Github: https://github.com/hakanozer/mkk\_2024\_elasticsearch

1- Kurulumlar ve dokümantasyon

https://www.elastic.co/guide/en/elasticsearch/reference/current/targz.html

// Yedekleme ve Geri Yükleme

https://github.com/elasticsearch-dump/elasticsearch-dump

// Docker Kurulumu

https://www.elastic.co/guide/en/elasticsearch/reference/8.15/docker.html

docker run --name es01 --net elastic -p 9200:9200 -it -m 2GB -e "xpack.security.enabled=false" -e "xpack.security.enrollment.enabled=false" docker.elastic.co/elasticsearch/elasticsearch:8.15.3

docker run --name es01 --net elastic -p 9200:9200 -it -m 2g -e "discovery.type=single-node" -e "xpack.security.enabled=false" -e "xpack.security.enrollment.enabled=false" docker.elastic.co/elasticsearch/elasticsearch:8.15.3

docker run --name es02 --net elastic -p 9200:9200 -it -m 2g -e "discovery.type=single-node" -e "xpack.security.enabled=false" -e "xpack.security.enrollment.enabled=false" -v esdata:/usr/share/elasticsearch/data docker.elastic.co/elasticsearch/elasticsearch:8.15.3

docker run --name es02 --net elastic -p 9200:9200 -it -m 2g -e "discovery.type=single-node" -e "xpack.security.enabled=false" -e "xpack.security.enrollment.enabled=false" -v ~/elasticsearch-config/synonyms.txt:/usr/share/elasticsearch/config/synonyms.txt -v esdata:/usr/share/elasticsearch/data docker.elastic.co/elasticsearch/elasticsearch:8.15.3

Online Mapping

https://json-to-es-mapping.netlify.app/

// info

https://www.elastic.co/guide/en/elasticsearch/reference/current/cluster-state.html

Mac:

Örnek .yml

https://gist.github.com/zsprackett/8546403

Json Coordinate:

https://geojson.io/#map=11.4/41.0464/28.8944

Elastic ideal ayarlama

https://gbaptista.github.io/elastic-calculator/

Giriş

Çalıştırma: ./bin/elasticsearch

URL: http://localhost:9200/

Kullanıcı adı: elastic

Şifre: r5yb\_JuC8oSzN\_yktdsK

// Komutlar

Durum Bilgisi: https://localhost:9200/\_cluster/health

// Api Cat

https://www.elastic.co/guide/en/elasticsearch/reference/current/cat.html

// index Oluşturma - database oluşturma

https://www.elastic.co/guide/en/elasticsearch/reference/current/indices.html

PUT /search

Kibana Kurulumu

docker run --name kib01 --net elastic -p 5601:5601 -it --link es01:elasticsearch docker.elastic.co/kibana/kibana:8.15.3

http://localhost:5601/

Logstash Kurulumu

docker run --name logstash --net elastic -it -p 5044:5044 -p 9600:9600 docker.elastic.co/logstash/logstash:8.15.3

http://localhost:9600/

// Genel Bilgiler

✅ Elasticsearch security features have been automatically configured!

✅ Authentication is enabled and cluster connections are encrypted.

ℹ️ Password for the elastic user (reset with `bin/elasticsearch-reset-password -u elastic`):

r5yb\_JuC8oSzN\_yktdsK

ℹ️ HTTP CA certificate SHA-256 fingerprint:

7fe7efb46ab290a655f10cc530c247a14e6a00ed5a4dd383737e2949f32aa3d7

ℹ️ Configure Kibana to use this cluster:

• Run Kibana and click the configuration link in the terminal when Kibana starts.

• Copy the following enrollment token and paste it into Kibana in your browser (valid for the next 30 minutes):

eyJ2ZXIiOiI4LjE0LjAiLCJhZHIiOlsiMTcyLjE5LjAuMjo5MjAwIl0sImZnciI6IjdmZTdlZmI0NmFiMjkwYTY1NWYxMGNjNTMwYzI0N2ExNGU2YTAwZWQ1YTRkZDM4MzczN2UyOTQ5ZjMyYWEzZDciLCJrZXkiOiJ2Y2ZCMDVJQjBtdEJaYV83QzA2dDphaThLemd3LVRfR1lWLVpoQVJtRGxRIn0=

ℹ️ Configure other nodes to join this cluster:

• Copy the following enrollment token and start new Elasticsearch nodes with `bin/elasticsearch --enrollment-token <token>` (valid for the next 30 minutes):

https://cloud.elastic.co/deployments/ed16caae488c450a9ba14f90f9e987f4/getting-started

elastic

1IEuF3PcjwnhUcxfSyf9xGP0

eyJ2ZXIiOiI4LjE0LjAiLCJhZHIiOlsiMTcyLjE5LjAuMjo5MjAwIl0sImZnciI6IjdmZTdlZmI0NmFiMjkwYTY1NWYxMGNjNTMwYzI0N2ExNGU2YTAwZWQ1YTRkZDM4MzczN2UyOTQ5ZjMyYWEzZDciLCJrZXkiOiJ1OGZCMDVJQjBtdEJaYV83QzA1dDpuWlRnaEJ2RlNrbV8telFDZjJ3RmpBIn0=

If you're running in Docker, copy the enrollment token and run:

`docker run -e "ENROLLMENT\_TOKEN=<token>" docker.elastic.co/elasticsearch/elasticsearch:8.15.3`