

ELASTIC SEARCH

INSTALLED WITH APT

```
curl -fsSL https://artifacts.elastic.co/GPG-KEY-elasticsearch | sudo apt-key  
add -
```

added Elastic's package source list

```
echo "deb https://artifacts.elastic.co/packages/7.x/apt stable main" | sudo tee  
-a /etc/apt/sources.list.d/elastic-7.x.list
```

install elastic search

```
sudo apt install elasticsearch
```

Configuring Elasticsearch

edited elastic search configuration file

```
sudo nano /etc/elasticsearch/elasticsearch.yml  
(network.host: 192.168.0.1 to network.host:localhost)
```

```
sudo systemctl start elasticsearch
```

```
sudo systemctl enable elasticsearch
```

testing elastic search

```
curl -X GET 'http://localhost:9200'
```

verify all the current settings

```
curl -XGET 'http://localhost:9200/_nodes?pretty'
```

Configure Elasticsearch within Magento

Log in to the Admin as an administrator.

Click Stores > Settings > Configuration > Catalog > Catalog > Catalog Search.

From the Search Engine list, select your Elasticsearch version.

Click Test Connection.

save config

how to reduce elastic search memory usage

```
sudo su
```

```
cd /etc/elasticsearch/
```

```
jvm.options
```

```
sudo nano jvm.option
```