Elasticsearch for Apache Hadoop

Parte 1 – Configuración ES-Hadoop

Se crea clúster con nombre hive-cluster, en la foto se realiza la copia de los recursos .jar al filesystem del clúster.

Parte 2 – Configuración server Elasticsearch

Se crea instancia instancia-elasticsearch se agrega a la red las ip de mi local y la de la instancia hive-cluster donde se encuentra el clúster, y se crean dos reglas firewall, allow-elasticsearch y allow-kibana. Por otra parte, se configura el archivo elasticsearch.yml

```
GNU nano 4.8 /etc/elasticsearch/elasticsearch.yml Modified

The following settings, TLS certificates, and keys have been automatically
generated to configure Elasticsearch security features on 16-10-2024 23:52:21

Enable security features
xpack.security.enrollment.enabled: true

Enable encryption for HTTP APT client connections, such as Kibana, Logstash, and Agents
xpack.security.http.sal:
enabled: false
keystore.path: certs/http.pl2

Enable encryption and mutual authentication between cluster nodes
xpack.security.transport.ssl:
enabled: true
verification mode: certificate
keystore.path: certs/transport.pl2

Create a new cluster with the current node only
Additional nodes cent still join the cluster later
Cluster.initial_master_nodes: ["instance-elasticsearch"]

Additional nodes can still join the cluster later
Cluster.initial_master_nodes ("instance-elasticsearch")

Allow HTTP APT connections from anywhere
Connections are encrypted and require user authentication
http.host: 0.0.0.0

Allow Other nodes to join the cluster from anywhere
Connections are encrypted and mutually authenticated
ftransport.host: 0.0.0.0
```

Parte 3 – Configuración del Clúster Hadoop de conexión

```
### SSH enel navegador

### SS
```

Parte 4 – A conectar datos

Se crea a través del POST la creación del índice de alumnos y se realiza una petición GET al _search para obtener todos los documentos que pertenecen al índice.

```
Against 18 Against 18
```

Parte 5 – Kibana

