



Webinar

# Install Zabbix 8.0 in 5 minutes

all your microphones are muted

ask your questions in Q&A, not in the Chat

use Chat for discussion, networking or applause

1

Installation options



Install Zabbix 8.0 in 5 minutes

# Zabbix installation and configuration

## Zabbix Packages

Download and install Zabbix for free

Free trial

## Zabbix Cloud

Available with a 5-day free trial

## Third-Party cloud vendors

Run Zabbix on third-party cloud platforms

## Zabbix Containers

Deploy Zabbix components from official Zabbix containers

## Zabbix Appliance

Run Zabbix from a pre-configured Zabbix virtual appliance

## Zabbix Sources

Download the Zabbix source code

## Zabbix Agents

Download Zabbix agent for Unix-like and Windows environments

► <https://www.zabbix.com/download>

Install Zabbix 8.0 in 5 minutes


# Zabbix installation and configuration

ZABBIX VERSION	OS DISTRIBUTION	OS VERSION	ZABBIX COMPONENT	DATABASE	WEB SERVER
7.4	Alma Linux	10 (amd64, arm64)	Server, Frontend, Agent	MySQL	Apache
7.0 LTS	Amazon Linux	9 (amd64, arm64)		PostgreSQL	Nginx
6.0 LTS	CentOS	8 (amd64, arm64)	Server, Frontend, Agent 2		
8.0 PRE-RELEASE	Debian		Proxy		
	OpenSUSE Leap		Agent		
	Oracle Linux		Agent 2		
	Raspberry Pi OS		Java Gateway		
	Red Hat Enterprise Linux		Web Service		
	Rocky Linux				
	SUSE Linux Enterprise Server				
	Ubuntu				

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# Zabbix Cloud

<b>Zabbix Packages</b>  Download and install Zabbix for free	<b>Zabbix Cloud</b>  Available with a 5-day free trial	<b>Third-Party cloud vendors</b>  Run Zabbix on third-party cloud platforms	<b>Zabbix Containers</b>  Deploy Zabbix components from official Zabbix containers	<b>Zabbix Appliance</b>  Run Zabbix from a pre-configured Zabbix virtual appliance	<b>Zabbix Sources</b>  Download the Zabbix source code	<b>Zabbix Agents</b>  Download Zabbix agent for Unix-like and Windows environments
--	--	---	--	--	--	--




## Explore Zabbix Cloud with a 5-day free trial

Scale as you go with Zabbix Cloud!


Deploy your own Zabbix environment with just a few clicks and set up distributed monitoring in regions all around the globe.

[Try Zabbix Cloud](#)




### 5 regions

Choose the data center that's closest to your organization




### 7 tiers

Pick the tier that fits your budget and monitoring requirements



### Peak performance

Every Zabbix Cloud instance is tuned to ensure the best possible performance

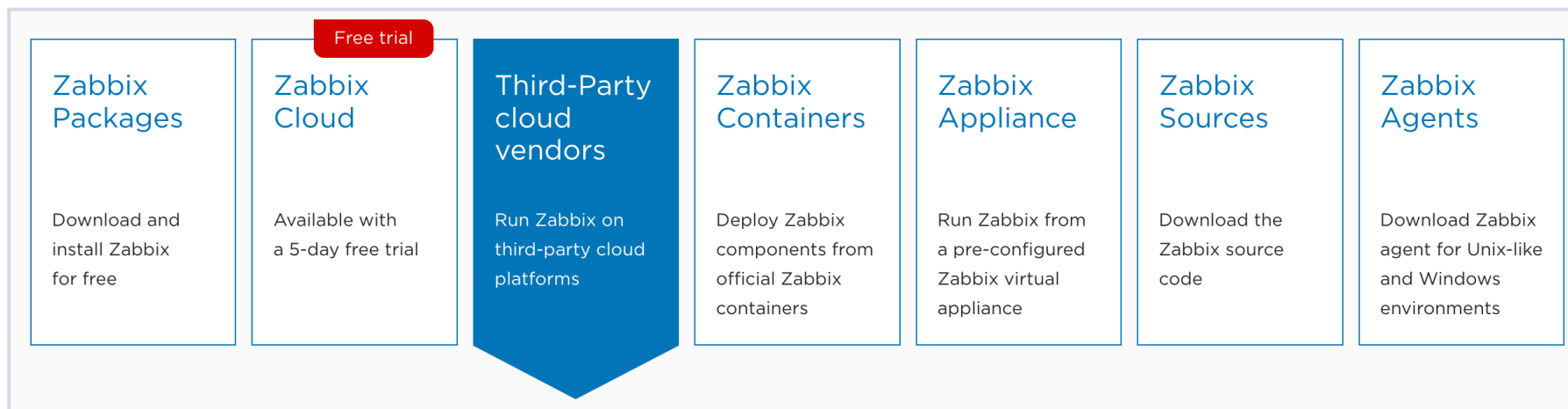







### Automatic updates

Get a hassle-free upgrade to the latest Zabbix version

Install Zabbix 8.0 in 5 minutes

# Zabbix cloud images



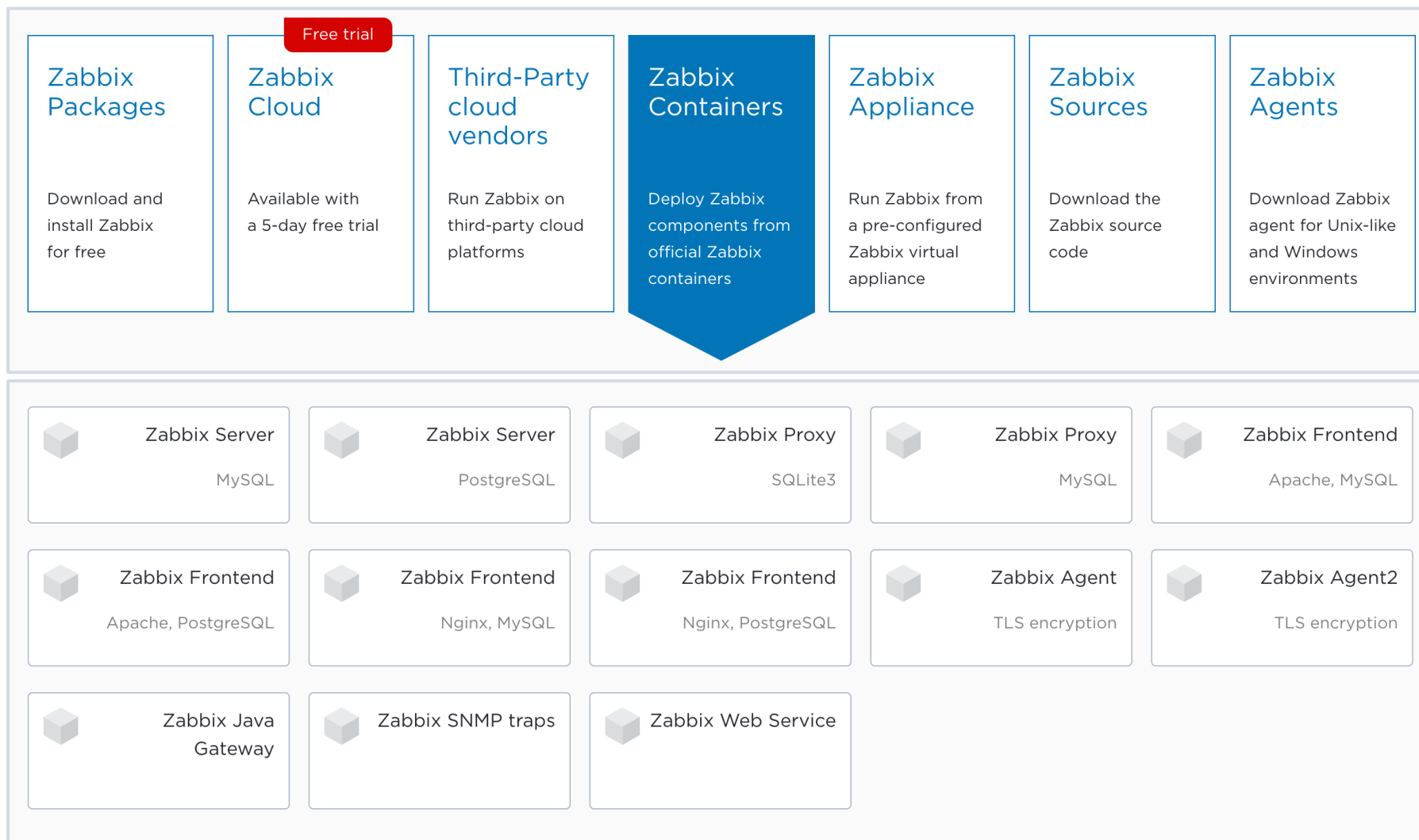
CLOUD VENDOR	ZABBIX VERSION	COMPONENT	DATABASE	WEB SERVER
 AWS	-	Zabbix Server	MySQL	Nginx
 Azure				
 DigitalOcean				
 Google Cloud Platform				
 Red Hat OpenShift				

[Proceed to install Zabbix](#)

<https://aws.amazon.com/marketplace/pp/prodview-jf4elxhe5llj4>

Install Zabbix 8.0 in 5 minutes

# Zabbix from containers



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# Ready-made solution

Zabbix Packages

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Free trial

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Version	Release	Date	Platform	Release Notes	Zabbix Manual	Verify	Download
Zabbix 7.4	7.4.0	Jul 01, 2025	Installation CD/DVD (.iso)	<a href="#">📄</a>	<a href="#">📄</a>	SHA1 SHA256	<a href="#">Download</a>
Zabbix 7.4	7.4.0	Jul 01, 2025	KVM, QEMU (.qcow2)	<a href="#">📄</a>	<a href="#">📄</a>	SHA1 SHA256	<a href="#">Download</a>
Zabbix 7.4	7.4.0	Jul 01, 2025	Microsoft Hyper-V (.vhd)	<a href="#">📄</a>	<a href="#">📄</a>	SHA1 SHA256	<a href="#">Download</a>
Zabbix 7.4	7.4.0	Jul 01, 2025	Microsoft Hyper-V (.vhdx)	<a href="#">📄</a>	<a href="#">📄</a>	SHA1 SHA256	<a href="#">Download</a>
Zabbix 7.4	7.4.0	Jul 01, 2025	Open virtualization format (.ovf)	<a href="#">📄</a>	<a href="#">📄</a>	SHA1 SHA256	<a href="#">Download</a>
Zabbix 7.4	7.4.0	Jul 01, 2025	RAW Image (.raw)	<a href="#">📄</a>	<a href="#">📄</a>	SHA1 SHA256	<a href="#">Download</a>
Zabbix 7.4	7.4.0	Jul 01, 2025	VMWare (.vmx)	<a href="#">📄</a>	<a href="#">📄</a>	SHA1 SHA256	<a href="#">Download</a>

Install Zabbix 8.0 in 5 minutes

# Zabbix installation from sources

**Zabbix Packages**

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**Zabbix Appliance**



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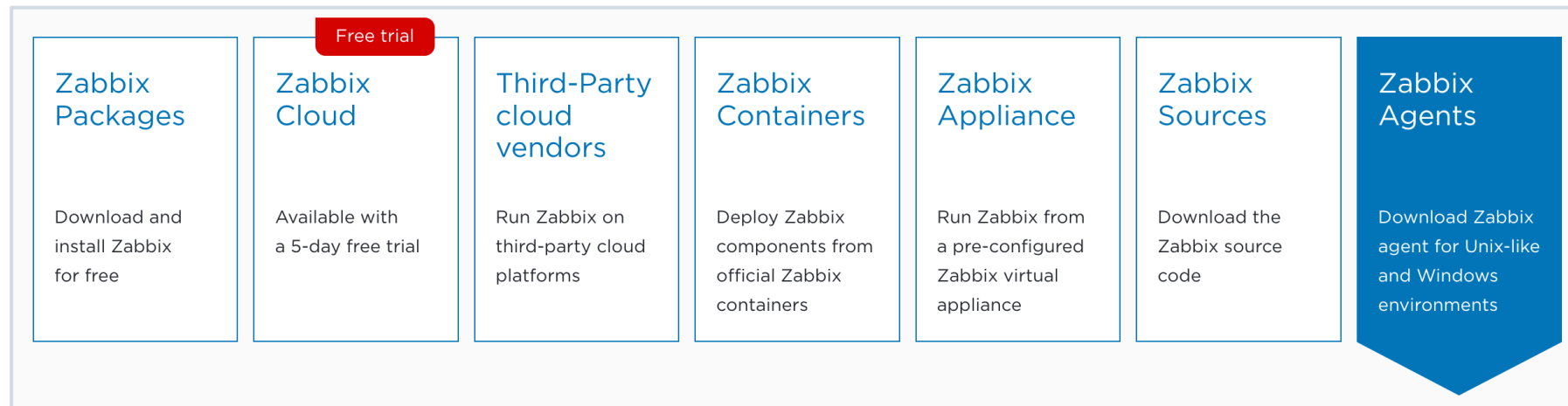
**Zabbix Agents**

Download Zabbix agent for Unix-like and Windows environments

Zabbix 7.4		Zabbix 7.2	Zabbix 7.0 LTS	Zabbix 6.0 LTS	Pre-Release	Unsupported Versions
Version	Release	Date	Release Notes	Zabbix Manual	Verify	Download
Zabbix 7.4 <small>Server, Proxy, Agent, GUI</small>	7.4.9	Apr 08, 2026			SHA1 SHA256	<a href="#" style="background-color: #00A651; color: white; padding: 5px;">Download</a>

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# Zabbix agent



▶ <https://www.zabbix.com/download>

▶ Preferred way is using the **Zabbix repository** (except for Windows machines)

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# Zabbix agent

Show legacy downloads



OS DISTRIBUTION	OS VERSION	HARDWARE	ZABBIX VERSION	ENCRYPTION	PACKAGING
Windows	11, 10	amd64	7.4	OpenSSL	MSI
Linux	Server 2016 +	i386	7.0 LTS	No encryption	Archive
macOS	Server 2003 +		6.0 LTS		
AIX	XP (64bit) +				
FreeBSD					
OpenBSD					
Solaris					

Zabbix Release:  ▼

# Docker

**ZABBIX** Docs  7.4(current) English System

- User manual
- 1 Introduction
- 2 Definitions
- 3 Zabbix processes
- 4 Installation
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  - 2 Requirements
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## 5 Installation from containers

### Overview

This section describes how to deploy Zabbix with [Docker](#) or [Docker Compose](#).

Zabbix officially provides:

- Separate Docker images for each Zabbix component to run as portable and self-sufficient containers.
- Compose files for defining and running multi-container Zabbix components in Docker.

**💡** Since Zabbix 6.0, deterministic triggers need to be created during the installation. If binary logging is enabled for MySQL/MariaDB, this requires superuser privileges or setting the variable/configuration parameter `log_bin_trust_function_creators = 1`. See [Database creation scripts](#) for instructions how to set the variable. Note that if executing from a console, the variable will only be set temporarily and will be dropped when a Docker is restarted. In this case, keep your SQL service running, only stop zabbix-server service by running 'docker compose down zabbix-server' and then 'docker compose up -d zabbix-server'. Alternatively, you can set this variable in the configuration file.

### Source files

Docker file sources are stored in the Zabbix [official repository](#) on GitHub, where you can follow latest file changes or fork the project to make your own images.

### Docker

Zabbix provides images based on a variety of OS base images. To get the list of supported base operating system images for a specific Zabbix component, see the component's description in [Docker Hub](#). All Zabbix images are configured to rebuild latest images if base images are updated.

### Installation

To get Zabbix component image, run:

### On this page

- 5 Installation from containers
  - Overview
  - Source files
  - Docker
    - Installation
    - Tags
    - Initial configuration
      - Environment variables
      - Volumes
      - Examples
    - Docker Compose
      - Storage
      - Environment variables
      - Examples

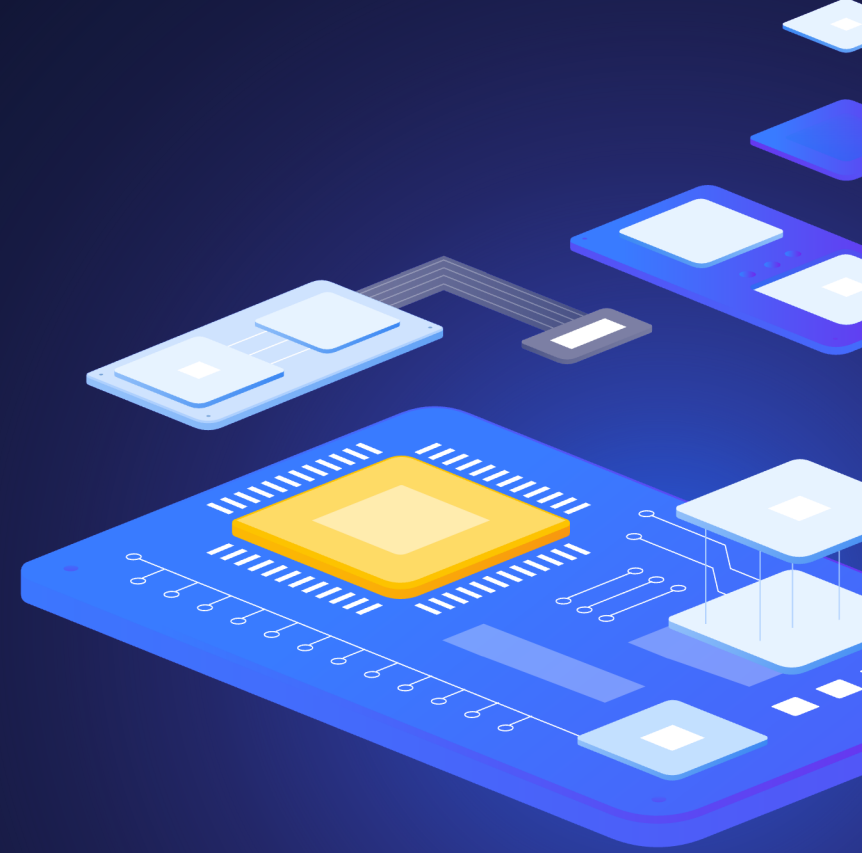
Install Zabbix 8.0 in 5 minutes

# Download and install Zabbix

- ▶ Choose your platform for Zabbix server
- ▶ Install and configure Zabbix server
  - ▶ Install Repository with PostgreSQL database
  - ▶ Install Zabbix server, frontend, web service, agent
  - ▶ Create initial database
  - ▶ Configure the database for Zabbix server
  - ▶ Start Web, Zabbix server and agent processes
- ▶ Configure Zabbix frontend
  - ▶ Connect to your newly installed Zabbix frontend: [http://server\\_ip\\_or\\_name/zabbix](http://server_ip_or_name/zabbix)
  - ▶ Follow steps described in Zabbix documentation: Installing frontend
- ▶ Start using Zabbix
  - ▶ See Quickstart guide in Zabbix manual

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Installation process



## Install Zabbix 8.0 in 5 minutes

- › `setenforce 0`
- › `dnf install -y https://download.postgresql.org/pub/repos/yum/reporepms/EL-9-x86\_64/pgdg-redhat-repo-latest.noarch.rpm`
- › `dnf -qy module disable postgresql`
- › `dnf install -y postgresql18-server`
- › `/usr/pgsql-18/bin/postgresql-18-setup initdb`
- › `systemctl enable postgresql-18`
- › `nano /etc/yum.repos.d/epel.repo`
  - › `excludepkgs=zabbix*`
- › `dnf install -y https://rpms.remirepo.net/enterprise/remi-release-9.rpm`
- › `dnf module reset -y php`
- › `dnf module enable -y php:remi-8.3`
- › `dnf install -y php php-fpm php-cli php-mysqlnd php-gd php-xml php-bcmath php-mbstring php-json`
- › `rpm -Uvh https://repo.zabbix.com/zabbix/8.0/release/alma/9/noarch/zabbix-release-latest-8.0.el9.noarch.rpm`
- › `dnf clean all`
- › `dnf install -y zabbix-server-pgsql zabbix-web-pgsql zabbix-nginx-conf zabbix-sql-scripts zabbix-agent2 zabbix-web-service`
- › `cd /tmp`
- › `sudo -u postgres createuser --pwprompt zabbix`
- › `sudo -u postgres createdb -O zabbix zabbix`
- › `zcat /usr/share/zabbix/sql-scripts/postgresql/server.sql.gz | sudo -u zabbix psql zabbix`

## Install Zabbix 8.0 in 5 minutes

- › `firewall-cmd --permanent --add-port=10051/tcp`
- › `firewall-cmd --permanent --add-port=80/tcp`
- › `firewall-cmd -reload`
  
- › `tee /etc/yum.repos.d/timescale_timescaledb.repo <<EOL`
- › `[timescale_timescaledb]`
- › `name=timescale_timescaledb`
- › `baseurl=https://packagecloud.io/timescale/timescaledb/el/$(rpm -E %{rhel})/\$basearch`
- › `repo_gpgcheck=1`
- › `gpgcheck=0`
- › `enabled=1`
- › `gpgkey=https://packagecloud.io/timescale/timescaledb/gpgkey`
- › `sslverify=1`
- › `sslcacert=/etc/pki/tls/certs/ca-bundle.crt`
- › `metadata_expire=300`
- › `EOL`
  
- › `dnf install -y timescaledb-2-postgresql-18 timescaledb-2-loader-postgresql-18`
- › `timescaledb-tune --pg-config /usr/pgsql-18/bin --max-conns=100`
- › `systemctl restart postgresql-18.service`

## Install Zabbix 8.0 in 5 minutes

- › `echo "CREATE EXTENSION IF NOT EXISTS timescaledb CASCADE;" | sudo -u postgres psql zabbix`
- › `cat /usr/share/zabbix/sql-scripts/postgresql/timescaledb/schema.sql | sudo -u zabbix psql zabbix`
  
- › `nano /etc/zabbix/zabbix_server.conf`
- › ...
- › `DBPassword=password`
- › `StartReportWriters=1`
- › `WebServiceURL=http://localhost:10053/report`
- › `AllowUnsupportedDBVersions=1`
- › ...
  
- › `dnf install -y glibc-langpack-cs.x86_64 glibc-langpack-sk.x86_64`
- › `systemctl enable zabbix-server zabbix-web-service zabbix-agent2 nginx php-fpm`
- › `systemctl restart zabbix-server zabbix-web-service zabbix-agent2 nginx php-fpm`
- › `tail -fn 100 /var/log/zabbix/zabbix_server.log`

### Frontend settings

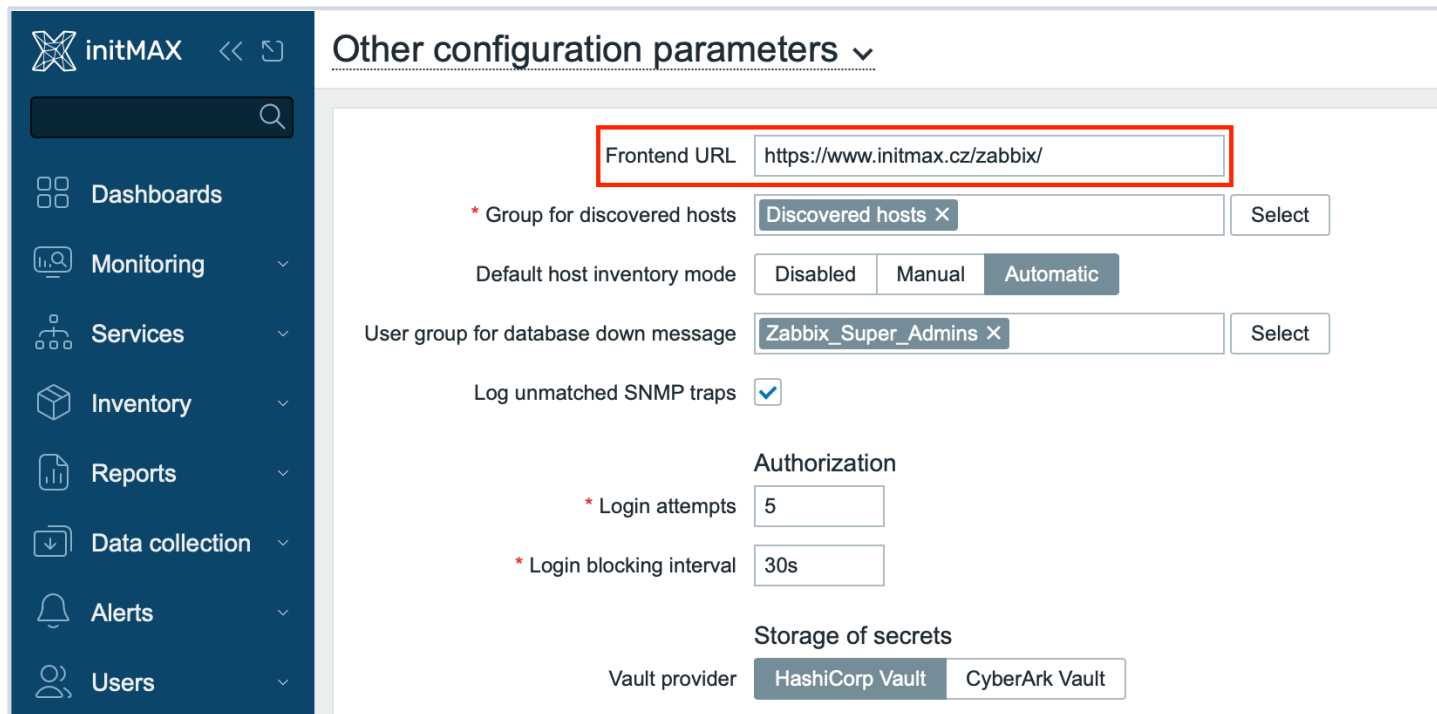
- › Web browser: "`http://<ip_address>/`"

# Install Zabbix 8.0 in 5 minutes

## Web service

```
wget https://dl.google.com/linux/direct/google-chrome-stable_current_x86_64.rpm
dnf localinstall google-chrome-stable_current_x86_64.rpm
```

- ▶ Fill your: Frontend URL in Administration > General > Other



initMAX << >>

### Other configuration parameters ▾

Frontend URL

\* Group for discovered hosts

Default host inventory mode

User group for database down message

Log unmatched SNMP traps

#### Authorization

\* Login attempts

\* Login blocking interval

#### Storage of secrets

Vault provider

Install Zabbix 8.0 in 5 minutes

# Tips and tricks

Check our wiki and social networks regularly for tips and updates


Tips and tricks on our webpage:

- › <https://www.initmax.com/wiki/zabbix-8-0-Its-instructions-for-installation-in-5-minutes/>
- › <https://www.initmax.com/wiki/frontend-scripts-and-sudo-in-zabbix/>
- › <https://www.initmax.com/wiki/zabbix-java-gateway-installation-with-tomcat-monitoring/>
- › <https://www.initmax.com/wiki/zabbix-7-0-instructions-for-installation-in-5-minutes/>
- › <https://www.initmax.com/wiki/zabbix-7-0-and-increasing-system-limits/>
- › <https://www.initmax.com/wiki/zabbix-migration-from-mysql-to-postgresql/>
- <https://www.initmax.com/wiki/how-to-set-up-snmp-trap-in-zabbix/>
- <https://www.initmax.com/wiki/microsoft-teams-integration-in-five-steps/>
- <https://www.initmax.com/wiki/reporting-in-zabbix-7-0/>

Install Zabbix 8.0 in 5 minutes

# initMAX E-Shop

- › Custom visualization widgets
- › UX Improvement Modules
- › AI Integration with Zabbix
- › Both **FREE** and **PRO** Versions
  
- › **initMAX e-shop**  
<https://www.initmax.com/eshop/>

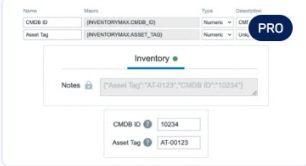


**Custom menu buttons**

ZABBIX Module

This module enables creation of custom navigation menu buttons and groups with user-defined URL links, allowing for personalized interface navigation.

→

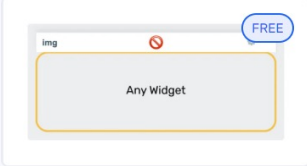


**inventoryMAX**

ZABBIX Module

inventoryMAX adds custom fields to Zabbix inventory for flexible, structured metadata management and seamless macro-based integration.

→

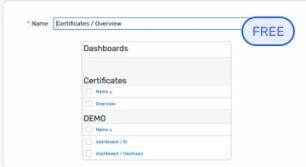


**Hide widget header**

ZABBIX Module

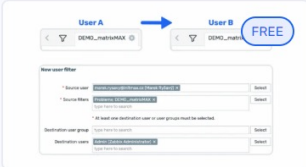
This module prevents widget headers from being displayed when dashboards are not in edit mode, improving visual clarity and user experience.

→



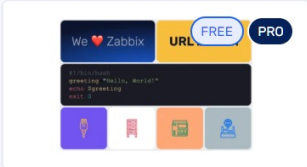
**Structured dashboards**

ZABBIX Module



**User filter manager**

ZABBIX Module



**headerMAX**

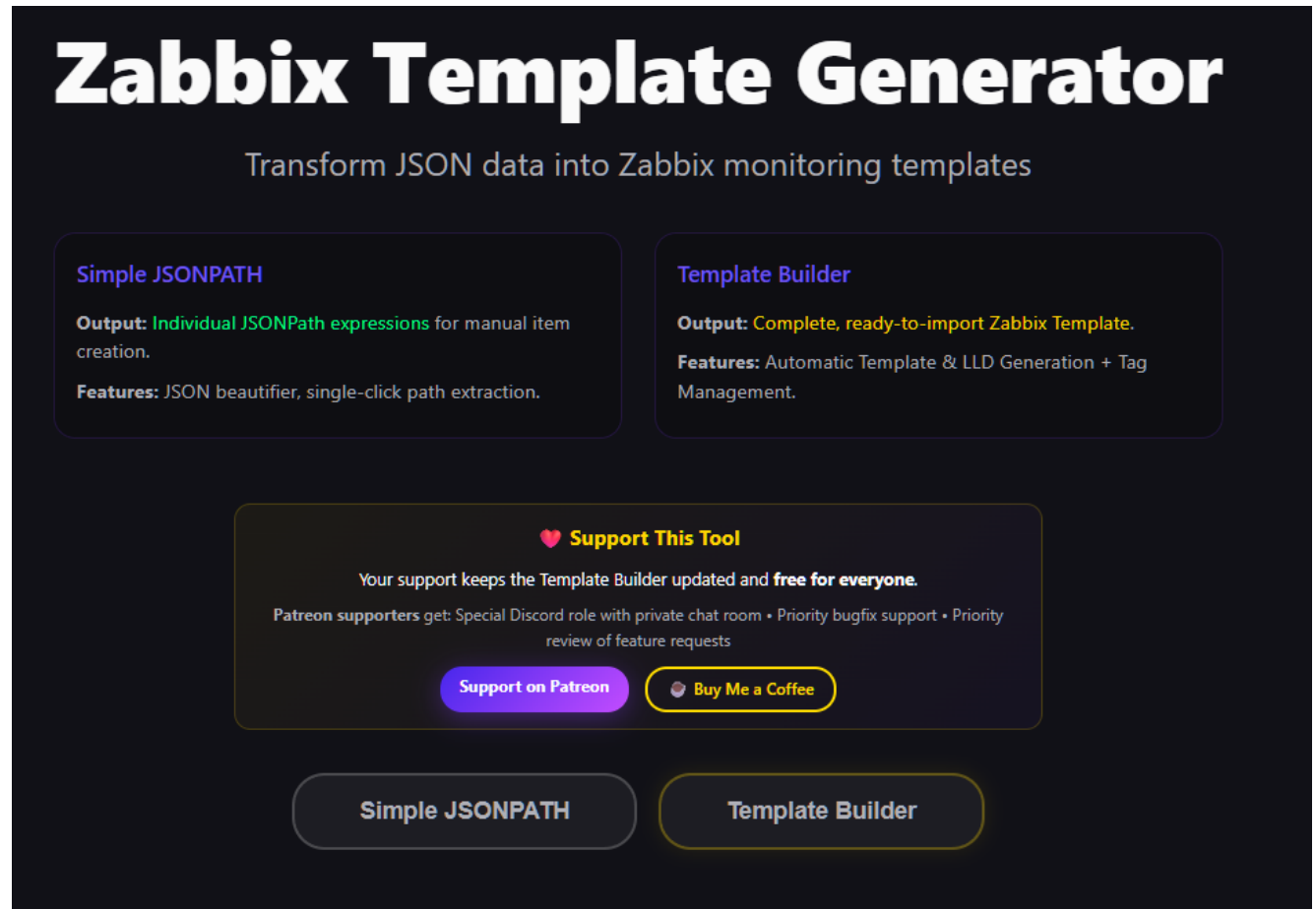
ZABBIX Widget

- › Video explanation of widgets and modules  
[https://www.youtube.com/watch?v=fpW6TR7DQdU&list=PLF7Hh\\_ikyQDpHiHhXwLtw570CDF9jn7zL](https://www.youtube.com/watch?v=fpW6TR7DQdU&list=PLF7Hh_ikyQDpHiHhXwLtw570CDF9jn7zL)

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# Free Zabbix template builder

- › FREE template builder from JSON
  - › Tag support
  - › Low-Level Discovery support
  - › Zabbix 7.0 / 7.2 / 7.4 support
  - › Extract simple JSONPath
  - › Download a ready-to-apply template
- › [www.dmitrylambert.com](http://www.dmitrylambert.com)



**Zabbix Template Generator**

Transform JSON data into Zabbix monitoring templates

**Simple JSONPATH**

**Output:** Individual JSONPath expressions for manual item creation.

**Features:** JSON beautifier, single-click path extraction.

**Template Builder**

**Output:** Complete, ready-to-import Zabbix Template.

**Features:** Automatic Template & LLD Generation + Tag Management.

♥ **Support This Tool**

Your support keeps the Template Builder updated and **free for everyone**.

Patreon supporters get: Special Discord role with private chat room • Priority bugfix support • Priority review of feature requests

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[Simple JSONPATH](#) [Template Builder](#)

5

Questions



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