Elisa Gutiérrez Párraga.

EJERCICIO 1.

```
elisa gp_9@cluster-elisa-m:/usr/lib/hadoop-mapreduce\ gsutil cp gs://buckets-para-elastic/commons-httpclient-3.1.jar .

Copying gs://buckets-para-elastic/commons-httpclient-3.1.jar...

/ [1 files] [297.8 KiB/297.8 KiB]

Operation completed over 1 objects/297.8 KiB.

elisa gp_9@cluster-elisa-m:/usr/lib/hadoop-mapreduce\ gsutil cp gs://buckets-para-elastic/elasticsearch-hadoop-8.14.1.jar .

Copying gs://buckets-para-elastic/elasticsearch-hadoop-8.14.1.jar...

/ [1 files] [ 2.1 MiB/ 2.1 MiB]

Operation completed over 1 objects/2.1 MiB.
```

EJERCICIO 2.

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

# Enable encryption for HTTP API client connections, such as Kibana, Logstash, and Agents
xpack.security.http.ssl:
enabled: false
keystore.path: certs/http.p12

# Enable encryption and mutual authentication between cluster nodes
xpack.security.transport.ssl:
enabled: true
verification_mode: certificate
keystore.path: certs/transport.p12
truststore.path: certs/transport.p12
# Create a new cluster with the current node only
# Additional nodes can still join the cluster later
cluster.initial_master_nodes: ["instance-elasticsearch-kibana"]

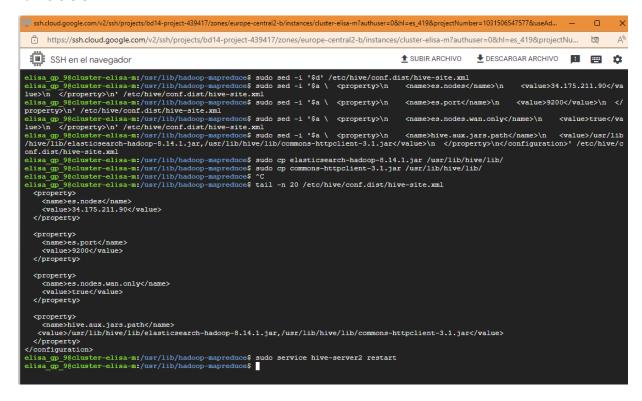
# Allow HTTP API connections from anywhere
# Connections are encrypted and require user authentication
http.host: 0.0.0.0

# Allow other nodes to join the cluster from anywhere
# Connections are encrypted and mutually authenticated
# transport.host: 0.0.0.0

# Allow other nodes to join the cluster from anywhere
# Connections are encrypted and mutually authenticated
# transport.host: 0.0.0.0

# Allow other nodes to join the cluster from anywhere
# Connections are encrypted and mutually authenticated
# transport.host: 0.0.0.0
```

EJERCICIO 3.



EJERCICIO 4.

EJERCICIO 5.

