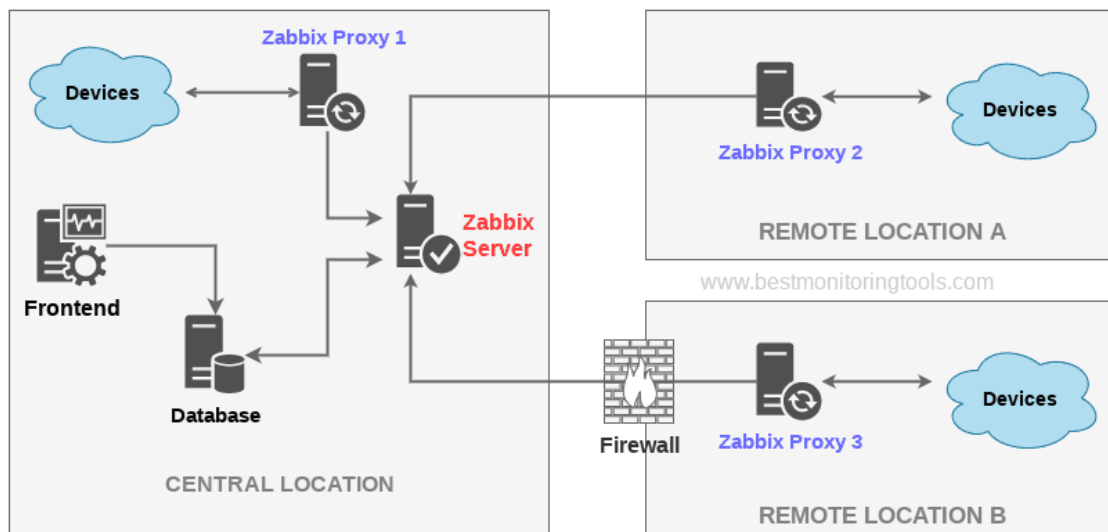


Zabbix



Version 1.0

VERSION HISTORY

<i>Version</i>	<i>Date</i>	<i>Version Author</i>	<i>Version Changes</i>
1.0	14/07/2022	Pedro Akira Danno Lima	Original Zabbix document.

DOCUMENT SUMMARY

<i>Description:</i>	This document describes the Zabbix installation and configuration processes.
<i>Place of Publication:</i>	
<i>Version Validity::</i>	14/07/2022
<i>Based on the Version 1.0 Publishing Model</i>	

Sumário

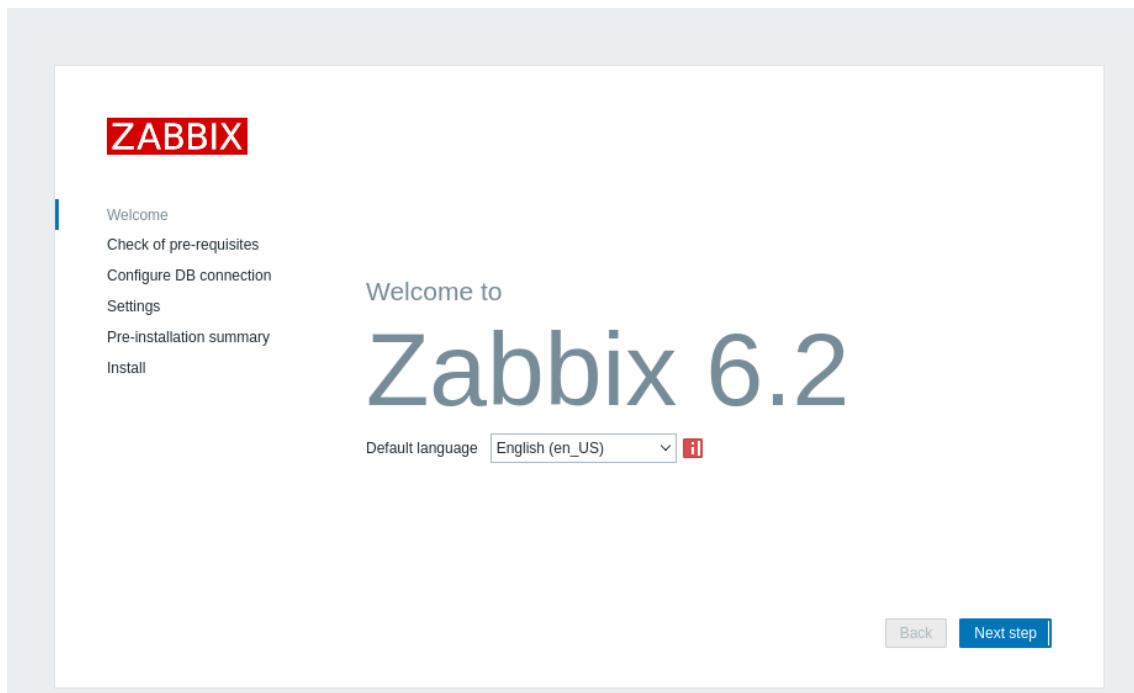
Configurações Gerais:	Error! Bookmark not defined.
Configurações do Banco de Dados:	Error! Bookmark not defined.
Configurações de Oracle Linux/VM:	Error! Bookmark not defined.
Criação da conta Oracle	Error! Bookmark not defined.

Configure the zabbix web after install following README.md steps

Step 1 – open browser and put:

`http://localhost/zabbix`

Step 2 – click in **next step**



Zabbix

Step 2 – click in **next step**

ZABBIX

Welcome

Check of pre-requisites

Configure DB connection

Settings

Pre-installation summary

Install

Check of pre-requisites

PHP option "max_execution_time"	300	300	OK
PHP option "max_input_time"	300	300	OK
PHP databases support	PostgreSQL		OK
PHP bcmath	on		OK
PHP mbstring	on		OK
PHP option "mbstring.func_overload"	off	off	OK
PHP sockets	on		OK
PHP gd	2.3.0	2.0	OK
PHP gd PNG support	on		OK
PHP gd JPEG support	on		OK
PHP gd GIF support	on		OK
PHP gd FreeType support	on		OK

BackNext step

Step 3 – Configure DB connection-> **Next step**

Put password: Zabbix

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

PostgreSQL

Database host

localhost

Database port

0

0 - use default port

Database name

zabbix

Database schema

Store credentials in

Plain text

HashiCorp Vault

CyberArk Vault

User

zabbix

Password

••••••

Database TLS encryption

☒

BackNext step

Step 4 –Next step

ZABBIX

[Welcome](#)
[Check of pre-requisites](#)
[Configure DB connection](#)
Settings
[Pre-installation summary](#)
[Install](#)

Settings

Zabbix server name

Default time zone

Default theme

[Back](#) [Next step](#)

Step 5 –Next step

ZABBIX

[Welcome](#)
[Check of pre-requisites](#)
[Configure DB connection](#)
[Settings](#)
Pre-installation summary
[Install](#)

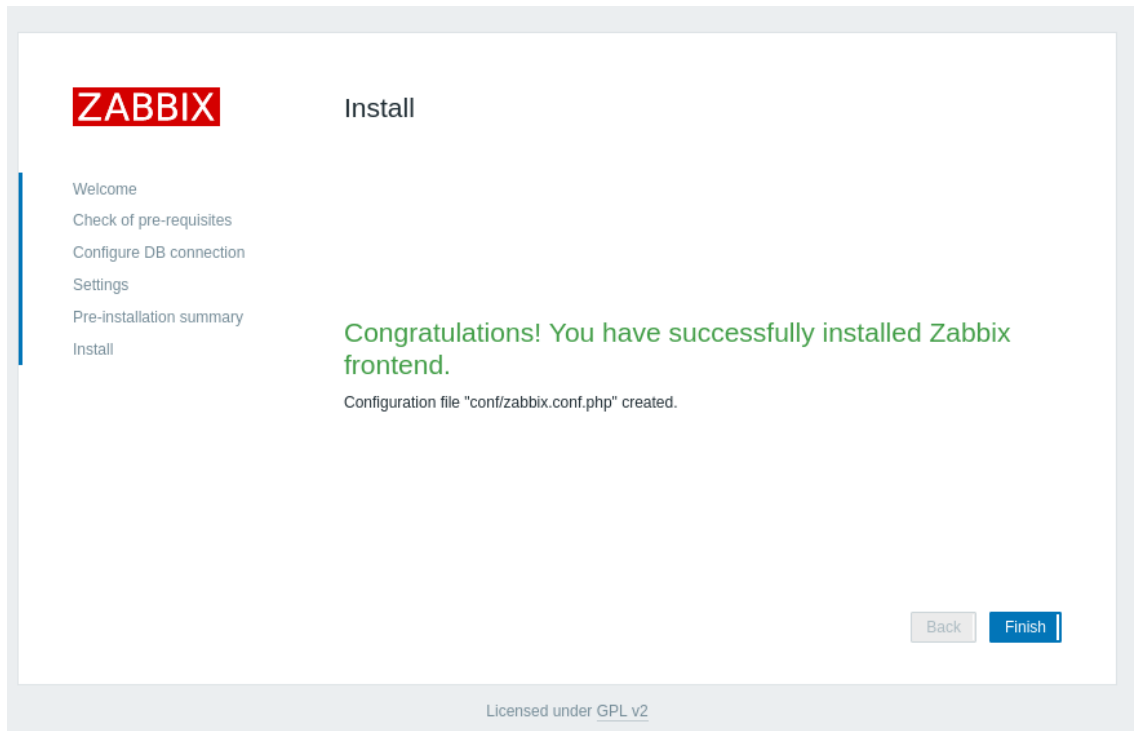
Pre-installation summary

Please check configuration parameters. If all is correct, press "Next step" button, or "Back" button to change configuration parameters.

Database type	PostgreSQL
Database server	localhost
Database port	default
Database name	zabbix
Database user	zabbix
Database password	*****
Database schema	
Database TLS encryption	true

[Back](#) [Next step](#)

Step 6 – Finish

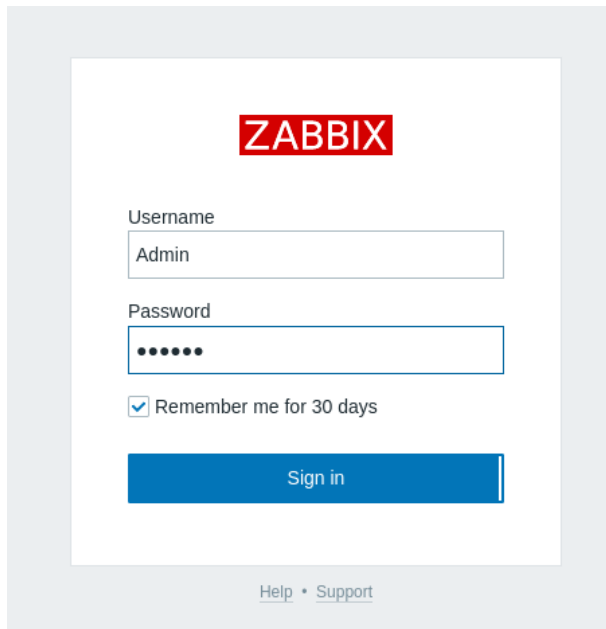


Zabbix

LOGIN

Username: Admin

Password: zabbix



The login form is centered on a light gray background. It features the ZABBIX logo in a red box at the top. Below the logo, there are two input fields: 'Username' with 'Admin' entered and 'Password' with masked characters. A checkbox labeled 'Remember me for 30 days' is checked. A blue 'Sign in' button is at the bottom. At the very bottom, there are links for 'Help' and 'Support'.

ZABBIX

Username
Admin

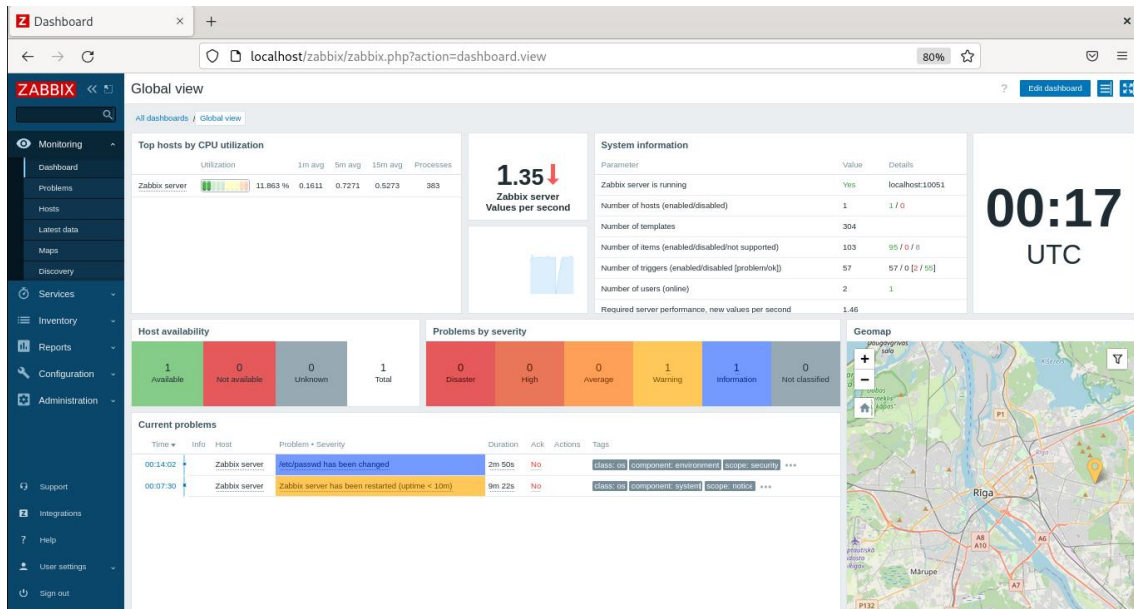
Password
•••••

☒ Remember me for 30 days

Sign in

[Help](#) • [Support](#)

Default page



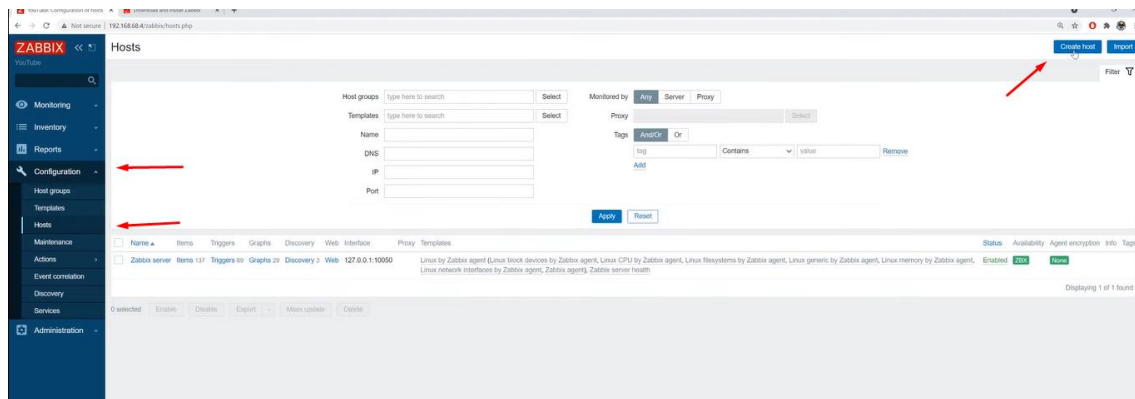
PostgreSQL Monitoring With ZABBIX

Step 1 –

Click in **configuration**

Click in **hosts**

Click in **create host**

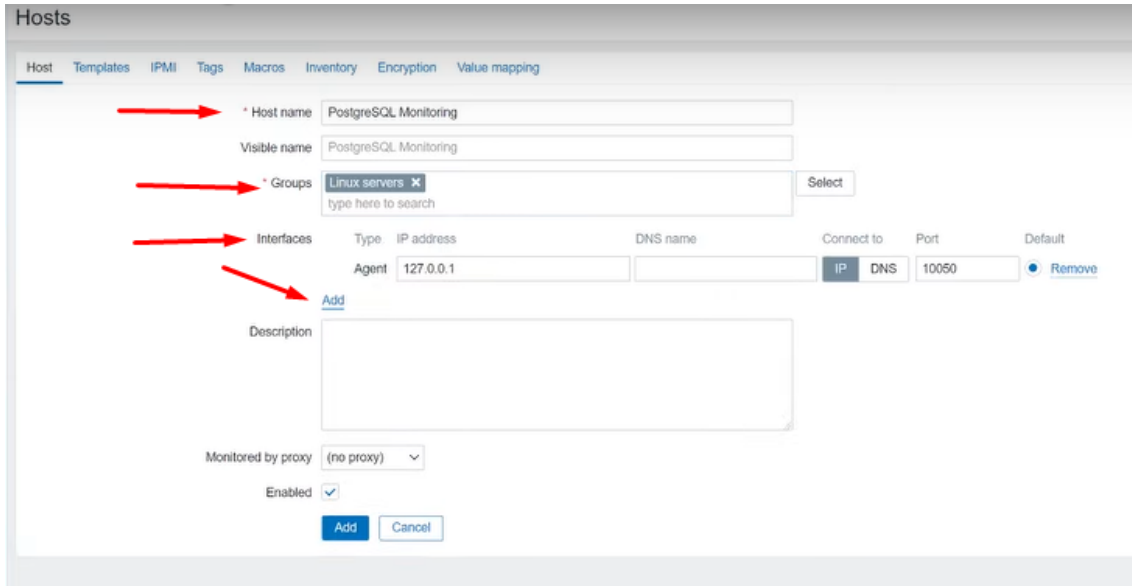


Step 2 –

In **host name** put: PostgreSQL Monitoring

Group: Linux servers

Interface: click in **add** and **agent**



The screenshot shows the Zabbix 'Hosts' configuration page. The 'Host' tab is selected. The form contains the following fields and controls:

- * Host name:** PostgreSQL Monitoring
- Visible name:** PostgreSQL Monitoring
- * Groups:** Linux servers (selected from a dropdown menu)
- Interfaces:** A table with columns: Type, IP address, DNS name, Connect to, Port, and Default. The first row shows 'Agent' as the type and '127.0.0.1' as the IP address. Below the table is an 'Add' button.
- Description:** A large text area.
- Monitored by proxy:** (no proxy) (dropdown menu)
- Enabled:** ☒
- Buttons:** 'Add' and 'Cancel' at the bottom.

Red arrows in the image point to the 'Host name', 'Groups', 'Interfaces' table, and the 'Add' button.

Step 3 –

In **Template** put: PostgreSQL by Zabbix agent

Click in Add/Update

Host

Host IPMI Tags Macros 1 Inventory Encryption Value mapping

* Host name PostgreSQLMonit

Visible name PostgreSQLMonit

Templates

Name	Action
PostgreSQL by Zabbix agent	Unlink Unlink and clear

type here to search Select

* Host groups Databases X Linux servers X

type here to search Select

Interfaces

Type	IP address	DNS name	Connect to	Port	Default
Agent	127.0.0.1		IP DNS	10050	<input checked="" type="radio"/> Remove

Add

Description

Monitored by proxy (no proxy)

Enabled ☒

Update Clone Full clone Delete Cancel

Zabbix

Step 4 –

Click in **macros**

In `{$PG.PASSWORD}` put: **zabbix**

Host

Host IPMI Tags **Macros 1** Inventory Encryption Value mapping

<code>{\$PG.DEADLOCKS.MAX.WARN}</code>	0	T	Change	PostgreSQL by Zabbix agent: "0"
description				
<code>{\$PG.FROZENXID_PCT_STOP.MIN.HIGH}</code>	75	T	Change	PostgreSQL by Zabbix agent: "75"
description				
<code>{\$PG.HOST}</code>	127.0.0.1	T	Change	PostgreSQL by Zabbix agent: "127.0.0.1"
description				
<code>{\$PG.LLD.FILTER.DBNAME}</code>	(.)	T	Change	PostgreSQL by Zabbix agent: "(.)"
description				
<code>{\$PG.LOCKS.MAX.WARN}</code>	100	T	Change	PostgreSQL by Zabbix agent: "100"
description				
<code>{\$PG.PASSWORD}</code>	zabbix	T	Remove	PostgreSQL by Zabbix agent: ""
Please set user's password in this macro.				
<code>{\$PG.PING_TIME.MAX.WARN}</code>	1s	T	Change	PostgreSQL by Zabbix agent: "1s"
description				
<code>{\$PG.PORT}</code>	5432	T	Change	PostgreSQL by Zabbix agent: "5432"
description				

Update Clone Full clone Delete Cancel

Click in add or update

Zabbix

Now your Zabbix are monitoring your PostgreSQL

The screenshot displays the Zabbix web interface for configuring hosts. The sidebar on the left contains navigation links: Monitoring, Problems, Hosts, Latest data, Maps, Discovery, Services, Inventory, Reports, Configuration, and Administration. The main content area is titled 'Hosts' and features a configuration form. The form includes fields for Name, Host groups (with a search box), IP, DNS, Port, Status (Active, Enabled, Disabled), Tags (with a search box and 'Add' button), and Severity (with checkboxes for not classified, Warning, High, Information, Average, and Disaster). There are also checkboxes for 'Show hosts in maintenance' and 'Show suppressed problems'. Below the form is a table listing hosts. The table has columns: Name, Interface, Availability, Tags, Status, Latest data, Problems, Graphs, Dashboards, and Web. The table shows two hosts: PostgreSQL and Zabbix server. The PostgreSQL host has an availability of 200 and tags 'class: database' and 'target: postgresql'. The Zabbix server host has an availability of 200 and tags 'class: os', 'class: software', and 'target: linux'. The table also shows the latest data, problems, graphs, and dashboards for each host.

Name	Interface	Availability	Tags	Status	Latest data	Problems	Graphs	Dashboards	Web
PostgreSQL	127.0.0.1:10050	200	class: database target: postgresql	Enabled	Latest data 250	Problems	Graphs 64	Dashboards 2	Web
Zabbix server	127.0.0.1:10050	200	class: os class: software target: linux	Enabled	Latest data 351	Problems	Graphs 32	Dashboards 4	Web

Displaying 2 of 2 found

DATASHEET

Elaboration

Pedro Akira Danno Lima

Collaboration

Guilherme Augusto di Stefano

Version Revision

Guilherme Augusto di Stefano

Version 1.0

July / 2022