

Welcome to Ubuntu 20.04.6 LTS (GNU/Linux 5.15.0-1070-gcp x86_64)

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

System information as of Fri Nov 1 10:25:58 UTC 2024

System load:	0.28	Processes:	155
Usage of /:	31.6% of 48.27GB	Users logged in:	1
Memory usage:	41%	IPv4 address for ens4:	10.204.0.4
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.

1 update can be applied immediately.
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>

New release '22.04.5 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Fri Nov 1 10:19:39 2024 from 35.235.246.32

luciahrodero@hadoop-m:~\$ gsutil cp gs://bucket-para-elastic-kc/elasticsearch-hadoop-8.14.1.jar .

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

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

Operation completed over 1 objects/2.1 MiB.

luciahrodero@hadoop-m:~\$ gsutil cp gs://bucket-para-elastic-kc/commons-httpclient-3.1.jar .

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

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

Operation completed over 1 objects/297.8 KiB.

luciahrodero@hadoop-m:~\$ ls -l

total 2476

-rw-rw-r-- 1 luciahrodero luciahrodero 305001 Nov 1 10:27 commons-httpclient-3.1.jar

-rw-rw-r-- 1 luciahrodero luciahrodero 2224041 Nov 1 10:26 elasticsearch-hadoop-8.14.1.jar

drwx----- 3 luciahrodero luciahrodero 4096 Nov 1 10:13 snap

luciahrodero@hadoop-m:~\$

```
#
# 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 01-11-2024 10:44:26
#
# -----

# Enable security features
xpack.security.enabled: false

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: ["elastic"]

# 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 -----
luciahrodero@elastic:~$
```

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Usage of /:	31.6% of 48.27GB	Users logged in:	0
Memory usage:	41%	IPv4 address for ens4:	10.204.0.4
Swap usage:	0%		

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Last login: Fri Nov 1 10:25:59 2024 from 35.235.245.242

luciahrodero@hadoop-m:~\$ curl -I http://34.38.45.62:9200

HTTP/1.1 200 OK

X-elastic-product: Elasticsearch

content-type: application/json

content-length: 532

luciahrodero@hadoop-m:~\$ sudo sed -i '\$d' /etc/hive/conf.dist/hive-site.xml

luciahrodero@hadoop-m:~\$ sudo sed -i '\$a \ <property>\n <name>es.nodes</name>\n <value>34.38.45.62</value>\n </property>\n' /etc/hive/conf.dist/hive-site.xml

luciahrodero@hadoop-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

luciahrodero@hadoop-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

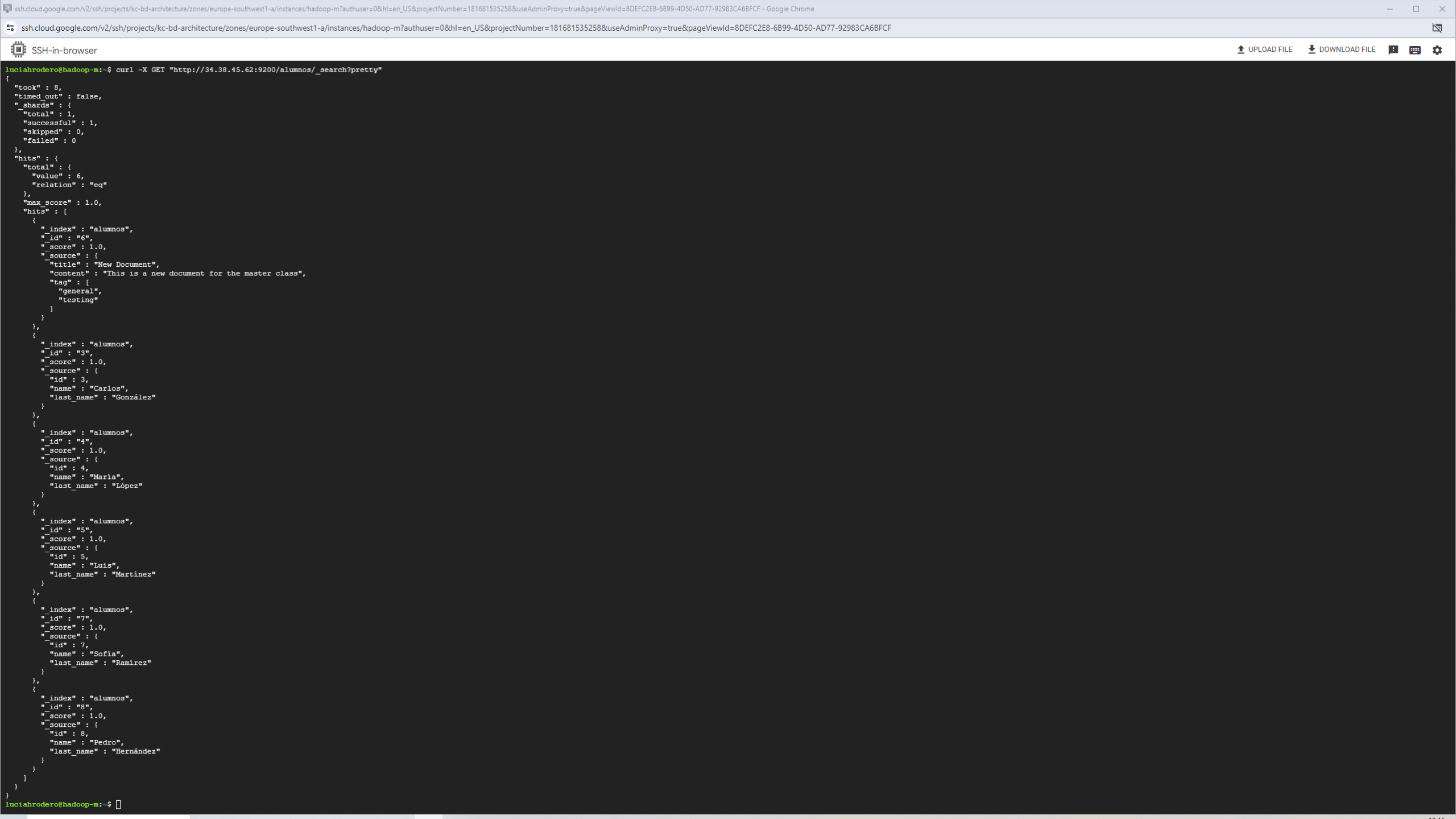
luciahrodero@hadoop-m:~\$ sudo sed -i '\$a \ <property>\n <name>hive.aux.jars.path</name>\n <value>/usr/lib/hive/lib/elasticsearch-hadoop-8.14.1.jar,/usr/lib/hive/lib/commons-httpclient-3.1.jar</value>\n </property>\n</configuration>' /etc/hive/conf.dist/hive-site.xml

luciahrodero@hadoop-m:~\$ sudo cp elasticsearch-hadoop-8.14.1.jar /usr/lib/hive/lib/

luciahrodero@hadoop-m:~\$ sudo cp commons-httpclient-3.1.jar /usr/lib/hive/lib/

luciahrodero@hadoop-m:~\$ sudo service hive-server2 restart

luciahrodero@hadoop-m:~\$



Dashboard students - Elastic

34.38.45.62:5601/app/dashboards#/view/64dc6edb-c995-458c-998b-f823a609aa60?_g=(filters:!(),refreshInterval:(pause:!t,value:60000),time:(from:now-15m,to:now))

elastic

Find apps, content, and more.

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Dashboards

Dashboard students

Full screen

Share

Clone

Reset

Edit

subject:*

Last 15 minutes

Refresh

Students data

name	last_name	gender	subject	grades
Carlos	González	male	Mathematics	8.5
María	López	female	Mathematics	9
Luis	Martínez	male	Mathematics	7
Sofía	Ramírez	female	Mathematics	9.5
Pedro	Hernández	male	Mathematics	6.5
Andrés	Fernández	male	Mathematics	7.5
Lucía	García	female	Mathematics	8
Javier	Pérez	male	Mathematics	6
Elena	Martínez	female	Mathematics	9
Antonio	Ramírez	male	Mathematics	5.5
Ana	Torres	female	Mathematics	4.5
Diego	Sánchez	male	History	8
Valeria	Morales	female	History	7
Rafael	Cruz	male	History	6.5
Carla	González	female	History	8.5
Samuel	Hernández	male	History	4.5
Mariana	Vásquez	female	History	9
Gustavo	Jiménez	male	History	7.5
Sofía	Alvarado	female	Mathematics	8.5

students per subject

subject	Count of id	Percentage
Mathematics	63.16%	63.16%
History	36.84%	36.84%

Mathematics grades

status	Percentage
Passed	91.67%
Failed	8.33%

History grades

status	Percentage
Passed	85.71%
Failed	14.29%

Mathematics students gender

gender	Percentage
female	50%
male	50%

History students gender

gender	Percentage
female	42.86%
male	57.14%