Installation and Configuration of Zabbix 6.0 on Ubuntu 22.04

Before installing Zabbix you need to install MySQL on the Ubuntu 22.04

Follow the instructions and use the commands given below on the terminal of Ubuntu 22.04

1. Install Apache

```
sudo apt install apache2
```

2. Install PHP and other extensions:

```
sudo apt install php
php-{cgi,common,mbstring,net-socket,gd,xml-util,mysql,bcmath,
imap,snmp}
```

```
sudo apt install libapache2-mod-php
```

3. Install Zabbix repository:

```
wget
https://repo.zabbix.com/zabbix/6.0/ubuntu/pool/main/z/zabbix-
release/zabbix-release_6.0-4+ubuntu22.04_all.deb
```

```
sudo dpkg -i zabbix-release_6.0-4+ubuntu22.04_all.deb
```

```
sudo apt update
```

4. Install Zabbix server, frontend, agent:

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

5. Create initial database in MySQL:

```
mysql -uroot -p
```

Then run following commands in MySQL:

```
create database zabbix character set utf8mb4 collate
utf8mb4_bin;

create user zabbix@localhost identified by
'your_zabbix_password';

grant all privileges on zabbix.* to zabbix@localhost;

set global log_bin_trust_function_creators = 1;

Quit;
```

Now run the command:

```
zcat /usr/share/zabbix-sql-scripts/mysql/server.sql.gz |
mysql --default-character-set=utf8mb4 -uzabbix -p zabbix
```

Enter the password for the zabbix MySQL user that you configured when prompted.

Disable log_bin_trust_function_creators option after importing database schema.

```
mysql -uroot -p

set global log_bin_trust_function_creators = 0;

Quit;
```

6. Configure the database for Zabbix server

Edit file /etc/zabbix/zabbix_server.conf

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

DBPassword="zabbix_mysql_user_password_here
```

save it.

7. Start Zabbix server and agent processes and make it start at system boot.

```
sudo systemctl restart zabbix-server zabbix-agent apache2

sudo systemctl enable zabbix-server zabbix-agent apache2
```

Configure web frontend for Zabbix:

Now Open Zabbix UI Web page:

Hostname of Ubuntu machine or IP of Ubuntu machine:

```
http://host/zabbix
```

Connect to our newly installed Zabbix frontend using the above URL
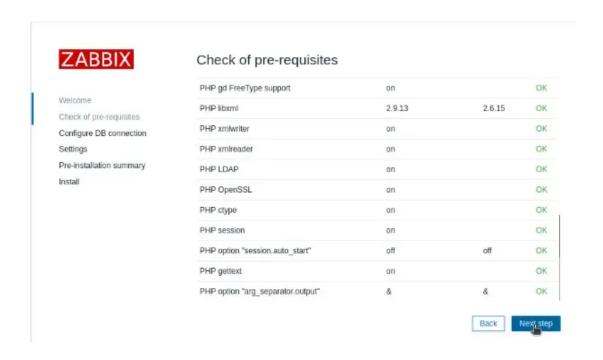
1. On terminal type hostname:
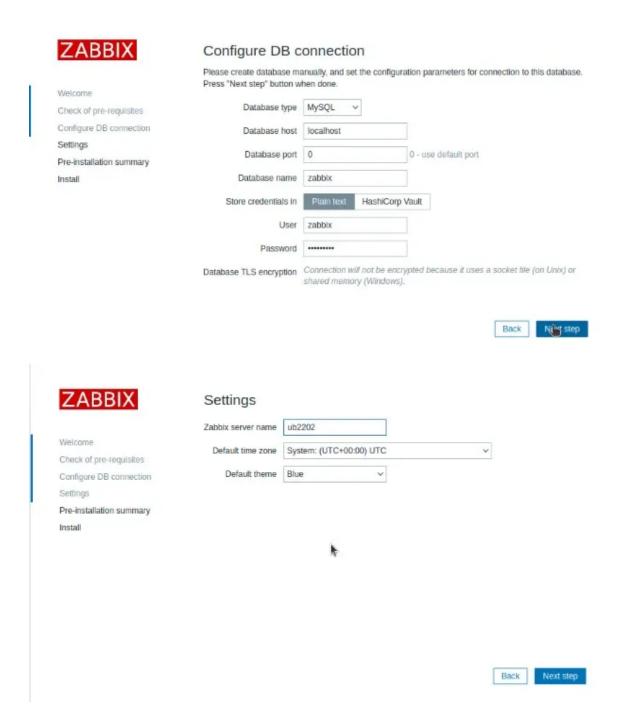
You will get the hostname

2. Now type the URL in the browser:
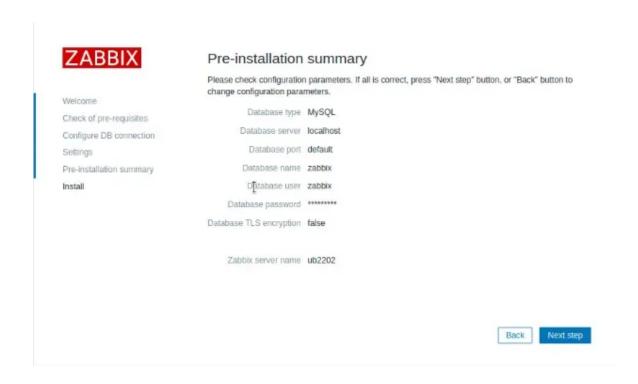
 http://your _hostname/zabbix

Now, click on the Next step
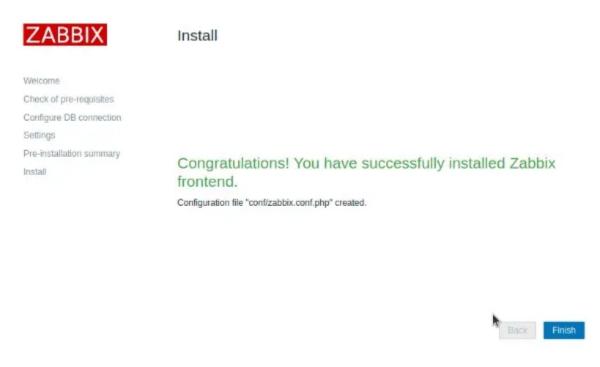

Click on Next

ZABBIX

Welcome
Check of pre-requisites
Configure DB connection
Settings
Pre-installation summary
Install

Configure DB connection

Please create database manually, and set the configuration parameters for connection to this database. Press "Next step" button when done.

Database type	MySQL
Database host	localhost
Database port	0 0 - use default port
Database name	zabbix
Store credentials in	Plain text HashiCorp Vault
User	zabbix
Password	••••••••
Database TLS encryption	Connection will not be encrypted because it uses a socket file (on Unix) or shared memory (Windows).

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ZABBIX

Welcome
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Settings

Zabbix server name	ub2202
Default time zone	System: (UTC+00:00) UTC
Default theme	Blue

Back   Next step

Provide Zabbix server name(i.e. hostname) and click on next.

Review the summary and click on next.

We have successfully configured. Click on Finish.

Then, provide username and password:

Now, we will be directed to the Zabbix dashboard.