

## Setup:Installation Guide/System Preparation/Linux /Elasticsearch

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**Elasticsearch is a prerequisite for the operation of Advanced Search. The steps listed here are optional and only required if you plan to use them in your BlueSpice installation.**

## Adding the package sources

Elasticsearch is not included in the package manager on Debian. However, the manufacturer provides a repository for the software. Add it with the following commands to your Debian installation. Prerequisite is that you have installed the program "gnupg" ( `apt install gnupg` ).

```
wget -q0 - https://artifacts.elastic.co/GPG-KEY-elasticsearch | apt-key add -; \  
echo "deb https://artifacts.elastic.co/packages/6.x/apt stable main" > /etc/apt  
/sources.list.d/elastic-6.x.list
```

## Installing Elasticsearch

The subsequent installation of Elasticsearch will guide you through these commands.

```
apt update; \  
apt install elasticsearch; \  
apt clean
```

## Installing ingest-attachment

For the advanced search in BlueSpice you need the plugin "ingest-attachment" for Elasticsearch. This Install it with the following command:

```
/usr/share/elasticsearch/bin/elasticsearch-plugin install -b ingest-attachment
```

## Start Elasticsearch and add it to startup

Add the Elasticsearch to startup and then start the service:

```
systemctl enable elasticsearch; \  
service elasticsearch start
```

## Next step

If you have completed all steps successfully, you can proceed to the next step "[Node.js](#)".