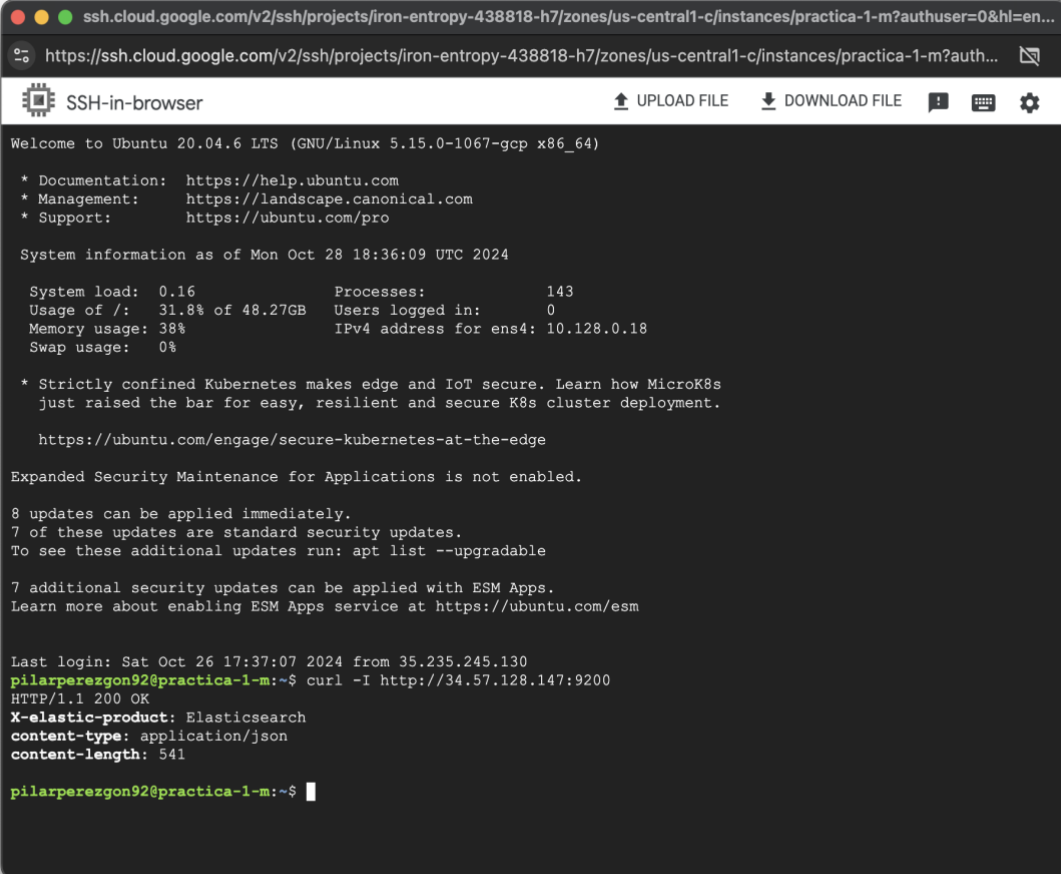


Primera parte de la práctica

[illegible]

Segunda parte de la práctica



```
ssh.cloud.google.com/v2/ssh/projects/iron-entropy-438818-h7/zones/us-central1-c/instances/practica-1-m?authuser=0&hl=en...
https://ssh.cloud.google.com/v2/ssh/projects/iron-entropy-438818-h7/zones/us-central1-c/instances/practica-1-m?auth...
SSH-in-browser
UPLOAD FILE
DOWNLOAD FILE
Welcome to Ubuntu 20.04.6 LTS (GNU/Linux 5.15.0-1067-gcp x86_64)

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

System information as of Mon Oct 28 18:36:09 UTC 2024

System load:  0.16           Processes:            143
Usage of /:   31.8% of 48.27GB Users logged in:        0
Memory usage: 38%          IPv4 address for ens4: 10.128.0.18
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.

8 updates can be applied immediately.
7 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

7 additional security updates can be applied with ESM Apps.
Learn more about enabling ESM Apps service at https://ubuntu.com/esm

Last login: Sat Oct 26 17:37:07 2024 from 35.235.245.130
pilarperezgon92@practica-1-m:~$ curl -I http://34.57.128.147:9200
HTTP/1.1 200 OK
X-elastic-product: Elasticsearch
content-type: application/json
content-length: 541

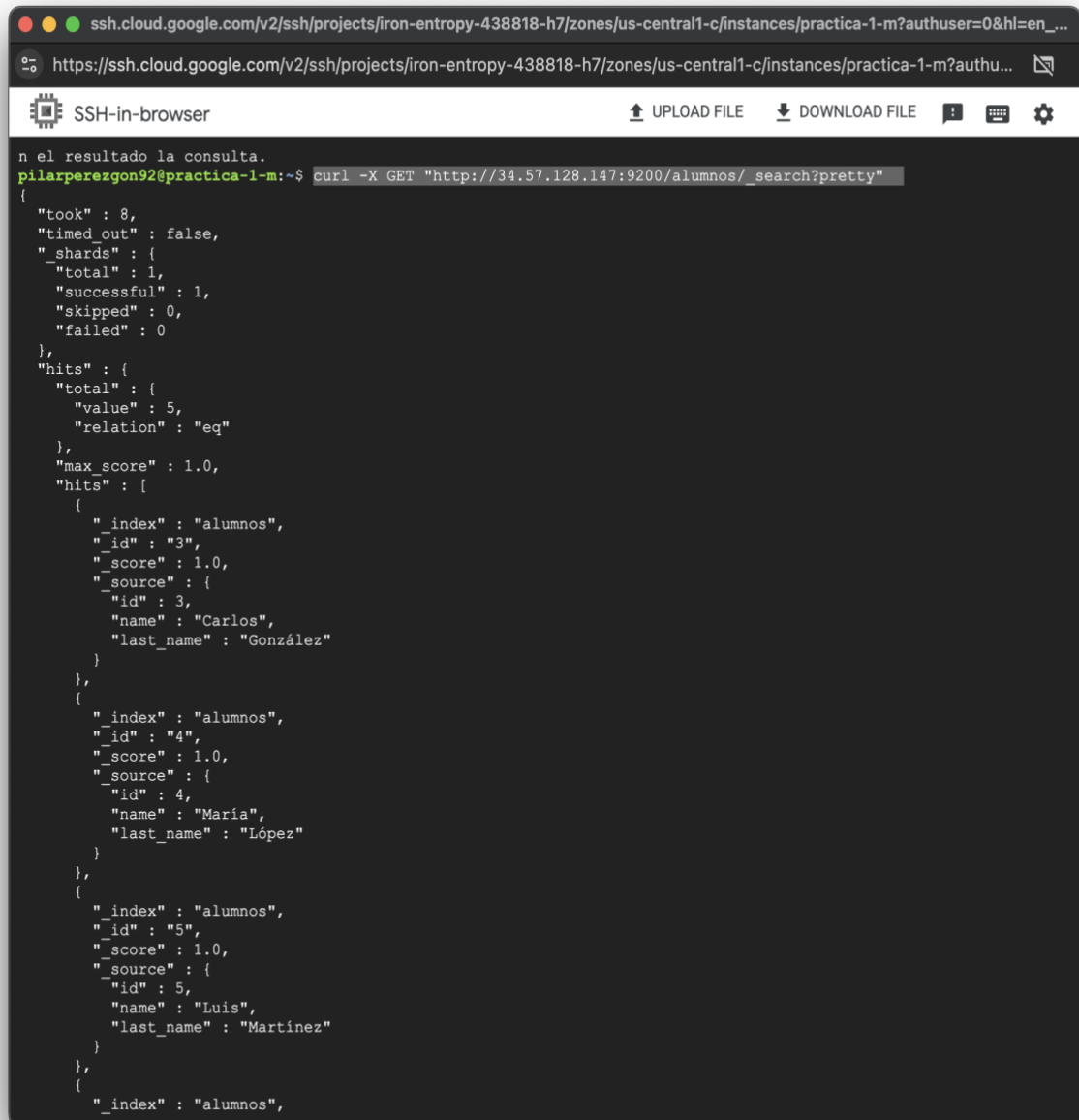
pilarperezgon92@practica-1-m:~$
```

Tercera parte de la práctica

```
ssh.cloud.google.com/v2/ssh/projects/iron-entropy-438818-h7/zones/us-central1-c/instances/practica-1-m?authuser=0&hl=en...
https://ssh.cloud.google.com/v2/ssh/projects/iron-entropy-438818-h7/zones/us-central1-c/instances/practica-1-m?...
SSH-in-browser
[Icons: Upload File, Download File, Help, Terminal, Settings]

No rows selected (1.209 seconds)
0: jdbc:hive2://localhost:10000> Closing: 0: jdbc:hive2://localhost:10000
pilarperezgon92@practica-1-m:~$ sudo sed -i '$d' /etc/hive/conf.dist/hive-site.xml
pilarperezgon92@practica-1-m:~$ sudo sed -i '$a \<property>\n<name>es.nodes</name>\n<value>34.57.128.147</value>\n</property>\n' /etc/hive/conf.dist/hive-site.xml
pilarperezgon92@practica-1-m:~$ sudo sed -i '$a \<property>\n<name>es.port</name>\n<value>9200</value>\n</property>\n' /etc/hive/conf.dist/hive-site.xml
pilarperezgon92@practica-1-m:~$ sudo sed -i '$a \<property>\n<name>es.nodes.wan.only</name>\n<value>true</value>\n</property>\n' /etc/hive/conf.dist/hive-site.xml
pilarperezgon92@practica-1-m:~$ sudo sed -i '$a \<property>\n<name>hive.aux.jars.path</name>\n<value>/usr/lib/hive/lib/elasticsearch-hadoop-8.14.1.jar,/usr/lib/hive/lib/commons-httpclient-3.1.jar</value>\n</property>\n</configuration>' /etc/hive/conf.dist/hive-site.xml
pilarperezgon92@practica-1-m:~$ sudo cp elasticsearch-hadoop-8.14.1.jar /usr/lib/hive/lib/
cp: cannot stat 'commons-httpclient-3.1.jar': No such file or directory
pilarperezgon92@practica-1-m:~$ sudo cp commons-httpclient-3.1.jar /usr/lib/hive/lib/
cp: cannot stat 'commons-httpclient-3.1.jar': No such file or directory
pilarperezgon92@practica-1-m:~$ sudo cp commons-httpclient-3.1.jar /usr/lib/hive/lib/
cp: cannot stat 'commons-httpclient-3.1.jar': No such file or directory
pilarperezgon92@practica-1-m:~$ ls
elasticsearch-hadoop-8.14.1.jar  snap
pilarperezgon92@practica-1-m:~$ ls
elasticsearch-hadoop-8.14.1.jar  snap
pilarperezgon92@practica-1-m:~$ ls
elasticsearch-hadoop-8.14.1.jar  snap
pilarperezgon92@practica-1-m:~$ sudo cp commons-httpclient-3.1.jar /usr/lib/hive/lib/
cp: cannot stat 'commons-httpclient-3.1.jar': No such file or directory
pilarperezgon92@practica-1-m:~$ find / -name "commons-httpclient-3.1.jar" 2>/dev/null
pilarperezgon92@practica-1-m:~$ gsutil cp gs://bucket-para-elastic/jars/elastic/commons-httpclient-3.1.jar .
CommandException: No URLs matched: gs://bucket-para-elastic/jars/elastic/commons-httpclient-3.1.jar
pilarperezgon92@practica-1-m:~$ gsutil cp gs://bucket-para-elastic/commons-httpclient-3.1.jar .
Copying gs://bucket-para-elastic/commons-httpclient-3.1.jar...
/ [1 files] [297.8 KiB/297.8 KiB]
Operation completed over 1 objects/297.8 KiB.
pilarperezgon92@practica-1-m:~$ ls
commons-httpclient-3.1.jar  elasticsearch-hadoop-8.14.1.jar  snap
pilarperezgon92@practica-1-m:~$ sudo cp commons-httpclient-3.1.jar /usr/lib/hive/lib/
pilarperezgon92@practica-1-m:~$ sudo service hive-server2 restart
pilarperezgon92@practica-1-m:~$
```

Cuarta parte de la práctica



The screenshot shows a terminal window titled "SSH-in-browser" with a URL bar at the top. The terminal prompt is `pilarperezgon92@practica-1-m:~$`. The user has entered the command `curl -X GET "http://34.57.128.147:9200/alumnos/_search?pretty"`. The output is a JSON response from an Elasticsearch search endpoint, displaying search statistics and a list of three student records.

```
n el resultado la consulta.
pilarperezgon92@practica-1-m:~$ curl -X GET "http://34.57.128.147:9200/alumnos/_search?pretty"
{
  "took" : 8,
  "timed_out" : false,
  "_shards" : {
    "total" : 1,
    "successful" : 1,
    "skipped" : 0,
    "failed" : 0
  },
  "hits" : {
    "total" : {
      "value" : 5,
      "relation" : "eq"
    },
    "max_score" : 1.0,
    "hits" : [
      {
        "_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" : "María",
          "last_name" : "López"
        }
      },
      {
        "_index" : "alumnos",
        "_id" : "5",
        "_score" : 1.0,
        "_source" : {
          "id" : 5,
          "name" : "Luis",
          "last_name" : "Martínez"
        }
      },
      {
        "_index" : "alumnos",
```

Quinta parte de la práctica :

Vemos el porcentaje de los apellidos de los alumnos.

