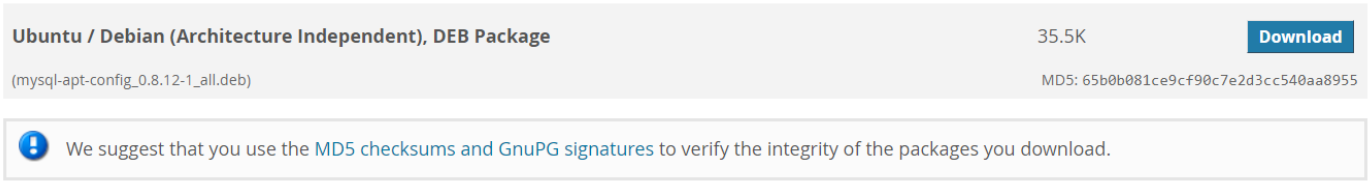
MySQL Server Linux Installation Guidelines

This document consists of guidelines and steps for installing MySQL server on a Linux distribution. The installation will be done using the **MySQL APT Repository**. The following steps are shown on **Ubuntu**, but the installation guide is **generic**.

Step 1. Download the MySQL APT Repository

The MySQL APT(**Advanced Package Tool**) Repository is a tool which provides us a simple way to install MySQL Community Server. First, we need to download and upgrade it in order to continue with the server installation.

Go to the MySQL APT Repository download page and download the given package as shown in the screenshot below. It is found on the bottom of the webpage.



Click the “Download” button and save the package file to a desired path.

Step 2. Install MySQL APT Repository

1. Open the folder in which you’ve downloaded the package from the previous step. **Open a terminal there** and run the following command **replacing the “version-specific-package-name.deb” with the name of the package you’ve downloaded.**

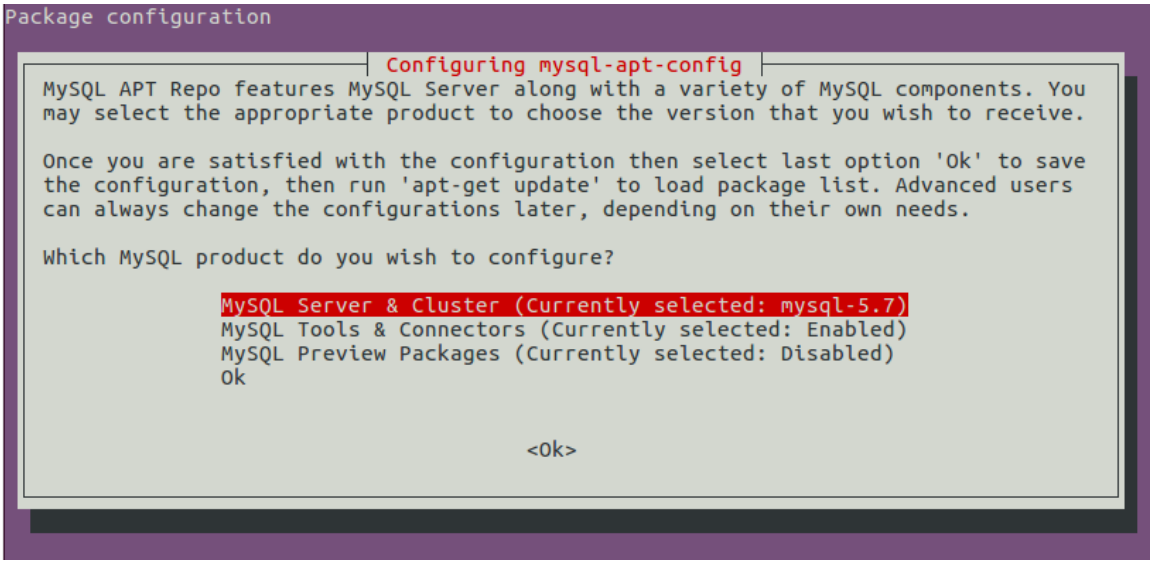
```
sudo dpkg -i version-specific-package-name.deb
```

For example:

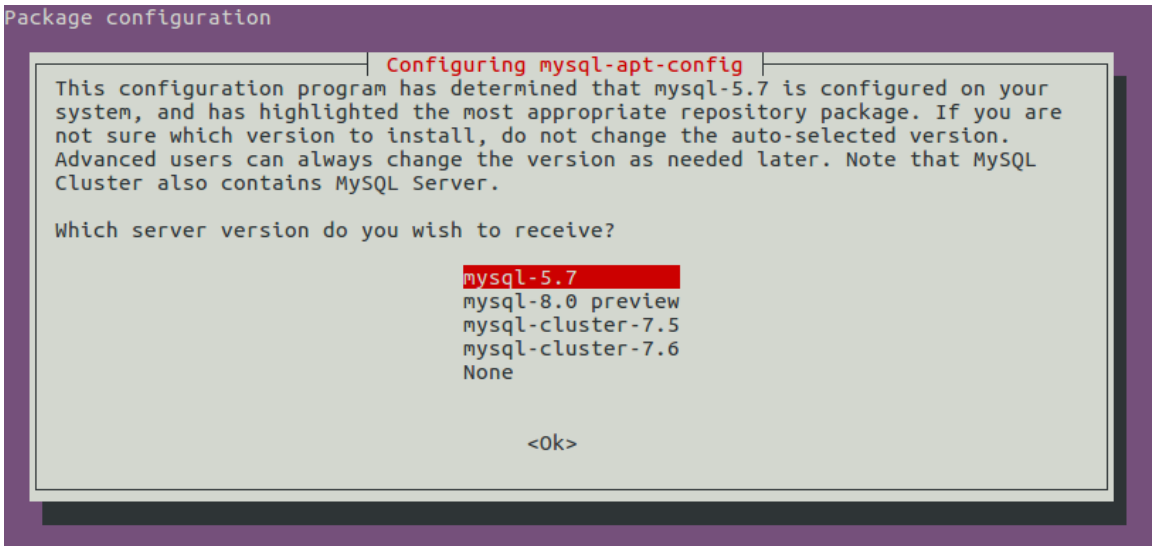
```
sudo dpkg -i mysql-apt-config_0.8.7-1_all.deb
```

You will be asked to provide **administrator password** in order to give permission to install.

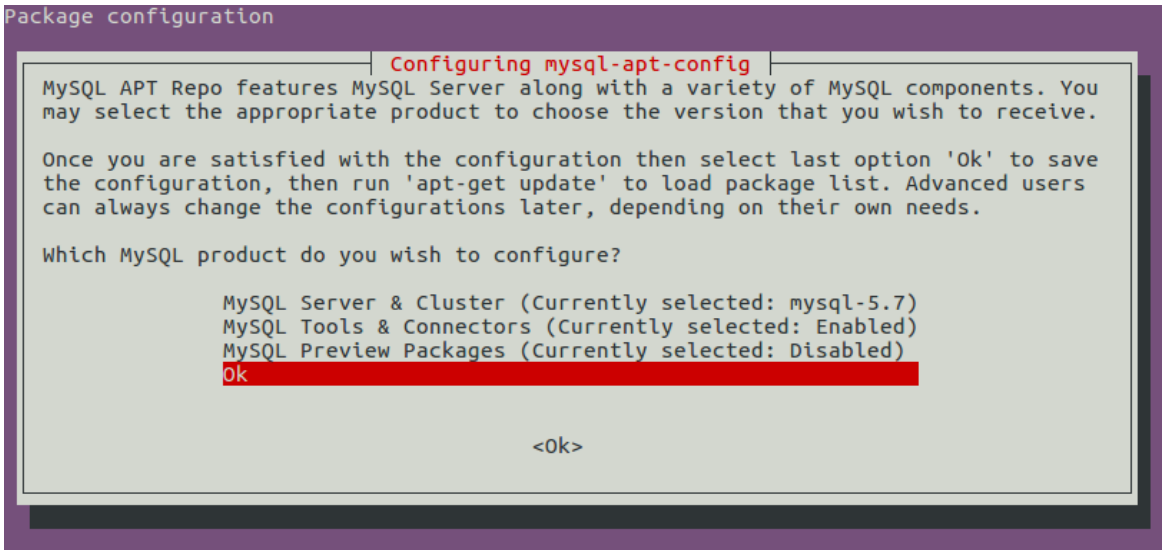
2. After you run the command a **Package configuration window** will appear where you’ll have to configure which MySQL components you want to install.



The version of MySQL that we are going to work with is 5.7 so explicitly select mysql-5.7.



Go back and select “Ok”.



Step 3. Update MySQL APT Repository

This step is very important and mandatory. We need to update the MySQL APT Repository with the following command:

```
sudo apt-get update
```

Step 4. Installing MySQL with APT

We install MySQL with the following command:

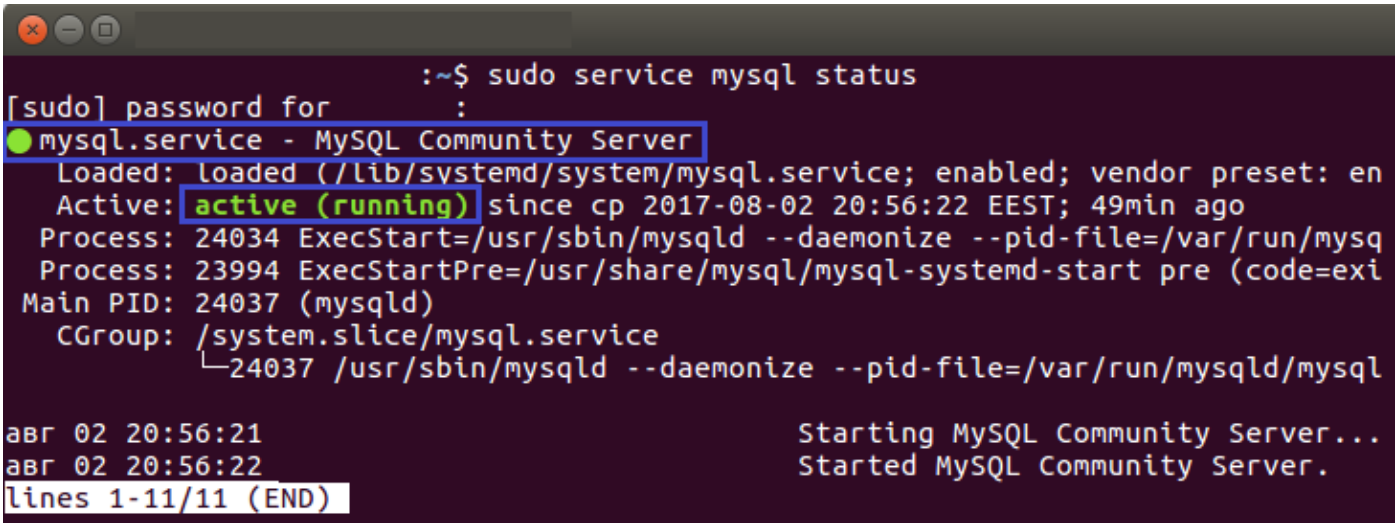
```
sudo apt-get install mysql-server
```

You will be asked again to **provide administrator password** and a **root password** for the server. Make sure you remember it to connect later.

Step 5. Running the MySQL Service

After completing the installation of MySQL Community Server, it will automatically run. You can check it's status running this command:

```
sudo service mysql status
```



You can **stop** the service running:

```
sudo service mysql stop
```

Or **start** it:

```
sudo service mysql start
```