

root@ip-172-31-19-16:~/kibana-4.1.2-linux-x64

Using username "ec2-user".

Authenticating with public key "Elkkeypair"

```
  _ | _ | _ )  
  _ | ( _ | _ /  
  _ | \ _ | _ |  
Amazon Linux 2 AMI
```

<https://aws.amazon.com/amazon-linux-2/>

[ec2-user@ip-172-31-19-16 ~]\$ java -version

-bash: java: command not found

[ec2-user@ip-172-31-19-16 ~]\$ sudo yum -y install java-1.8.0-openjdk

Loaded plugins: extras\_suggestions, langpacks, priorities, update-motd

Resolving Dependencies

--> Running transaction check

--> Package java-1.8.0-openjdk.x86\_64 1:1.8.0.342.b07-1.amzn2.0.1 will be installed

--> Processing Dependency: java-1.8.0-openjdk-headless(x86-64) = 1:1.8.0.342.b07-1.amzn2.0.1

for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

--> Processing Dependency: xorg-x11-fonts-Type1 for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

--> Processing Dependency: libjvm.so(SUNWprivate\_1.1) (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

--> Processing Dependency: libjava.so(SUNWprivate\_1.1) (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

--> Processing Dependency: libasound.so.2(ALSA\_0.9.0rc4) (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

--> Processing Dependency: libasound.so.2(ALSA\_0.9) (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

--> Processing Dependency: libXcomposite(x86-64) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

--> Processing Dependency: gtk2(x86-64) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

--> Processing Dependency: fontconfig(x86-64) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

--> Processing Dependency: libjvm.so() (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

--> Processing Dependency: libjava.so() (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

--> Processing Dependency: libgif.so.4() (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

--> Processing Dependency: libasound.so.2() (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

--> Processing Dependency: libXtst.so.6() (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

--> Processing Dependency: libXrender.so.1() (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

--> Processing Dependency: libXi.so.6() (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

--> Processing Dependency: libXext.so.6() (64bit) for package: 1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

1:java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86\_64

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root@ip-172-31-19-16:~/kibana-4.1.2-linux-x64

```
Complete!
[root@ip-172-31-19-16 ~]# rm -f elasticsearch-1.7.2.noarch.rpm
[root@ip-172-31-19-16 ~]# service elasticsearch start
Starting elasticsearch (via systemctl): [ OK ]
[root@ip-172-31-19-16 ~]# sudo chkconfig --add elasticsearch
[root@ip-172-31-19-16 ~]# echo "network.host: 0.0.0.0" >> /etc/elasticsearch/elasticsearch.yml
1
[root@ip-172-31-19-16 ~]# cd /usr/share/elasticsearch/
[root@ip-172-31-19-16 elasticsearch]# ./bin/plugin -install mobz/elasticsearch-head
-> Installing mobz/elasticsearch-head...
Trying https://github.com/mobz/elasticsearch-head/archive/master.zip...
Downloading .....
.....DONE
Installed mobz/elasticsearch-head into /usr/share/elasticsearch/plugins/head
[root@ip-172-31-19-16 elasticsearch]# ./bin/plugin -install lukas-vlcek/bigdesk
-> Installing lukas-vlcek/bigdesk...
Trying https://github.com/lukas-vlcek/bigdesk/archive/master.zip...
Downloading .....
.....
.....DONE
Installed lukas-vlcek/bigdesk into /usr/share/elasticsearch/plugins/bigdesk
Identified as a _site plugin, moving to _site structure ...
[root@ip-172-31-19-16 elasticsearch]# ./bin/plugin install elasticsearch/elasticsearch-cloud-aws/2.7.1
-> Installing elasticsearch/elasticsearch-cloud-aws/2.7.1...
Trying http://download.elasticsearch.org/elasticsearch/elasticsearch-cloud-aws/elasticsearch-cloud-aws-2.7.1.zip...
Downloading DONE
failed to extract plugin [/usr/share/elasticsearch/plugins/cloud-aws.zip]: ZipException[zip file is empty]
[root@ip-172-31-19-16 elasticsearch]# ./bin/plugin --install lmenezes/elasticsearch-kopf/1.5.7
-> Installing lmenezes/elasticsearch-kopf/1.5.7...
Trying http://download.elasticsearch.org/lmenezes/elasticsearch-kopf/elasticsearch-kopf-1.5.7.zip...
Downloading DONE
failed to extract plugin [/usr/share/elasticsearch/plugins/kopf.zip]: ZipException[zip file is empty]
[root@ip-172-31-19-16 elasticsearch]# sudo su
[root@ip-172-31-19-16 elasticsearch]# yum update -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 3.7 kB 00:00:00
No packages marked for update
[root@ip-172-31-19-16 elasticsearch]# cd /root
[root@ip-172-31-19-16 ~]# wget https://download.elastic.co/kibana/kibana/kibana-4.1.2-linux-x64.tar.gz
--2022-10-11 06:26:47-- https://download.elastic.co/kibana/kibana/kibana-4.1.2-linux-x64.tar.gz
```



```
# Kibana is served by a back end server. This controls which port to use.
port: 5601

# The host to bind the server to.
host: "0.0.0.0"

# The Elasticsearch instance to use for all your queries.
elasticsearch_url: "http://localhost:9200"

# preserve_elasticsearch_host true will send the hostname specified in `elasticsearch`. If you set it to false,
# then the host you use to connect to *this* Kibana instance will be sent.
elasticsearch_preserve_host: true

# Kibana uses an index in Elasticsearch to store saved searches, visualizations
# and dashboards. It will create a new index if it doesn't already exist.
kibana_index: ".kibana"

# If your Elasticsearch is protected with basic auth, this is the user credentials
# used by the Kibana server to perform maintenance on the kibana_index at startup. Your Kibana
# users will still need to authenticate with Elasticsearch (which is proxied through
# the Kibana server)
# kibana_elasticsearch_username: user
# kibana_elasticsearch_password: pass

# If your Elasticsearch requires client certificate and key
# kibana_elasticsearch_client_cert: /path/to/your/client.crt
# kibana_elasticsearch_client_key: /path/to/your/client.key

# If you need to provide a CA certificate for your Elasticsearch instance, put
# the path of the pem file here.
# ca: /path/to/your/CA.pem

# The default application to load.
default_app_id: "discover"

# Time in milliseconds to wait for elasticsearch to respond to pings, defaults to
# request_timeout setting
# ping_timeout: 1500

# Time in milliseconds to wait for responses from the back end or elasticsearch.
# This must be > 0
request_timeout: 300000

# Time in milliseconds for Elasticsearch to wait for responses from shards.
```

^G Get Help	^O Write Out	^W Where Is	^K Cut Text	^J Justify	^C Cur Pos	M-U Undo	M-A Mark Text	M-J To Bracket	M-^ Previous	^B Back
^X Exit	^R Read File	^_ Replace	^U Uncut Text	^T To Spell	^_ Go To Line	M-E Redo	M-C Copy Text	M-W WhereIs Next	M-V Next	^F Forward



```
{
  "status" : 200,
  "name" : "Jackhammer",
  "cluster_name" : "elasticsearch",
  "version" : {
    "number" : "1.7.2",
    "build_hash" : "e43676b1385b8125d647f593f7202acbd816e8ec",
    "build_timestamp" : "2015-09-14T09:49:53Z",
    "build_snapshot" : false,
    "lucene_version" : "4.10.4"
  },
  "tagline" : "You Know, for Search"
}
```

★ Jackhammer  
Info Actions



ES node REST endpoint:  Refresh every  Keep  history

[nodes](#) [cluster](#)

Cluster: elasticsearch  
Number of nodes: 1  
Status: green

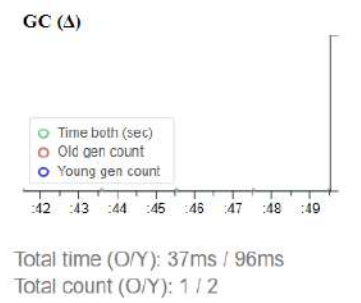
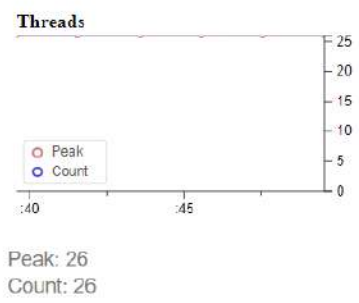


**Selected node:**  
Name: Jackhammer  
ID: Ui7U9KUeSNyNsk85Jciw1Q  
Hostname: ip-172-31-19-16.ec2.internal  
Elasticsearch version: 1.7.2

**JVM**

VM name: OpenJDK 64-Bit Server VM  
VM vendor: Red Hat, Inc.  
VM version: 25.342-b07

Uptime: 9.7m  
Java version: 1.8.0\_342  
PID: 4242



**Thread Pools**



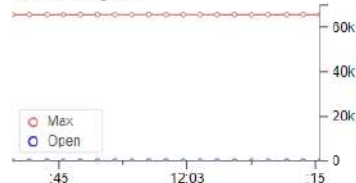
## OS

Uptime: 847ms  
Refresh interval: 1sms  
Total mem: 965.7mb (1012666368 b)  
Total swap: 0b (0 b)

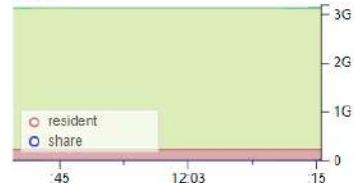


## Process

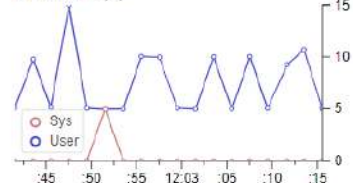
### File Descriptors



### Mem



### CPU time (Δ)



### CPU (%)



## HTTP & Transport

HTTP address: inet[/172.31.19.16:9200]

Bound address:  
inet[/0:0:0:0:0:0:0:0:9200]

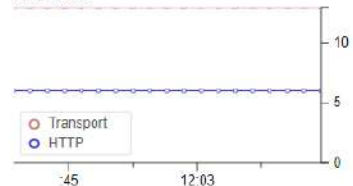
Publish address:  
inet[/172.31.19.16:9200]

Transport address:  
inet[/172.31.19.16:9300]

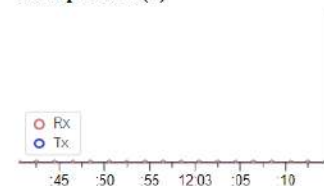
Bound address:  
inet[/0:0:0:0:0:0:0:0:9300]

Publish address:  
inet[/172.31.19.16:9300]

### Channels



### Transport size (Δ)



## Indices

Docs count: 0  
Docs deleted: 0

Flush: 0, 0s  
Refresh: 0, 0s

Size: 0b





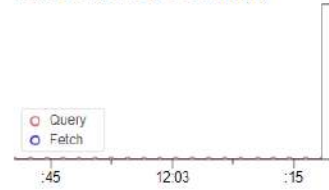
Indices

Docs count: 0  
Docs deleted: 0

Flush: 0, 0s  
Refresh: 0, 0s

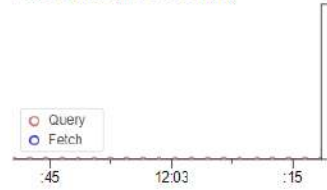
Size: 0b

Search requests per second (Δ)



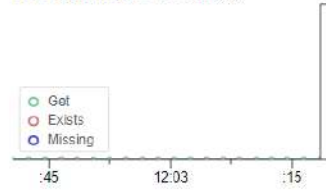
Query: 0  
Fetch: 0

Search time per second (Δ)



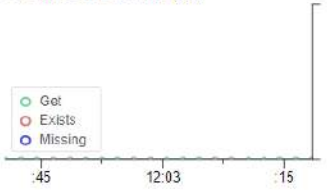
Query: 0s  
Fetch: 0s

Get requests per second (Δ)



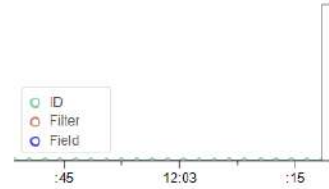
Get: 0  
Exists: 0  
Missing: 0

Get time per second (Δ)



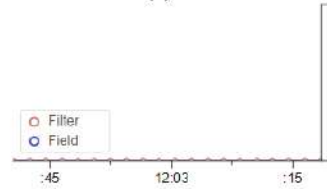
Get: 0s  
Exists: 0s  
Missing: 0s

Cache size



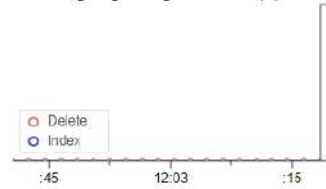
ID: 0b  
Filter: 0b  
Field: 0b

Cache evictions (Δ)



Filter: 0  
Field: 0

Indexing requests per second (Δ)



Delete: 0  
Index: 0

Indexing time per second (Δ)



Delete: 0s  
Index: 0s

File system

Device: /dev/xvda1  
Mount: /  
Path: /var/lib/elasticsearch/elasticsearch/nodes/0

# of Reads & Writes (Δ)



Read & Write size (Δ)

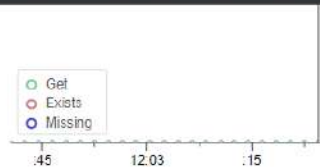




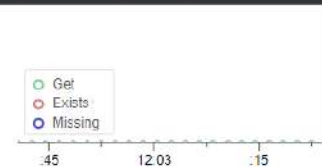
Query: 0  
Fetch: 0



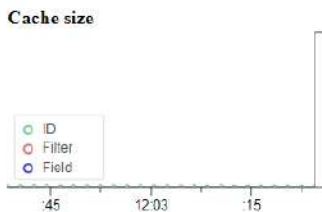
Query: 0s  
Fetch: 0s



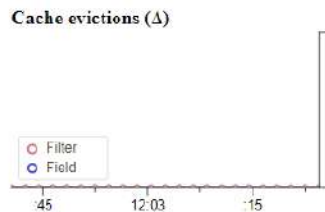
Get: 0  
Exists: 0  
Missing: 0



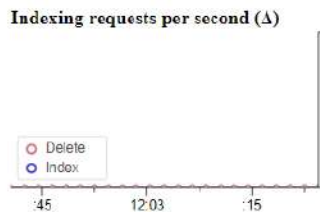
Get: 0s  
Exists: 0s  
Missing: 0s



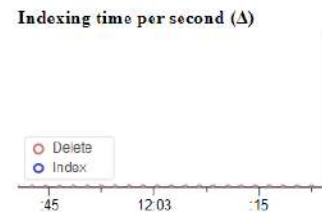
ID: 0b  
Filter: 0b  
Field: 0b



Filter: 0  
Field: 0



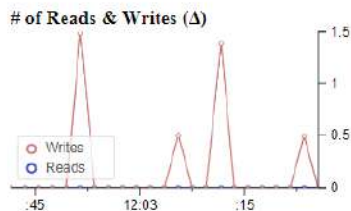
Delete: 0  
Index: 0



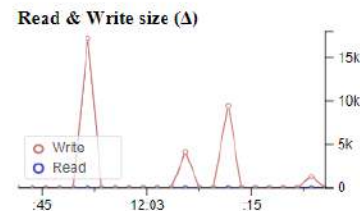
Delete: 0s  
Index: 0s

## File system

Device: /dev/xvda1  
Mount: /  
Path: /var/lib/elasticsearch/elasticsearch/nodes/0  
Free: 6.1gb  
Available: 6.1gb  
Total: 7.9gb



Writes: 10095  
Reads: 7734



Write: 740.4mb  
Read: 214.5mb