



Webinar

# Install Zabbix 7.2 in 5 minutes

all our 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 7.2 in 5 minutes

# Zabbix installation and configuration

› <https://www.zabbix.com/download>

<p><b>Zabbix Packages</b></p> <p>Download and install Zabbix for free</p>	<p><b>Zabbix Cloud</b></p> <p>Available with a 5-day free trial</p>	<p><b>Third-Party cloud vendors</b></p> <p>Run Zabbix on third-party cloud platforms</p>	<p><b>Zabbix Containers</b></p> <p>Deploy Zabbix components from official Zabbix containers</p>	<p><b>Zabbix Appliance</b></p> <p>Run Zabbix from a pre-configured Zabbix virtual appliance</p>	<p><b>Zabbix Sources</b></p> <p>Download the Zabbix source code</p>	<p><b>Zabbix Agents</b></p> <p>Download Zabbix agent for Unix-like and Windows environments</p>
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Install Zabbix 7.2 in 5 minutes

# Zabbix installation and configuration


ZABBIX VERSION	OS DISTRIBUTION	OS VERSION	ZABBIX COMPONENT	DATABASE <sup>?</sup>	WEB SERVER
7.2	Alma Linux	9 (amd64, arm64)	Server, Frontend, Agent	MySQL	Apache
7.0 LTS	Amazon Linux	8 (amd64, arm64)	Proxy	PostgreSQL	Nginx
6.4	CentOS		Agent		
6.0 LTS	Debian		Agent 2		
5.0 LTS	OpenSUSE Leap		Java Gateway		
	Oracle Linux		Web Service		
	Raspberry Pi OS				
	Red Hat Enterprise Linux				
	Rocky Linux				
	SUSE Linux Enterprise Server				
	Ubuntu				

[Release Notes 7.2](#)

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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
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## 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

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# Zabbix cloud images

**Zabbix Packages**  
Download and install Zabbix for free

**Zabbix Cloud** Free trial  
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

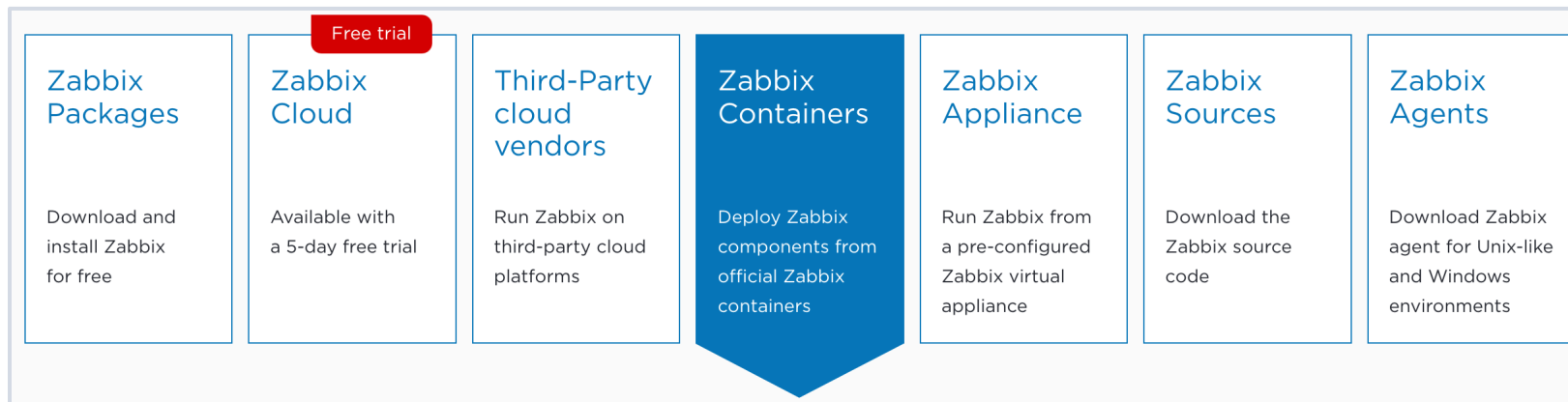
CLOUD VENDOR	ZABBIX VERSION	COMPONENT	DATABASE	WEB SERVER
 AWS	7.0	Zabbix Server	MySQL	Nginx
 Azure	6.4	Zabbix Proxy	PostgreSQL	
 DigitalOcean	6.0			
 Google Cloud Platform	5.0			
 Red Hat OpenShift				

[Proceed to install Zabbix](#) [https://aws.amazon.com/marketplace/pp/prodview-a7476q3mqnjew?sr=0-7&ref\\_=beagle&applicationId=AWSMPContessa](https://aws.amazon.com/marketplace/pp/prodview-a7476q3mqnjew?sr=0-7&ref_=beagle&applicationId=AWSMPContessa)



Install Zabbix 7.2 in 5 minutes

# Zabbix from containers



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# Ready-made solution

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

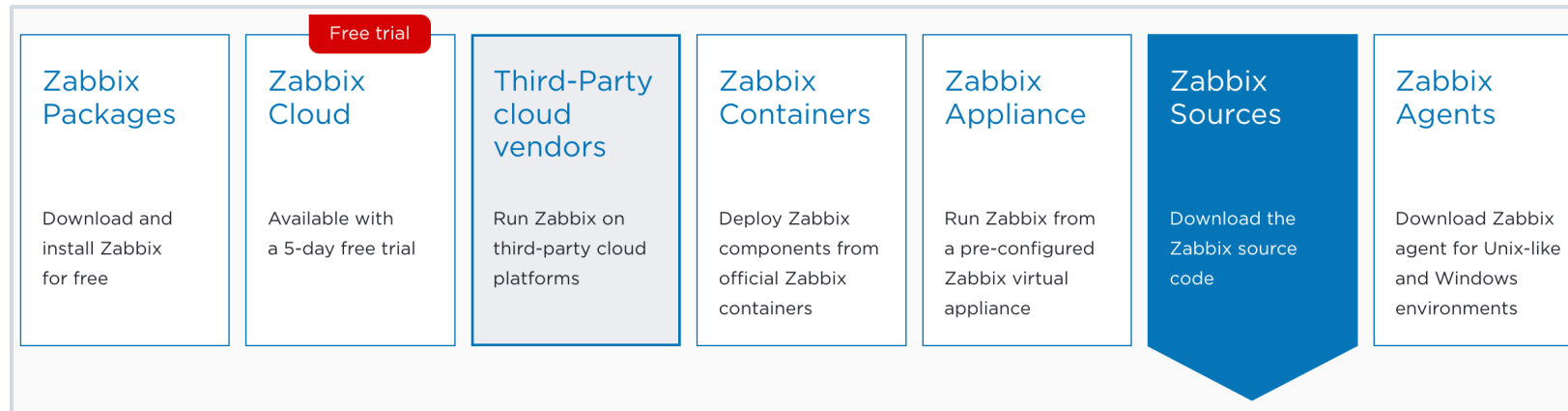
Download Zabbix agent for Unix-like and Windows environments



Zabbix 7.2	Zabbix 7.0 LTS	Zabbix 6.4	Zabbix 6.0 LTS	Zabbix 5.0 LTS	Pre-Release		
Version	Release	Date	Platform	Release Notes	Zabbix Manual	Verify	Download
Zabbix 7.2	7.2.0	Dec 10, 2024	Installation CD/DVD (.iso)	<a href="#">📄</a>	<a href="#">📄</a>	SHA1 SHA256	<a href="#">Download</a>
Zabbix 7.2	7.2.0	Dec 10, 2024	KVM, QEMU (.qcow2)	<a href="#">📄</a>	<a href="#">📄</a>	SHA1 SHA256	<a href="#">Download</a>
Zabbix 7.2	7.2.0	Dec 10, 2024	Microsoft Hyper-V 2008	<a href="#">📄</a>	<a href="#">📄</a>	SHA1 SHA256	<a href="#">Download</a>
Zabbix 7.2	7.2.0	Dec 10, 2024	Microsoft Hyper-V 2012	<a href="#">📄</a>	<a href="#">📄</a>	SHA1 SHA256	<a href="#">Download</a>
Zabbix 7.2	7.2.0	Dec 10, 2024	Open virtualization format (.ovf)	<a href="#">📄</a>	<a href="#">📄</a>	SHA1 SHA256	<a href="#">Download</a>
Zabbix 7.2	7.2.0	Dec 10, 2024	RAW Image (.raw)	<a href="#">📄</a>	<a href="#">📄</a>	SHA1 SHA256	<a href="#">Download</a>
Zabbix 7.2	7.2.0	Dec 10, 2024	VMWare (.vmx)	<a href="#">📄</a>	<a href="#">📄</a>	SHA1 SHA256	<a href="#">Download</a>



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# Zabbix installation from sources



Version	Release	Date	Release Notes	Zabbix Manual	Verify	Download
Zabbix 7.2 Server, Proxy, Agent, GUI	7.2.0	Dec 10, 2024			SHA1 SHA256	<a href="#">Download</a>

Install Zabbix 7.2 in 5 minutes


# Zabbix agent

► <https://www.zabbix.com/download> Preferred way is using the Zabbix repository (except for Windows machines)

<h3>Zabbix Packages</h3> <p>Download and install Zabbix for free</p>	<span>Free trial</span> <h3>Zabbix Cloud</h3> <p>Available with a 5-day free trial</p>	<h3>Third-Party cloud vendors</h3> <p>Run Zabbix on third-party cloud platforms</p>	<h3>Zabbix Containers</h3> <p>Deploy Zabbix components from official Zabbix containers</p>	<h3>Zabbix Appliance</h3> <p>Run Zabbix from a pre-configured Zabbix virtual appliance</p>	<h3>Zabbix Sources</h3> <p>Download the Zabbix source code</p>	<h3>Zabbix Agents</h3> <p>Download Zabbix agent for Unix-like and Windows environments</p>
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# Zabbix agent



OS DISTRIBUTION	OS VERSION	HARDWARE	ZABBIX VERSION	ENCRYPTION	PACKAGING
Windows	Any	amd64	7.2	OpenSSL	MSI
Linux		i386	7.0 LTS	No encryption	Archive
macOS			6.4		
AIX			6.2		
FreeBSD			6.0 LTS		
OpenBSD			5.4		
Solaris			5.2		
			5.0 LTS		
			4.4		
			4.2		
			4.0 LTS		
			3.0 LTS		

Zabbix Release:  ▼

# Docker

**ZABBIX** Documentation 7.2 (current) English

Search

Zabbix Manual

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## 5 Installation from containers

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### 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.

**Attention:** 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:

5 Installation from containers

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

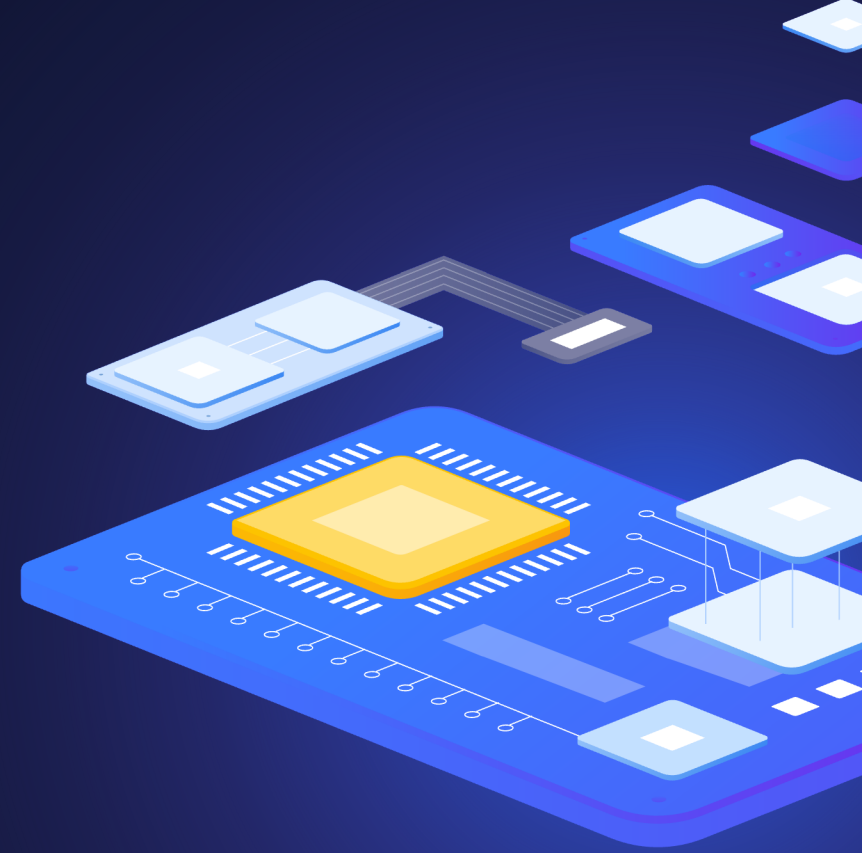
Install Zabbix 7.2 in 5 minutes

# 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 7.2 in 5 minutes

- › `setenforce 0`
- › `dnf install -y https://download.postgresql.org/pub/repos/yum/reporpms/EL-9-x86_64/pgdg-redhat-repo-latest.noarch.rpm`
- › `dnf -qy module disable postgresql`
- › `dnf install -y postgresql17-server`
- › `/usr/pgsql-17/bin/postgresql-17-setup initdb`
- › `systemctl enable postgresql-17 --now`
  
- › `rpm -Uvh https://repo.zabbix.com/zabbix/7.2/release/rocky/9/noarch/zabbix-release-latest-7.2.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 -0 zabbix zabbix`
  
- › `zcat /usr/share/zabbix/sql-scripts/postgresql/server.sql.gz | sudo -u zabbix psql zabbix`

## Install Zabbix 7.2 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-17 timescaledb-2-loader-postgresql-17`
- › `timescaledb-tune --pg-config /usr/pgsql-17/bin --max-conns=100`
- › `systemctl restart postgresql-17.service`



## Install Zabbix 7.2 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`
- › ...
- › `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

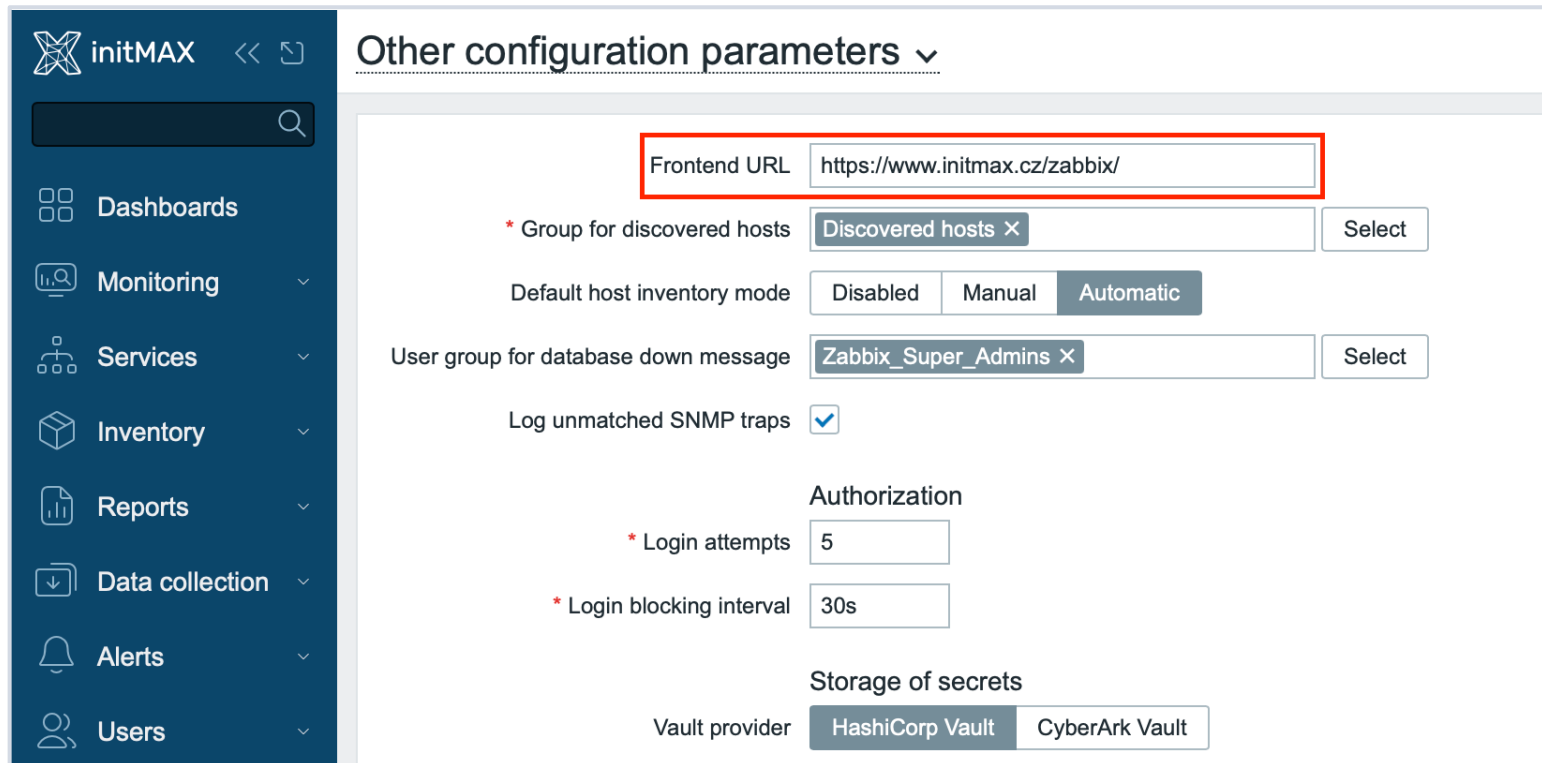
- › Web browser: `"http://<ip_address>/"`

## Install Zabbix 7.2 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

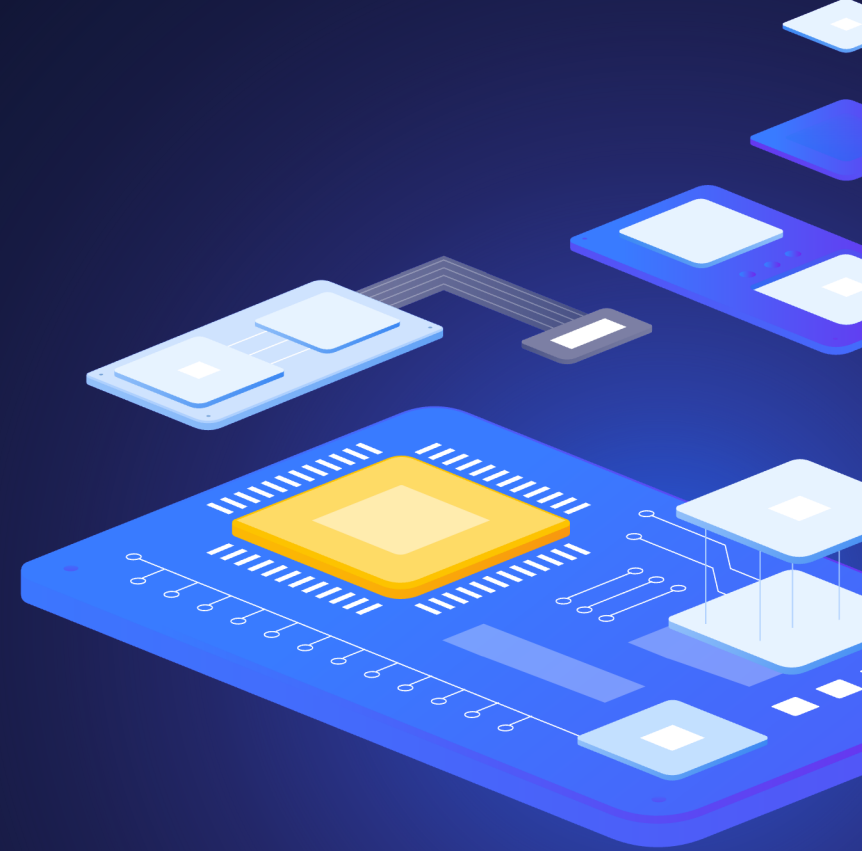
3

Demo



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Wiki



## Install Zabbix 7.2 in 5 minutes

# Wiki

### Instructions for installation Zabbix 7.2 in 5 minutes

- › All necessary steps can be found in a separate guide on our wiki.

<https://www.initmax.com/wiki/zabbix-7-2-instructions-for-installation-in-5-minutes/> EN

<https://www.initmax.cz/wiki/zabbix-7-2-navod-na-instalaci-v-5-minutach/> CZ

### Microsoft Teams Integration in Five Steps

- › All necessary steps can be found in a separate guide on our wiki.

<https://www.initmax.com/wiki/microsoft-teams-integration-in-five-steps/> EN

<https://www.initmax.cz/wiki/integrace-microsoft-teams-v-peti-krocich/> CZ

### Zabbix Rebranding

- › All necessary steps can be found in a separate guide on our wiki.

<https://www.initmax.com/wiki/zabbix-rebranding/> EN

<https://www.initmax.cz/wiki/rebranding-zabbixu/> CZ

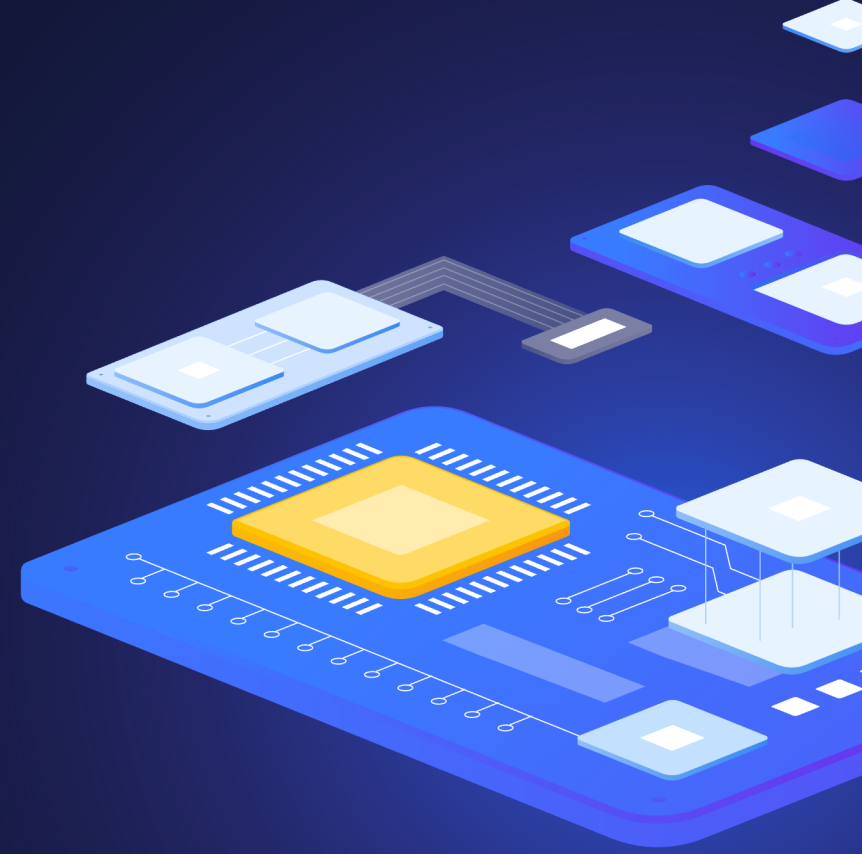
## Install Zabbix 7.2 in 5 minutes

# Helpful links and tips

- › initMAX wiki (Contact us if you are missing some topic)  
<https://www.initmax.com/wiki/> EN  
<https://www.initmax.cz/wiki/> CZ
- › PostgreSQL download page <https://www.postgresql.org/download/>
- › TimescaleDB download page <https://docs.timescale.com/self-hosted/latest/install/>
- › Zabbix minimal requirements <https://www.zabbix.com/documentation/current/en/manual/installation/requirements>
- › What is new in 7.2?  
<https://www.initmax.com/new-zabbix-7-2/> EN  
<https://www.initmax.cz/novy-zabbix-7-2/> CZ
- › Check minimal and maximal versions
- › Tune DB
- › Use latest versions
- › Use partitioning (recommendation is TimescaleDB)
- › Install updates every month, Zabbix makes new monthly release between 20th and 25th day of the month

5

Questions



Install Zabbix 7.2 in 5 minutes

## Contact us:

Phone:



+420 800 244 442

Web:



<https://www.initmax.cz>

Email:



[tomas.hermanek@initmax.cz](mailto:tomas.hermanek@initmax.cz)

LinkedIn:



<https://www.linkedin.com/company/initmax>

Twitter:



<https://twitter.com/initmax>

Tomáš Heřmánek:



+420 732 447 184