

## 2 Debian/Ubuntu/Raspbian

### Overview

Official Zabbix packages are available for:

Debian 10 (Buster)	<a href="#">Download</a>
Debian 9 (Stretch)	<a href="#">Download</a>
Debian 8 (Jessie)	<a href="#">Download</a>
Ubuntu 18.04 (Bionic Beaver) LTS	<a href="#">Download</a>
Ubuntu 16.04 (Xenial Xerus) LTS	<a href="#">Download</a>
Ubuntu 14.04 (Trusty Tahr) LTS	<a href="#">Download</a>
Raspbian (Buster)	<a href="#">Download</a>
Raspbian (Stretch)	<a href="#">Download</a>

Packages are available with either MySQL/PostgreSQL database and Apache/Nginx webserver support.

Zabbix 5.0 is not released yet. The download links lead to pre-5.0 packages.

### Notes on installation

See the [installation instructions](#) per platform in the download page for:

- installing the repository
- installing server/agent/frontend
- creating initial database, importing initial data
- configuring database for Zabbix server
- configuring PHP for Zabbix frontend
- starting server/agent processes
- configuring Zabbix frontend

Zabbix agent 2 (zabbix-agent2) is supported only on Debian 9/10 and Ubuntu 18.04.

If you want to run Zabbix agent as root, see [Running agent as root](#).

### Importing data with Timescale DB

With TimescaleDB, in addition to the import command for PostgreSQL, also run:

```
# zcat /usr/share/doc/zabbix-server-pgsql*/timescaledb.sql.gz | sudo -u zabbix psql zabbix
```

TimescaleDB is supported with Zabbix server only.

### PHP 7.2

Zabbix frontend requires PHP version **7.2 or newer** starting with Zabbix 5.0.

See [instructions](#) for installing Zabbix frontend on distributions with PHP versions below 7.2.

## SELinux configuration

See [SELinux configuration](#) for RHEL/CentOS.

After the frontend and SELinux configuration is done, restart the Apache web server:

```
# service apache2 restart
```

## Proxy installation

Once the required repository is added, you can install Zabbix proxy by running:

```
# apt install zabbix-proxy-mysql
```

Substitute 'mysql' in the command with 'pgsql' to use PostgreSQL, or with 'sqlite3' to use SQLite3.

### Creating database

[Create](#) a separate database for Zabbix proxy.

Zabbix server and Zabbix proxy cannot use the same database. If they are installed on the same host, the proxy database must have a different name.

### Importing data

Import initial schema:

```
# zcat /usr/share/doc/zabbix-proxy-mysql/schema.sql.gz | mysql -uzabbix -p zabbix
```

For proxy with PostgreSQL (or SQLite):

```
# zcat /usr/share/doc/zabbix-proxy-pgsql/schema.sql.gz | sudo -u zabbix psql zabbix
# zcat /usr/share/doc/zabbix-proxy-sqlite3/schema.sql.gz | sqlite3 zabbix.db
```

### Configure database for Zabbix proxy

Edit zabbix\_proxy.conf:

```
# vi /etc/zabbix/zabbix_server.conf
```

```
DBHost=localhost
DBName=zabbix
DBUser=zabbix
DBPassword=<password>
```

In DBName for Zabbix proxy use a separate database from Zabbix server.

In DBPassword use Zabbix database password for MySQL; PostgreSQL user password for PostgreSQL.

Use DBHost= with PostgreSQL. You might want to keep the default setting DBHost=localhost (or an IP address), but this would make PostgreSQL use a network socket for connecting to Zabbix. Refer to the [respective section](#) for RHEL/CentOS for instructions.

### Starting Zabbix proxy process

To start a Zabbix proxy process and make it start at system boot:

```
# systemctl restart zabbix-proxy
# systemctl enable zabbix-proxy
```

### Frontend configuration

A Zabbix proxy does not have a frontend; it communicates with Zabbix server only.

## Java gateway installation

It is required to install [Java gateway](#) only if you want to monitor JMX applications. Java gateway is lightweight and does not require a database.

Once the required repository is added, you can install Zabbix Java gateway by running:

```
# apt install zabbix-java-gateway
```

Proceed to [setup](#) for more details on configuring and running Java gateway.

From:

<https://www.zabbix.com/documentation/5.0/> - **Zabbix Documentation 5.0**

Permanent link:

[https://www.zabbix.com/documentation/5.0/manual/installation/install\\_from\\_packages/debian\\_ubuntu](https://www.zabbix.com/documentation/5.0/manual/installation/install_from_packages/debian_ubuntu)

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