Install and configure Zabbix for your platform

a. Install Zabbix repository

Documentation

wget https://repo.zabbix.com/zabbix/7.0/debian/pool/main/z/zabbix-release/zabbix-release_latest_7.0+debian12_all.deb
dpkg -i zabbix-release_latest_7.0+debian12_all.deb
apt update

b. Install Zabbix server, frontend, agent

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

c. Create initial database

Documentation

Make sure you have database server up and running.

Run the following on your database host.

mysql -uroot -p
password
mysql> create database zabbix character set utf8mb4 collate utf8mb4_bin;
mysql> create user zabbix@localhost identified by 'password';
mysql> grant all privileges on zabbix.* to zabbix@localhost;
mysql> set global log_bin_trust_function_creators = 1;
mysql> quit;

On Zabbix server host import initial schema and data. You will be prompted to enter your newly created password.

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

Disable log_bin_trust_function_creators option after importing database schema.

mysql -uroot -p
password
mysql> set global log_bin_trust_function_creators = 0;
mysql> quit;

d. Configure the database for Zabbix server

Edit file /etc/zabbix/zabbix_server.conf

DBPassword=password

e. Start Zabbix server and agent processes

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

systemctl restart zabbix-server zabbix-agent apache2
systemctl enable zabbix-server zabbix-agent apache2

Install agent Zabbix on Windows

On the website Zabbix download Zabbix agent v7.0.11

Refresh Zabbix to activate the desktop

Install agent Zabbix on Linux

Debian

 # Ajout du dépôt

wget https://repo.zabbix.com/zabbix/7.0/debian/pool/main/z/zabbix-release/zabbix-release_latest_7.0+debian12_all.deb

dpkg -i zabbix-release_latest_7.0+debian12_all.deb

apt update

 # Installation de l'agent

apt install zabbix-agent

 # Configuration

nano /etc/zabbix/zabbix_agentd.conf

 # Modifier:

  Server=<IP_DU_SERVEUR_ZABBIX>

  ServerActive=<IP_DU_SERVEUR_ZABBIX>

  Hostname=<NOM_DE_LA_MACHINE>

 # Démarrage et activation du service

systemctl restart zabbix-agent

systemctl enable zabbix-agent

 # Configuration du pare-feu

ufw allow 10050/tcp