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Elasticsearch on Linux

* OpenSearch is available up to BlueSpice 4.3. Newer versions of BlueSpice 4 support [OpenSearch](#).

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Note: 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 "[Python](#)".

Setup:Installation Guide/System Preparation/Linux /OpenSearch



OpenSearch is available from BlueSpice 4.4. Earlier versions of BlueSpice 4 support [Elasticsearch](#).

Installation

Follow the official installation instructions on [opensearch.org](https://opensearch.org/docs/latest/install-and-configure/install-opensearch/debian/). Example for Debian:

<https://opensearch.org/docs/latest/install-and-configure/install-opensearch/debian/>

Plugin installation

You also need the plugin *ingest-attachment*. Install it as described here:

<https://opensearch.org/docs/latest/install-and-configure/plugins/>

Next step

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

Installing Python on Linux

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Important! Python is required to render the MediaWiki extension "SyntaxHighlight", which is part of BlueSpice. The steps listed here are required.

Installation

Install Python via Aptitude:

```
apt-get update; \  
apt-get -y install python3; \  
apt-get clean
```

Next step

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