

# comment-installer-zabbix-monitoring-tool-sur-ubuntu-22-04

Zabbix is a powerful open-source monitoring solution to monitor IT infrastructure. With Zabbix, you can monitor various IT components, including networks, servers, virtual machines, and cloud services. Zabbix provides a web-based user interface to track and monitor metrics such as network utilization, CPU load, and disk space consumption. You can use these metrics to check the current health of your IT infrastructure and detect problems with hardware or software components. Zabbix offers agent software on the monitored server to gather data and send it to the Zabbix server.

This tutorial will show you how to install the Zabbix monitoring server on Ubuntu 22.04.

## Prerequisites

- A server running Ubuntu 22.04.
- A root password is configured on the server.

## Install Zabbix Repository

The Zabbix package is not available in the Ubuntu 22.04 default repository. So you will need to download and install the Zabbix official repository on your server.

First, download the Zabbix 6 repository package from their official website using the following command:

```
wget https://repo.zabbix.com/zabbix/6.2/ubuntu/pool/main/z/zabbix-release/zabbix-release_6.2-4%2Bubuntu22.04_all.deb
```

Next, install it using the following command:

```
dpkg -i zabbix-release_6.2-4+ubuntu22.04_all.deb
```

Once the Zabbix repository is added to APT, you can proceed to install the Zabbix server.

## Install Zabbix Monitoring Server

First, update the Zabbix repository using the following command:

```
apt-get update -y
```

Next, install the Zabbix server including other required components using the following command:

```
apt-get install zabbix-server-mysql zabbix-frontend-php zabbix-apache-conf zabbix-sql-scripts zabbix-agent zabbix-frontend-php zabbix-apache-conf -y
```

After installing all packages, edit the PHP configuration file and set your timezone:

```
nano /etc/php/8.1/apache2/php.ini
```

Change the following line:

```
date.timezone = UTC
```

Save and close the file when you are finished.

## Configure MariaDB Database

Zabbix uses a MariaDB as a database backend. You can install the MariaDB database server by running the following command:

```
apt-get install mariadb-server -y
```

Once the MariaDB server is installed, secure the MariaDB installation and set the root password with the following command:

```
mariadb-secure-installation
```

Answer all the questions as shown below:

```
Enter current password for root (enter for none):  
Switch to unix_socket authentication [Y/n] n  
Remove anonymous users? [Y/n] y  
Disallow root login remotely? [Y/n] y  
Remove test database and access to it? [Y/n] y  
Reload privilege tables now? [Y/n] y
```

Next, connect to the MariaDB shell using the following command:

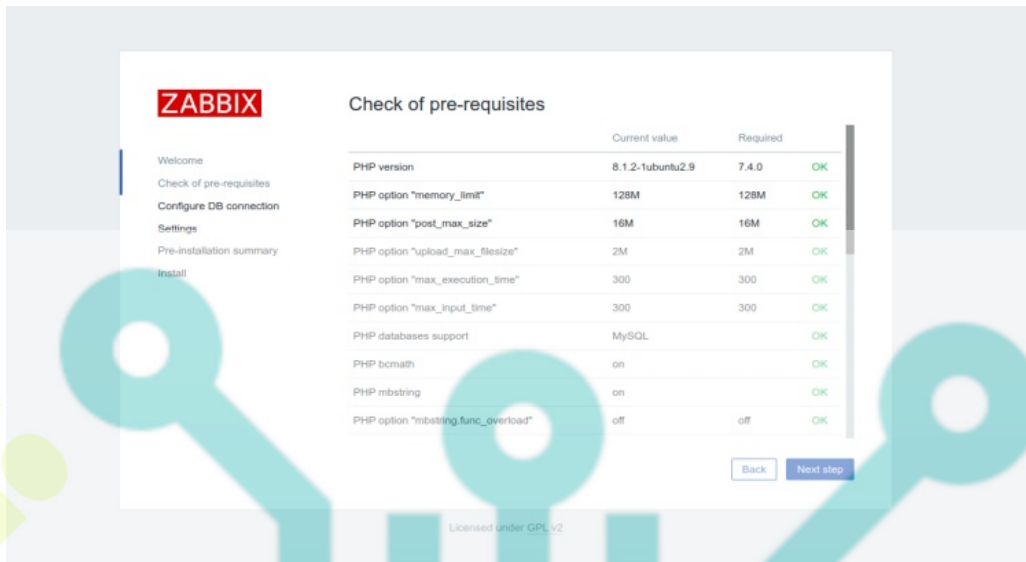
```
mysql -u root -p
```

Once you are logged in, create a database and user for Zabbix with the following command:









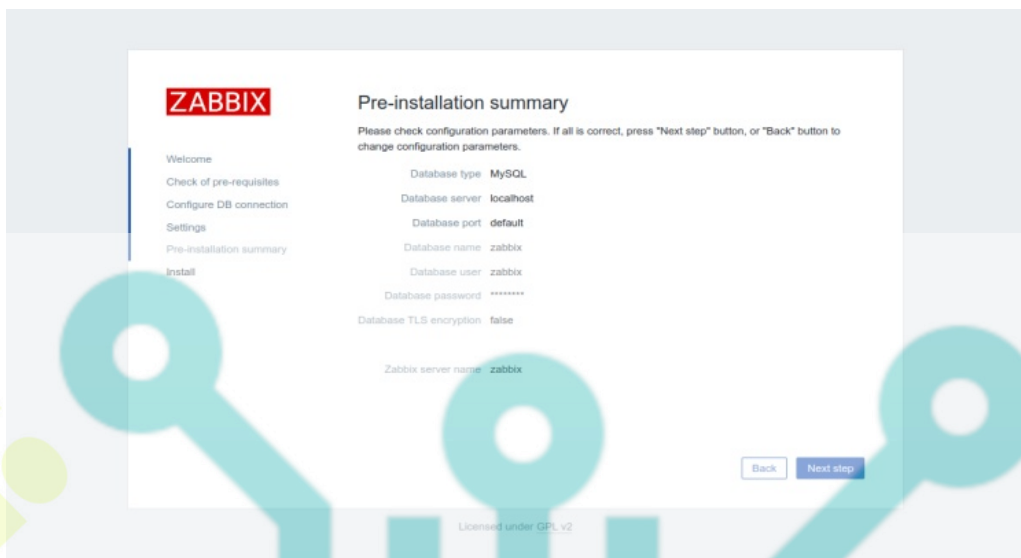
If all checks are ok then click on the **Next step** button. You should see the database connection page:



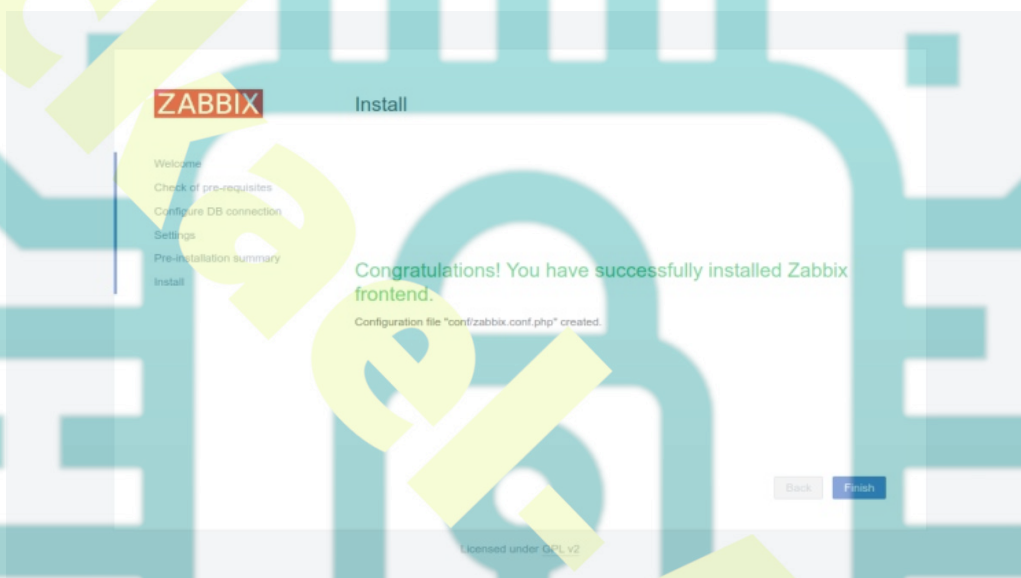
Provide your database information and click on the **Next step** button. You should see the Settings page:

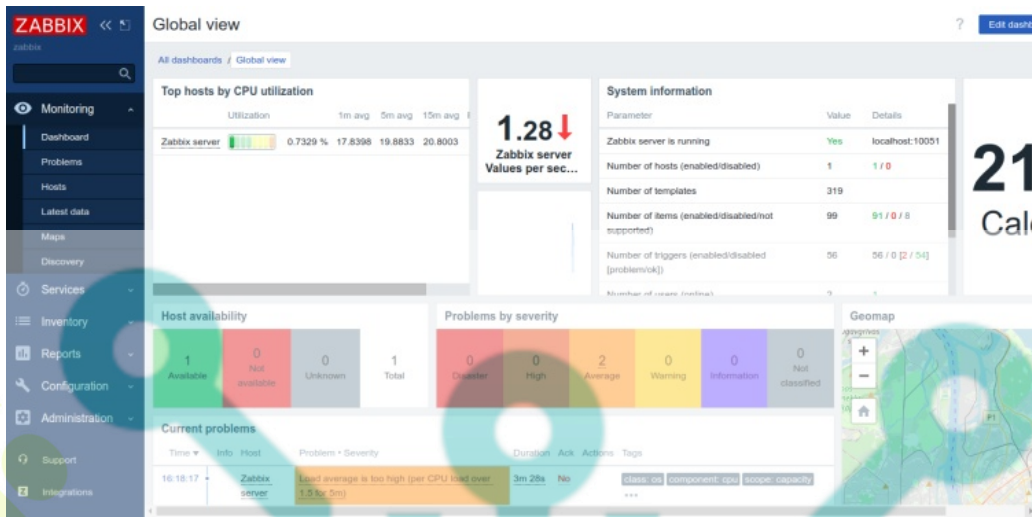


Define your Zabbix server name, timezone, theme, and click on the **Next step** button. You should see the installation summary page:



If everything is fine, click the **Next step** button to start the installation. Once the Zabbix is installed, you should see the following page:





## Conclusion

Congratulations! You have successfully installed the Zabbix monitoring server on Ubuntu 22.04. You can now install the Zabbix agent on the remote servers and start monitoring them from the Zabbix dashboard. Feel free to ask me if you have any questions.