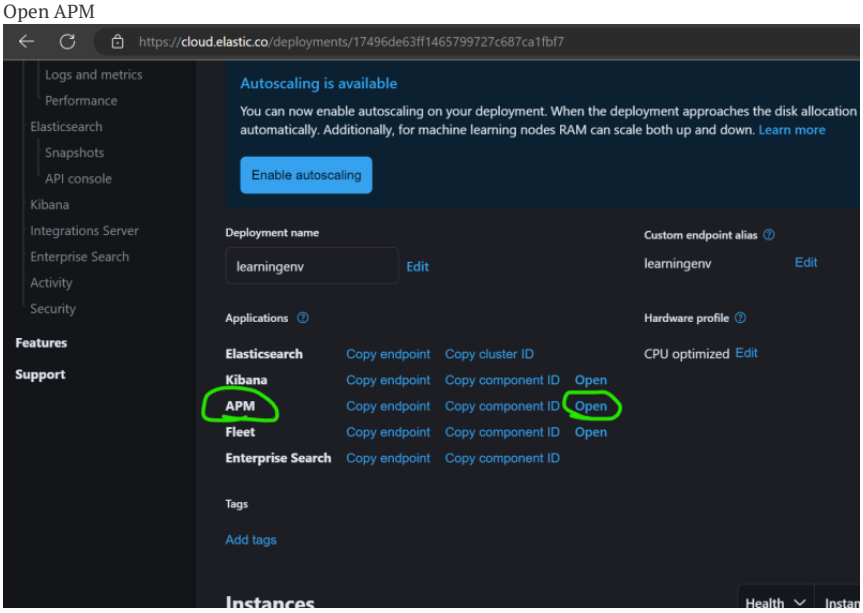


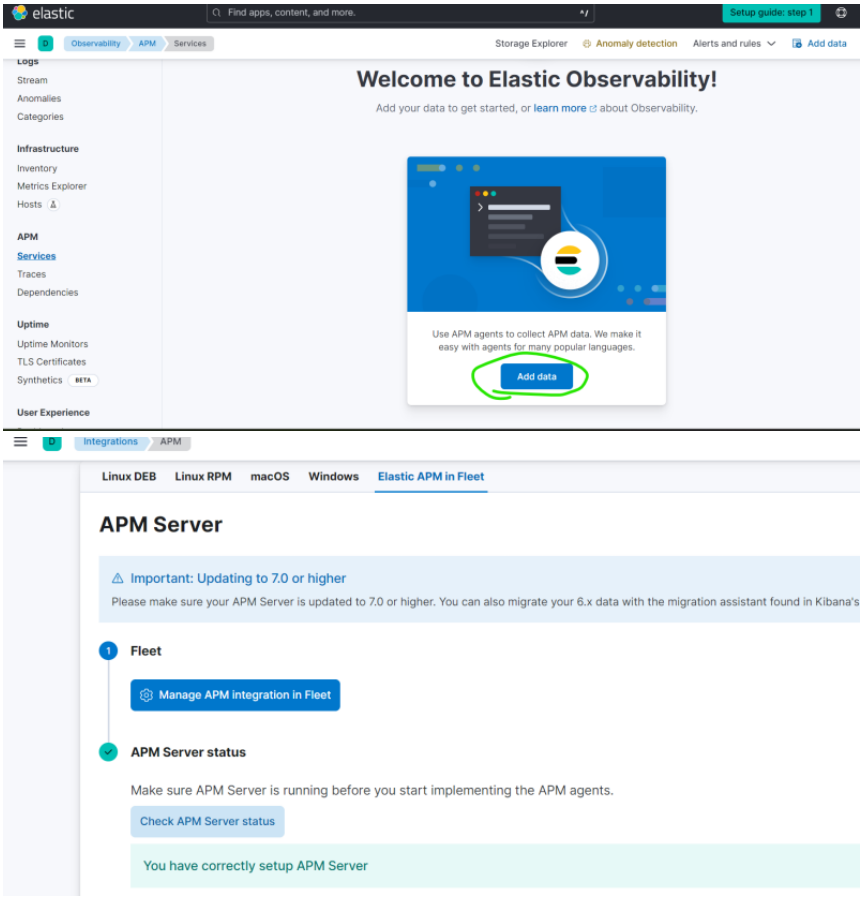
- Watch the classroom video for visualizations
- We were able to search logs by writing simple queries and create pie charts, line charts, metric etc

Lets trace some java application

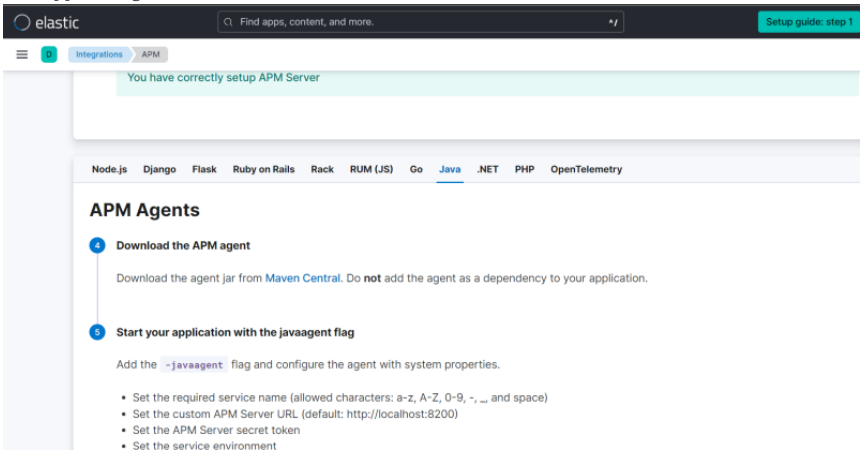
- Installing sample application
    - openjdk 11
      ```
      sudo apt update
      sudo apt install openjdk-11-jdk -y
      ```
    - download the jar file Refer Here

- Open APM





- Java app tracing

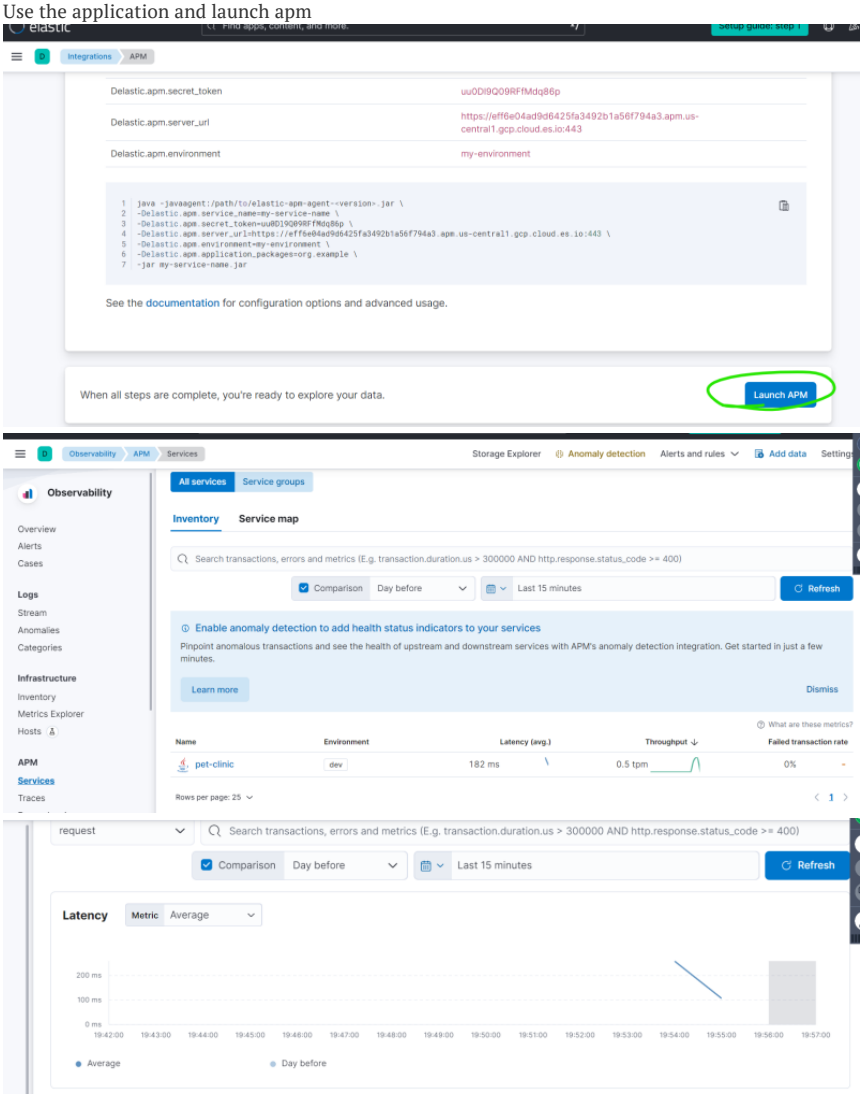


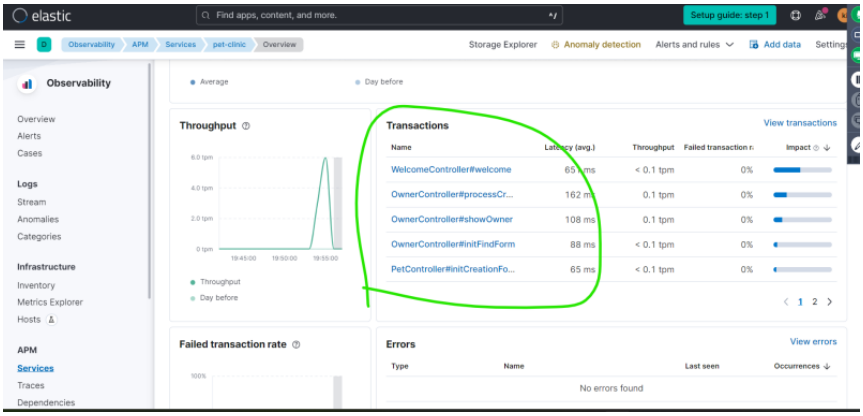
- Download apm-agent jar `wget https://oss.sonatype.org/service/local/repositories/releases/content/co/elastic/apm apm-agent/1.38.0/elastic-apm-agent-1.38.0.jar`

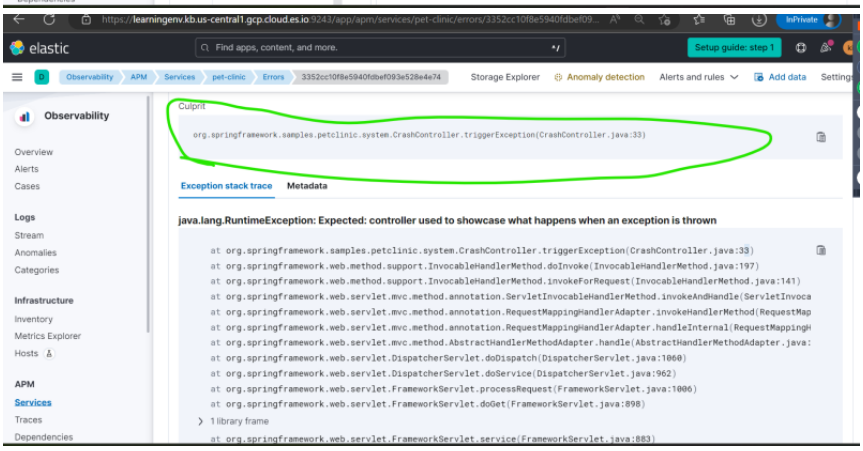
- We have run the app with following args

```
java -javaagent:elastic-apm-agent-1.38.0.jar \
-Delastic.apm.service_name=pet-clinic \
-Delastic.apm.secret_token=uu0Dl9Q09RFfMdq86p \
-Delastic.apm.server_url=https://eff6e04ad9d6425fa3492b1a56f794a3.apm.us-central1.gcp.clo
-Delastic.apm.environment=dev \
-Delastic.apm.application_packages=org.spring \
-jar spring-petclinic-2.4.2.jar
```

- Use the application and launch apm







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