

# ZABBIX SERVER

## DEPLOYMENT AND INSTALLATION

PREPARED BY

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## INSTALLATION PLACE

- VM IN HYPER-V WITH 4GB RAM AND 4 PROCESSORS
- OPERATIONAL SYSTEM INSTALLED - CENTOS 8
- SERVER NAME - SRV-ZBX
- USER NAME - ROOT

## DOCUMENTATION AND PROCEDURES

- RIGHT-CLICK THE DESKTOP AND LEFT-CLICK OPEN TERMINAL
- [ROOT@SRV-ZBX]# GETENFORCE //EXPECTED PERMISSIVE
- [ROOT@SRV-ZBX]# SETENFORCE O //IF ENFORCING
- CHOOSE THE VERSION TO INSTALL ON  
[HTTPS://WWW.ZABBIX.COM/DOWNLOAD](https://www.zabbix.com/download)

1 Choose your platform

ZABBIX VERSION	OS DISTRIBUTION	OS VERSION	DATABASE	WEB SERVER
5.4	Red Hat Enterprise Linux	8	MySQL	Apache
5.2	CentOS	7	PostgreSQL	NGINX
5.0 LTS	Oracle Linux	6		
4.0 LTS	Ubuntu			
	Debian			
	SUSE Linux Enterprise Server			
	Raspberry Pi OS			
	Ubuntu (arm64)			

- COPY THE COMMAND PROVIDED IN STEP 2

2 Install and configure Zabbix server for your platform

a. Install Zabbix repository [Documentation](#)

```
# rpm -Uvh https://repo.zabbix.com/zabbix/5.0/rhel/8/x86_64/zabbix-release-5.0-1.el8.noarch.rpm
# dnf clean all
```

- PASTE IN THE TERMINAL:
- [ROOT@SRV-ZBX]# RPM -UVH  
HTTPS://REPO.ZABBIX.COM/ZABBIX/5.0/RHEL/8/X86\_64/ZABBIX-RELEASE-5.0-1.EL8.NOARCH.RPM
- [ROOT@SRV-ZBX]# YUM SEARCH ZABBIX //ENSURES IT HAS BEEN ADDED TO THE REPOSITORY
- DNF INSTALL MARIADB-SERVER //INSTALL MARIA DB DATABASE
- [ROOT@SRV-ZBX]# SYSTEMCTL START MARIADB //START THE SERVICE
- [ROOT@SRV-ZBX]# SYSTEMCTL STATUS MARIADB //CHECK THE SERVICE
- [ROOT@SRV-ZBX]# SYSTEMCTL ENABLE MARIADB //ENABLES AUTOMATIC START
- [ROOT@SRV-ZBX]# MYSQL\_SECURE\_INSTALLATION //UPDATES DATABASE FOR SECURE CONNECTIONS

- [ROOT@SRV-ZBX]# YUM INSTALL ZABBIX-GET ZABBIX-AGENT ZABBIX-SERVER-MYSQL ZABBIX-WEB-MYSQL MARIADB-SERVER -Y **//INSTALL ZABBIX PACKAGES**
- [ROOT@SRV-ZBX]# MYSQL -P
- CREATE DATABASE ZABBIX CHARACTER SET UTF8 COLLATE UTF8\_BIN;
- GRANT ALL PRIVILEGES ON ZABBIX.\* TO ZABBIX@LOCALHOST IDENTIFIED BY '@SENHA';
- SHOW DATABASES; **//CHECK IF THE DATABASE IS CREATED**
- QUIT;
- [ROOT@SRV-ZBX]# CD /USR/SHARE/DOC/ZABBIX-SERVER-MYSQL
- [ROOT@SRV-ZBX]# ZCAT CREATE.SQL.GZ | MYSQL ZABBIX -P
- MYSQL -P
- USE ZABBIX;
- SHOW TABLES;
- QUIT;
- [ROOT@SRV-ZBX]# VIM /ETC/ZABBIX/ZABBIX\_SERVER.CONF
- CHECK IF THE DBNAME IS WITH THE CORRECT NAME OF THE MYSQL BASE
- ADD IN THE PASSWORD FIELD, WHICH PASSWORD YOU USED IN THE DATABASE
- [ROOT@SRV-ZBX]# SYSTEMCTL START ZABBIX-SERVER **//START THE SERVICE**
- [ROOT@SRV-ZBX]# LESS /VAR/LOG/ZABBIX/ZABBIX\_SERVER.LOG **//CHECK ZABBIX START LOGS**
- YUM INSTALL ZABBIX-APACHE-CONF **//INSTALL APACHE WEB SERVER AND ZABBIX SETTINGS**
- [ROOT@SRV-ZBX]# FIREWALL-CMD --PERMANENT --ZONE=PUBLIC --ADD-PORT=80/TCP **//ENABLE PORT FOR WEB ACCESS**
- [ROOT@SRV-ZBX]# FIREWALL-CMD --PERMANENT --ZONE=PUBLIC --ADD-PORT=10050/TCP **//ENABLE PORT FOR ZABBIX AGENT**
- [ROOT@SRV-ZBX]# FIREWALL-CMD --PERMANENT --ZONE=PUBLIC --ADD-PORT=10051/TCP **//ENABLE PORT FOR ZABBIX AGENT**
- [ROOT@SRV-ZBX]# SYSTEMCTL RESTART FIREWALLD **//RESTARTS THE FIREWALL**
- ACCESS THE ZABBIX IP IN THE BROWSER
- CONFIGURE THE ARGUMENTS, LOCAL HOST, PORT 10051, SERVER NAME
- NEXT TO FINISH
- EDIT THE ZABBIX\_SERVER.CONF
- STARTDISCOVERERS=1 **//UNCOMMENT THIS LINE AND ASSIGN A NUMBER**
- **ATTENTION, VERY LARGE NUMBER REQUIRES A LOT OF PROCESSING, AND MAY CRASH THE SERVER**
- EDIT THE ZABBIX\_AGENT.CONF
- SOURCEIP, SERVER, SERVERACTIVE,
- ENABLEREMOTECOMANDS=1 **//UNCOMMENT THIS LINE**



## ADDITIONAL

- WHEN RESTARTING THE SERVER, CHECK IF THE SERVER IS PERMISSIVE
- [ROOT@SRV-ZBX]# GETENFORCE
- [ROOT@SRV-ZBX]# SYSTEMCTL RESTART ZABBIX-SERVER ZABBIX-AGENT  
HTTPD PHP-FPM
- USER NAME - ROOT

## CONTATO

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