

PRÁCTICA ELASTICSEARCH Y HADOOP

• PARTE 1

```
ssh.cloud.google.com/v2/ssh/projects/practica-454016/zones/us-central1-c/instances/cluster-practica-m?authuser=0&hl=es_419&projec...
ssh.cloud.google.com/v2/ssh/projects/practica-454016/zones/us-central1-c/instances/cluster-practica-m?authuser=0&hl=es_419...

SSH en el navegador

* Support: https://ubuntu.com/pro

System information as of Mon Mar 17 17:30:02 UTC 2025

System load: 2.36      Processes:      182
Usage of /: 31.1% of 48.27GB   Users logged in: 0
Memory usage: 35%      IPv4 address for ens4: 10.128.0.4
Swap usage: 0%

* Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
just raised the bar for easy, resilient and secure K8s cluster deployment.

https://ubuntu.com/engage/secure-kubernetes-at-the-edge

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

New release '24.04.2 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Mon Mar 17 16:44:24 2025 from 35.235.244.33
noeliajugal@cluster-practica-m:~$ gsutil cp gs://bucket-para-elastic/elasticsearch-hadoop-8.14.1.jar .
AccessDeniedException: 403 585754978760-compute@developer.gserviceaccount.com does not have storage.objects.list
access to the Google Cloud Storage bucket. Permission 'storage.objects.list' denied on resource (or it may not
exist).
noeliajugal@cluster-practica-m:~$ gsutil cp gs://bucket-practica-arquitectura/elasticsearch-hadoop-8.14.1.jar .
Copying gs://bucket-practica-arquitectura/elasticsearch-hadoop-8.14.1.jar...
- [1 files] [ 2.1 MiB/ 2.1 MiB]
Operation completed over 1 objects/2.1 MiB.
noeliajugal@cluster-practica-m:~$ gsutil cp gs://bucket-practica-arquitectura/commons-httpclient-3.1.jar .
Copying gs://bucket-practica-arquitectura/commons-httpclient-3.1.jar...
- [1 files] [297.8 KiB/297.8 KiB]
Operation completed over 1 objects/297.8 KiB.
noeliajugal@cluster-practica-m:~$
```

• PARTE 2

```
ssh.cloud.google.com/v2/ssh/projects/practica-454016/zones/europe-southwest1-b/instances/instance-elastic-practica?authuser=0&hl=es_419&projectNumber=585754978760&useAdminProxy=true - Google Chrome
ssh.cloud.google.com/v2/ssh/projects/practica-454016/zones/europe-southwest1-b/instances/instance-elastic-practica?authuser=0&hl=es_419&projectNumber=585754978760&useAdminProxy=true

SSH en el navegador

Welcome to Ubuntu 20.04.6 LTS (GNU/Linux 5.15.0-1078-gcp x86_64)

 * Documentation: https://help.ubuntu.com
 * Management: https://landscape.canonical.com
 * Support: https://ubuntu.com/pro

System information as of Mon Mar 17 18:03:19 UTC 2025

System load: 0.02      Processes:      107
Usage of /: 10.1% of 19.2GB   Users logged in: 0
Memory usage: 2%        IPv4 address for ens4: 10.204.0.2
Swap usage: 0%

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

noeliajugal@instance-elastic-practica:~$ sudo apt install wget
Reading package lists... Done
Building dependency tree
Reading state information... Done
wget is already the newest version (1.20.3-ubuntu2.1).
wget set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
noeliajugal@instance-elastic-practica:~$ wget https://artifacts.elastic.co/downloads/elasticsearch/elasticsearch-8.14.1-amd64.deb
--2025-03-17 18:03:39-- https://artifacts.elastic.co/downloads/elasticsearch/elasticsearch-8.14.1-amd64.deb
Resolving artifacts.elastic.co (artifacts.elastic.co)... 34.120.127.130, 2408:1901:0:147::
Connecting to artifacts.elastic.co (artifacts.elastic.co)|34.120.127.130|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 588542328 (543M) [application/vnd.debian.binary-package]
Saving to: 'elasticsearch-8.14.1-amd64.deb'

elasticsearch-8.14.1-amd64.de 100%[=====] 561.20M 6.51MB/s in 85s

2025-03-17 18:05:05 (6.50 MB/s) - 'elasticsearch-8.14.1-amd64.deb' saved [588542328/588542328]

noeliajugal@instance-elastic-practica:~$ wget https://artifacts.elastic.co/downloads/kibana/kibana-8.14.1-amd64.deb
--2025-03-17 18:07:09-- https://artifacts.elastic.co/downloads/kibana/kibana-8.14.1-amd64.deb
Resolving artifacts.elastic.co (artifacts.elastic.co)... 34.120.127.130, 2408:1901:0:147::
Connecting to artifacts.elastic.co (artifacts.elastic.co)|34.120.127.130|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 341037104 (323M) [application/vnd.debian.binary-package]
Saving to: 'kibana-8.14.1-amd64.deb'

kibana-8.14.1-amd64.deb 100%[=====] 325.24M 7.00MB/s in 50s

2025-03-17 18:08:00 (6.52 MB/s) - 'kibana-8.14.1-amd64.deb' saved [341037104/341037104]

noeliajugal@instance-elastic-practica:~$ sudo dpkg -i elasticsearch-8.14.1-amd64.deb
```

```
sshcloud.google.com/v2/ssh/projects/practica-454016/zones/europe-southwest1-b/instances/instance-elastic-practica?authuser=0&hl=es_4198&projectNumber=585754978760&useAdminProxy=true - Google Chrome
sshcloud.google.com/v2/ssh/projects/practica-454016/zones/europe-southwest1-b/instances/instance-elastic-practica?authuser=0&hl=es_4198&projectNumber=585754978760&useAdminProxy=true

SSH en el navegador SUBIR ARCHIVO DESCARGAR ARCHIVO

$ sudo yum install -y elasticsearch
$ sudo rpm -i elasticsearch-8.14.1-amd64.deb
Selecting previously unselected package elasticsearch.
(Reading database ... 6274 files and directories currently installed.)
Preparing to unpack elasticsearch-8.14.1-amd64.deb ...
Unpacking elasticsearch (8.14.1) ...
Setting up elasticsearch (8.14.1) ...
----- Security autoconfiguration information -----
Authentication and authorization are enabled.
TLS for the transport and HTTP layers is enabled and configured.
The generated password for the elastic built-in superuser is : 0-MtYQyQyCrabluW0rJ0
If this node should join an existing cluster, you can reconfigure this with
'/usr/share/elasticsearch/bin/elasticsearch-reconfigure-node --enrollment-token <token-here>'
after creating an enrollment token on your existing cluster.
You can complete the following actions at any time:
Reset the password of the elastic built-in superuser with
'/usr/share/elasticsearch/bin/elasticsearch-reset-password -u elastic'.
Generate an enrollment token for Kibana instances with
'/usr/share/elasticsearch/bin/elasticsearch-create-enrollment-token -s kibana'.
Generate an enrollment token for Elasticsearch nodes with
'/usr/share/elasticsearch/bin/elasticsearch-create-enrollment-token -s node'.
-----
### NOT starting on installation, please execute the following statements to configure elasticsearch service to start automatically using systemd
$ sudo systemctl daemon-reload
$ sudo systemctl enable elasticsearch.service
### You can start elasticsearch service by executing
$ sudo systemctl start elasticsearch.service
$ sudo rpm -i kibana-8.14.1-amd64.deb
Selecting previously unselected package kibana.
(Reading database ... 63622 files and directories currently installed.)
Preparing to unpack kibana-8.14.1-amd64.deb ...
Unpacking kibana (8.14.1) ...
Setting up kibana (8.14.1) ...
Creating kibana group... OK
Creating kibana user... OK
Kibana is currently running with legacy Opensearch providers enabled! For details and instructions on how to disable see https://www.elastic.co/guide/en/kibana/8.14/production.html#opensearch-legacy-provider
Created Kibana keystore in /etc/kibana/kibana.keystore
$ sudo systemctl restart kibana
$ sudo cat /etc/kibana/kibana.yml
# For more configuration options see the configuration guide for Kibana in
# https://www.elastic.co/guide/index.html
#
# --- System: Kibana Server ---
# Kibana is served by a back end server. This setting specifies the port to use.
#server.port: 5601
#
# Specifies the address to which the Kibana server will bind. IP addresses and host names are both valid values.
# The default is 'localhost', which usually means remote machines will not be able to connect.
# To allow connections from remote users, set this parameter to a non-localhost address.
#server.host: "localhost"
#
# Enables you to specify a path to mount Kibana at if you are running behind a proxy.
```

```
sshcloud.google.com/v2/ssh/projects/practica-454016/zones/europe-southwest1-b/instances/instance-elastic-practica?authuser=0&hl=es_4198&projectNumber=585754978760&useAdminProxy=true - Google Chrome
sshcloud.google.com/v2/ssh/projects/practica-454016/zones/europe-southwest1-b/instances/instance-elastic-practica?authuser=0&hl=es_4198&projectNumber=585754978760&useAdminProxy=true

SSH en el navegador SUBIR ARCHIVO DESCARGAR ARCHIVO

$ sudo nano /etc/elasticsearch/elasticsearch.yml
$ sudo systemctl restart elasticsearch
$ sudo systemctl restart kibana
$ sudo cat /etc/elasticsearch/elasticsearch.yml
----- Elasticsearch Configuration -----
# NOTE: Elasticsearch comes with reasonable defaults for most settings.
# Before you set out to tweak and tune the configuration, make sure you
# understand what are you trying to accomplish and the consequences.
# The primary way of configuring a node is via this file. This template lists
# the most important settings you may want to configure for a production cluster.
# Please consult the documentation for further information on configuration options:
# https://www.elastic.co/guide/en/elasticsearch/reference/index.html
#
# ----- Cluster -----
# Use a descriptive name for your cluster:
#cluster.name: my-application
#
# ----- Node -----
# Use a descriptive name for the node:
#node.name: node-1
# Add custom attributes to the node:
#node.attr.rack: r1
#
# ----- Paths -----
# Path to directory where to store the data (separate multiple locations by comma):
#path.data: /var/lib/elasticsearch
# Path to log files:
#path.logs: /var/log/elasticsearch
#
# ----- Memory -----
# Lock the memory on startup:
#
#bootstrap.memory_lock: true
#
# Make sure that the heap size is set to about half the memory available
# on the system and that the owner of the process is allowed to use this
# limit.
# Elasticsearch performs poorly when the system is swapping the memory.
#
# ----- Network -----
# By default Elasticsearch is only accessible on localhost. Set a different
# address here to expose this node on the network:
#network.host: 192.168.0.1
```

```
sshcloud.google.com/v2/ssh/projects/practica-454016/zones/europe-southwest1-b/instances/instance-elastic-practica?authuser=0&hl=es_419&projectNumber=585754978760&useAdminProxy=true - Google Chrome
sshcloud.google.com/v2/ssh/projects/practica-454016/zones/europe-southwest1-b/instances/instance-elastic-practica?authuser=0&hl=es_419&projectNumber=585754978760&useAdminProxy=true

SSH en el navegador

----- Network -----
# By default Elasticsearch is only accessible on localhost. Set a different
# address here to expose this node on the network:
#network.host: 192.168.0.1
#
# By default Elasticsearch listens for HTTP traffic on the first free port it
# finds starting at 9200. Set a specific HTTP port here:
#http.port: 9200
#
# For more information, consult the network module documentation.
#
----- Discovery -----
# Pass an initial list of hosts to perform discovery when this node is started:
# The default list of hosts is ["127.0.0.1", "::1"]
#discovery.seed_hosts: ["host1", "host2"]
#
# Bootstrap the cluster using an initial set of master-eligible nodes:
#cluster.initial_master_nodes: ["node-1", "node-2"]
#
# For more information, consult the discovery and cluster formation module documentation.
#
----- Various -----
# Allow wildcard deletion of indices:
#action.destructive_requires_name: false
#
----- BEGIN SECURITY AUTO CONFIGURATION -----
# The following settings, TLS certificates, and keys have been automatically
# generated to configure Elasticsearch security features on 17-03-2025 18:08:28
#
# Enable security features
#pack.security.enabled: false
#pack.security.enrollment.enabled: true
#
# Enable encryption for HTTP API client connections, such as Kibana, Logstash, and Agents
#pack.security.http.ssl:
#  enabled: false
#  keystore.path: certs/http.p12
#
# Enable encryption and mutual authentication between cluster nodes
#pack.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-elastic-practica"]
#
# Allow HTTP API connections from anywhere
```

```
sshcloud.google.com/v2/ssh/projects/practica-454016/zones/europe-southwest1-b/instances/instance-elastic-practica?authuser=0&hl=es_419&projectNumber=585754978760&useAdminProxy=true - Google Chrome
sshcloud.google.com/v2/ssh/projects/practica-454016/zones/europe-southwest1-b/instances/instance-elastic-practica?authuser=0&hl=es_419&projectNumber=585754978760&useAdminProxy=true

SSH en el navegador

#http.port: 9200
#
# For more information, consult the network module documentation.
#
----- Discovery -----
# Pass an initial list of hosts to perform discovery when this node is started:
# The default list of hosts is ["127.0.0.1", "::1"]
#discovery.seed_hosts: ["host1", "host2"]
#
# Bootstrap the cluster using an initial set of master-eligible nodes:
#cluster.initial_master_nodes: ["node-1", "node-2"]
#
# For more information, consult the discovery and cluster formation module documentation.
#
----- Various -----
# Allow wildcard deletion of indices:
#action.destructive_requires_name: false
#
----- BEGIN SECURITY AUTO CONFIGURATION -----
# The following settings, TLS certificates, and keys have been automatically
# generated to configure Elasticsearch security features on 17-03-2025 18:08:28
#
# Enable security features
#pack.security.enabled: false
#pack.security.enrollment.enabled: true
#
# Enable encryption for HTTP API client connections, such as Kibana, Logstash, and Agents
#pack.security.http.ssl:
#  enabled: false
#  keystore.path: certs/http.p12
#
# Enable encryption and mutual authentication between cluster nodes
#pack.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-elastic-practica"]
#
# 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
#
----- END SECURITY AUTO CONFIGURATION -----
root@jagala-instance-elastic-practica:~#
```

• PARTE 3

```
ssh.cloud.google.com/v2/ssh/projects/practica-454016/zones/us-central1-c/instances/cluster-practica-m1authuser=08h1es_4198/projectNumber=5857549787608useAdminProxy=true - Google Chrome
ssh.cloud.google.com/v2/ssh/projects/practica-454016/zones/us-central1-c/instances/cluster-practica-m1authuser=08h1es_4198/projectNumber=5857549787608useAdminProxy=true

SSH en el navegador SUBIR ARCHIVO DESCARGAR ARCHIVO

Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.8.0-1025-gcp x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Mon Mar 17 18:47:50 UTC 2025

System load:  0.19          Processes:    153
Usage of /:   31.1% of 48.2GB Users logged in:   1
Memory usage: 36%          IPv4 address for ens3: 10.125.0.4
Swap usage:   0%

 * Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
  just raised the bar for easy, resilient and secure K8s cluster deployment.
  https://ubuntu.com/engage/secure-kubernetes-at-the-edge

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run sudo pro status

New release '24.04.2 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Mon Mar 17 18:17:10 2025 from 35.235.249.128
muelajugla@cluster-practica-m1:~$ sudo sed -i 's#/etc/hive/conf/dist/hive-site.xml
muelajugla@cluster-practica-m1:~$ sudo sed -i 's#<property>\n    <name>es.nodes</name>\n    <value>34.175.112.86</value>\n  </property>\n  /etc/hive/conf/dist/hive-site.xml
muelajugla@cluster-practica-m1:~$ sudo sed -i 's#<property>\n    <name>es.port</name>\n    <value>9200</value>\n  </property>\n  /etc/hive/conf/dist/hive-site.xml
muelajugla@cluster-practica-m1:~$ sudo sed -i 's#<property>\n    <name>es.nodes.web.only</name>\n    <value>true</value>\n  </property>\n  /etc/hive/conf/dist/hive-site.xml
muelajugla@cluster-practica-m1:~$ sudo sed -i 's#<property>\n    <name>hive.aux.jar.path</name>\n    <value>/usr/lib/hive/lib/elasticsearch-hadoop-8.14.1.jar,/usr/lib/hive/lib/commons-httpclient-3.1.1.jar</value>\n  </property>\n  /etc/hive/conf/dist/hive-site.xml
muelajugla@cluster-practica-m1:~$ sudo cp elasticsearch-hadoop-8.14.1.jar /usr/lib/hive/lib/
muelajugla@cluster-practica-m1:~$ sudo cp commons-httpclient-3.1.jar /usr/lib/hive/lib/
muelajugla@cluster-practica-m1:~$ sudo systemctl restart hive-server2
muelajugla@cluster-practica-m1:~$
```

```
ssh.cloud.google.com/v2/ssh/projects/practica-454016/zones/us-central1-c/instances/cluster-practica-m1authuser=08h1es_4198/projectNumber=5857549787608useAdminProxy=true - Google Chrome
ssh.cloud.google.com/v2/ssh/projects/practica-454016/zones/us-central1-c/instances/cluster-practica-m1authuser=08h1es_4198/projectNumber=5857549787608useAdminProxy=true

SSH en el navegador SUBIR ARCHIVO DESCARGAR ARCHIVO

muelajugla@cluster-practica-m1:~$ cat /etc/hive/conf/dist/hive-site.xml | grep -A 2 -E 'es.nodes|es.port|es.nodes.web.only|hive.aux.jar.path'
    <name>es.nodes</name>
    <value>34.175.112.86</value>
  </property>

  <name>es.port</name>
  <value>9200</value>
</property>

  <name>es.nodes.web.only</name>
  <value>true</value>
</property>

  <name>hive.aux.jar.path</name>
  <value>/usr/lib/hive/lib/elasticsearch-hadoop-8.14.1.jar,/usr/lib/hive/lib/commons-httpclient-3.1.jar</value>
</property>
muelajugla@cluster-practica-m1:~$
```

• PARTE 4

```
ssh.cloud.google.com/v2/ssh/projects/practica-454016/zones/europe-southwest1-b/instances/instance-elastic-practica?authuser=0&hl=es_419&projectNumber=585754978760&useAdminProxy=true - Google Chrome
ssh.cloud.google.com/v2/ssh/projects/practica-454016/zones/europe-southwest1-b/instances/instance-elastic-practica?authuser=0&hl=es_419&projectNumber=585754978760&useAdminProxy=true

SSH en el navegador SUBIR ARCHIVO DESCARGAR ARCHIVO

{"_index":"alumnos","_id":"6","_version":2,"result":{"updated"},"_shards":{"total":2,"successful":1,"failed":0},"_seq_no":1,"_primary_term":1}}
mueliajugal@instance-elastic-practica:~$ curl -X POST 'localhost:9200/_bulk' -H 'Content-Type: application/json' -d
> { "_index": "alumnos", "_id": "3" } }
> { "_id": 3, "name": "Carlos", "last_name": "González" }
> { "_index": "alumnos", "_id": "4" } }
> { "_id": 4, "name": "Maria", "last_name": "López" }
> { "_index": "alumnos", "_id": "5" } }
> { "_id": 5, "name": "Isa", "last_name": "Martínez" }
> { "_index": "alumnos", "_id": "6" } }
> { "_id": 6, "name": "Sofia", "last_name": "Ramírez" }
> { "_index": "alumnos", "_id": "8" } }
> { "_id": 8, "name": "Pedro", "last_name": "Hernández" }
}
{"errors":false,"took":143,"items":[{"_index":"alumnos","_id":"3","_version":1,"result":{"created"},"_shards":{"total":2,"successful":1,"failed":0},"_seq_no":2,"_primary_term":1,"status":201},{ "_index":"alumnos","_id":"4","_ve
reason":1,"result":{"created"},"_shards":{"total":2,"successful":1,"failed":0},"_seq_no":3,"_primary_term":1,"status":201},{ "_index":"alumnos","_id":"5","_version":1,"result":{"created"},"_shards":{"total":2,"successful":1,"failed":0},"_seq_no":4,"_primary_term":1,"status":201},{ "_index":"alumnos","_id":"6","_version":1,"result":{"created"},"_shards":{"total":2,"successful":1,"failed":0},"_seq_no":5,"_primary_term":1,"status":201},{ "_index":"alumnos","_id":"8
mueliajugal@instance-elastic-practica:~$ curl -X GET 'localhost:9200/alumnos/_search?pretty'
{
  "took" : 166,
  "timed_out" : false,
  "_shards" : {
    "total" : 1,
    "successful" : 1,
    "skipped" : 0,
    "failed" : 0
  },
  "hits" : {
    "total" : {
      "value" : 6,
      "relation" : "eq"
    },
    "max_score" : 1.0,
    "hits" : [
      {
        "_index" : "alumnos",
        "_id" : "6",
        "_score" : 1.0,
        "_source" : {
          "title" : "New Document",
          "content" : "This is a new document for the master class",
          "tag" : [
            "general",
            "testing"
          ]
        }
      },
      {
        "_index" : "alumnos",
        "_id" : "3",
        "_score" : 1.0,
        "_source" : {
          "id" : 3,
          "name" : "Carlos",
          "last_name" : "González"
        }
      },
      {
        "_index" : "alumnos",
        "_id" : "4",
        "_score" : 1.0,

```

```
ssh.cloud.google.com/v2/ssh/projects/practica-454016/zones/europe-southwest1-b/instances/instance-elastic-practica?authuser=0&hl=es_419&projectNumber=585754978760&useAdminProxy=true - Google Chrome
ssh.cloud.google.com/v2/ssh/projects/practica-454016/zones/europe-southwest1-b/instances/instance-elastic-practica?authuser=0&hl=es_419&projectNumber=585754978760&useAdminProxy=true

SSH en el navegador SUBIR ARCHIVO DESCARGAR ARCHIVO

{
  "content" : "This is a new document for the master class",
  "tag" : [
    "general",
    "testing"
  ]
},
{
  "_index" : "alumnos",
  "_id" : "3",
  "_score" : 1.0,
  "_source" : {
    "id" : 3,
    "name" : "Carlos",
    "last_name" : "González"
  }
},
{
  "_index" : "alumnos",
  "_id" : "4",
  "_score" : 1.0,
  "_source" : {
    "id" : 4,
    "name" : "Maria",
    "last_name" : "López"
  }
},
{
  "_index" : "alumnos",
  "_id" : "5",
  "_score" : 1.0,
  "_source" : {
    "id" : 5,
    "name" : "Isa",
    "last_name" : "Martínez"
  }
},
{
  "_index" : "alumnos",
  "_id" : "6",
  "_score" : 1.0,
  "_source" : {
    "id" : 6,
    "name" : "Sofia",
    "last_name" : "Ramírez"
  }
},
{
  "_index" : "alumnos",
  "_id" : "8",
  "_score" : 1.0,
  "_source" : {
    "id" : 8,
    "name" : "Pedro",
    "last_name" : "Hernández"
  }
}
}
mueliajugal@instance-elastic-practica:~$
```