



Webinar

Install Zabbix 7.4 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 7.4 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 7.4 in 5 minutes

Zabbix installation and configuration

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

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Zabbix Cloud

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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

Install Zabbix 7.4 in 5 minutes

Zabbix cloud images

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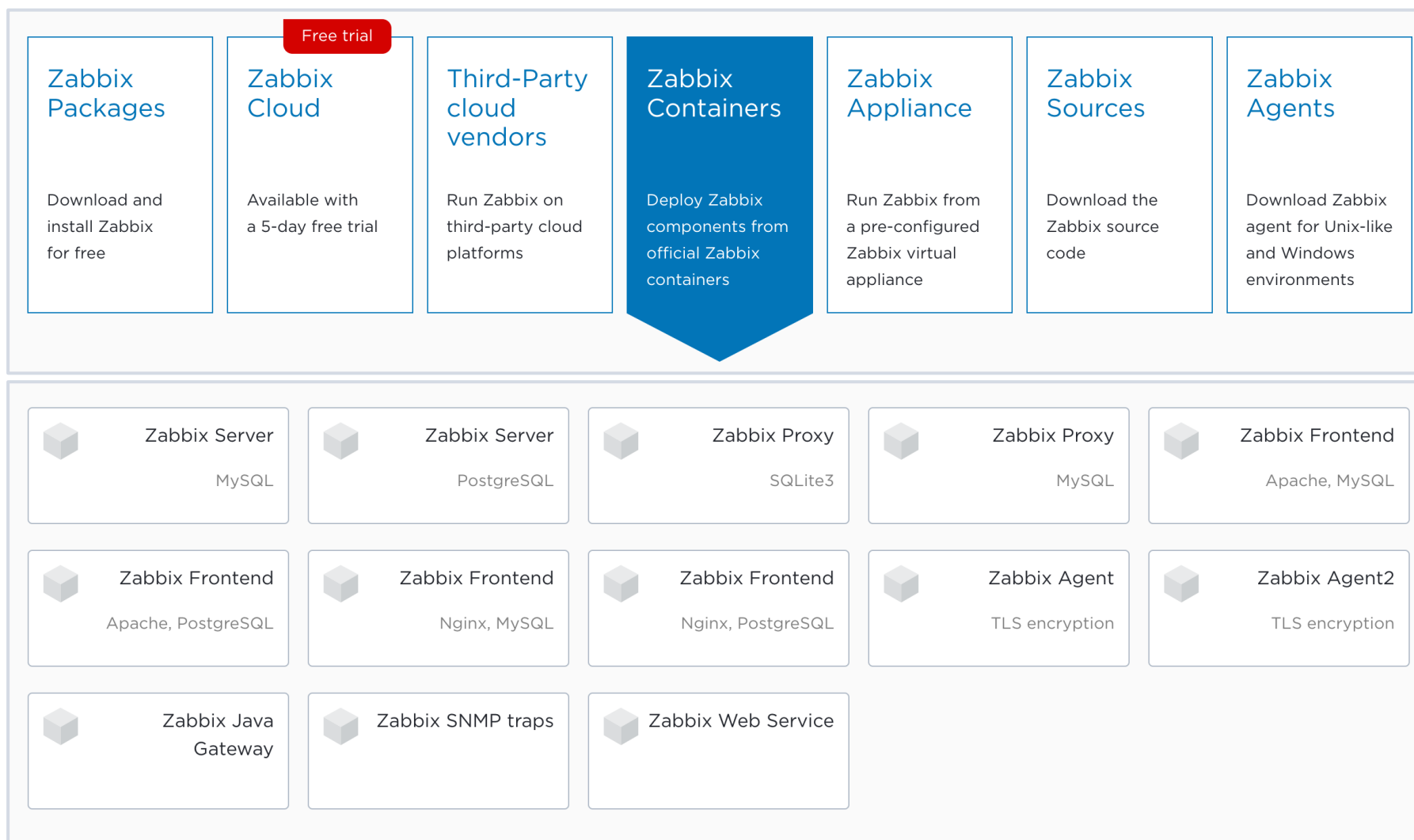
CLOUD VENDOR	ZABBIX VERSION	COMPONENT	DATABASE	WEB SERVER
 AWS	7.2	Zabbix Server	MySQL	Nginx
 Azure	7.0	Zabbix Proxy	PostgreSQL	
 DigitalOcean	6.4			
 Google Cloud Platform	6.0			
 Red Hat OpenShift				

Proceed to install Zabbix

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

Install Zabbix 7.4 in 5 minutes

Zabbix from containers



Install Zabbix 7.4 in 5 minutes

Ready-made solution

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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)			SHA1 SHA256	Download
Zabbix 7.4	7.4.0	Jul 01, 2025	KVM, QEMU (.qcow2)			SHA1 SHA256	Download
Zabbix 7.4	7.4.0	Jul 01, 2025	Microsoft Hyper-V (.vhd)			SHA1 SHA256	Download
Zabbix 7.4	7.4.0	Jul 01, 2025	Microsoft Hyper-V (.vhdx)			SHA1 SHA256	Download
Zabbix 7.4	7.4.0	Jul 01, 2025	Open virtualization format (.ovf)			SHA1 SHA256	Download
Zabbix 7.4	7.4.0	Jul 01, 2025	RAW Image (.raw)			SHA1 SHA256	Download
Zabbix 7.4	7.4.0	Jul 01, 2025	VMWare (.vmx)			SHA1 SHA256	Download

Install Zabbix 7.4 in 5 minutes

Zabbix installation from sources

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Zabbix 7.4

Zabbix 7.2

Zabbix 7.0 LTS

Zabbix 6.0 LTS

Unsupported Versions

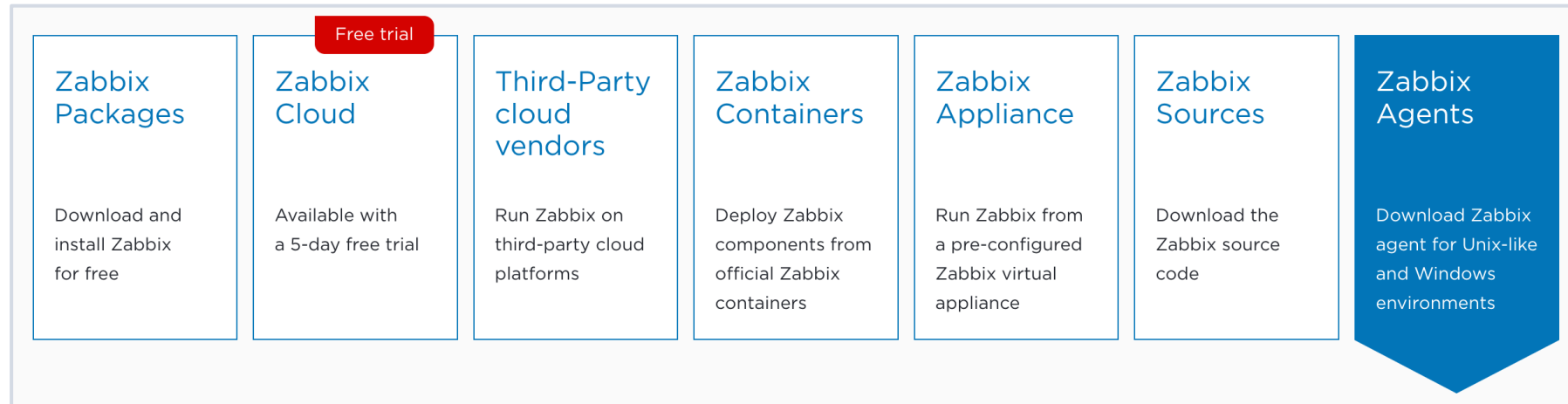
Version	Release	Date	Release Notes	Zabbix Manual	Verify	Download
Zabbix 7.4 Server, Proxy, Agent, GUI	7.4.0	Jul 01, 2025			SHA1 SHA256	Download

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

Zabbix 7.4	Zabbix 7.2	Zabbix 7.0 LTS	Zabbix 6.0 LTS	Unsupported Versions		
Version	Release	Date	Release Notes	Zabbix Manual	Verify	Download
Zabbix 7.4 Server, Proxy, Agent, GUI	7.4.0	Jul 01, 2025			SHA1 SHA256	Download

Install Zabbix 7.4 in 5 minutes

Zabbix agent



► <https://www.zabbix.com/download>

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

Install Zabbix 7.4 in 5 minutes

Zabbix agent



OS DISTRIBUTION	OS VERSION	HARDWARE	ZABBIX VERSION	ENCRYPTION	PACKAGING
Windows	Any	amd64	7.4	OpenSSL	MSI
Linux		i386	7.2	No encryption	Archive
macOS			7.0 LTS		
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: 7.4.0 

Install Zabbix 7.4 in 5 minutes

Docker

ZABBIX 20 YEARS

Documentation

7.4 (current)

English

⬇

☰ Zabbix Manual

☰ 1 Introduction

2 Definitions

☰ 3 Zabbix processes

☰ 4 Installation

1 Getting Zabbix

2 Requirements

☰ 3 Installation from sources

☰ 4 Installation from packages

5 Installation from containers

6 Web interface installation

☰ 7 Upgrade procedure

☰ 8 Known issues

9 Template changes

10 Upgrade notes for 7.4.0

11 Upgrade notes for 7.4.x

☰ 5 Quickstart

6 Zabbix appliance

☰ 7 Configuration

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.

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:

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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
 - ▶ Follow steps described in Zabbix documentation: Installing frontend
- ▶ Start using Zabbix
 - ▶ See Quickstart guide in Zabbix manual

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Installation process



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- › `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`
- › `nano /etc/yum.repos.d/epel.repo`
 - › `excludepkgs=zabbix*`
- › `rpm -Uvh https://repo.zabbix.com/zabbix/7.4/release/rocky/9/noarch/zabbix-release-latest-7.4.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`

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```
➤ 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 7.4 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

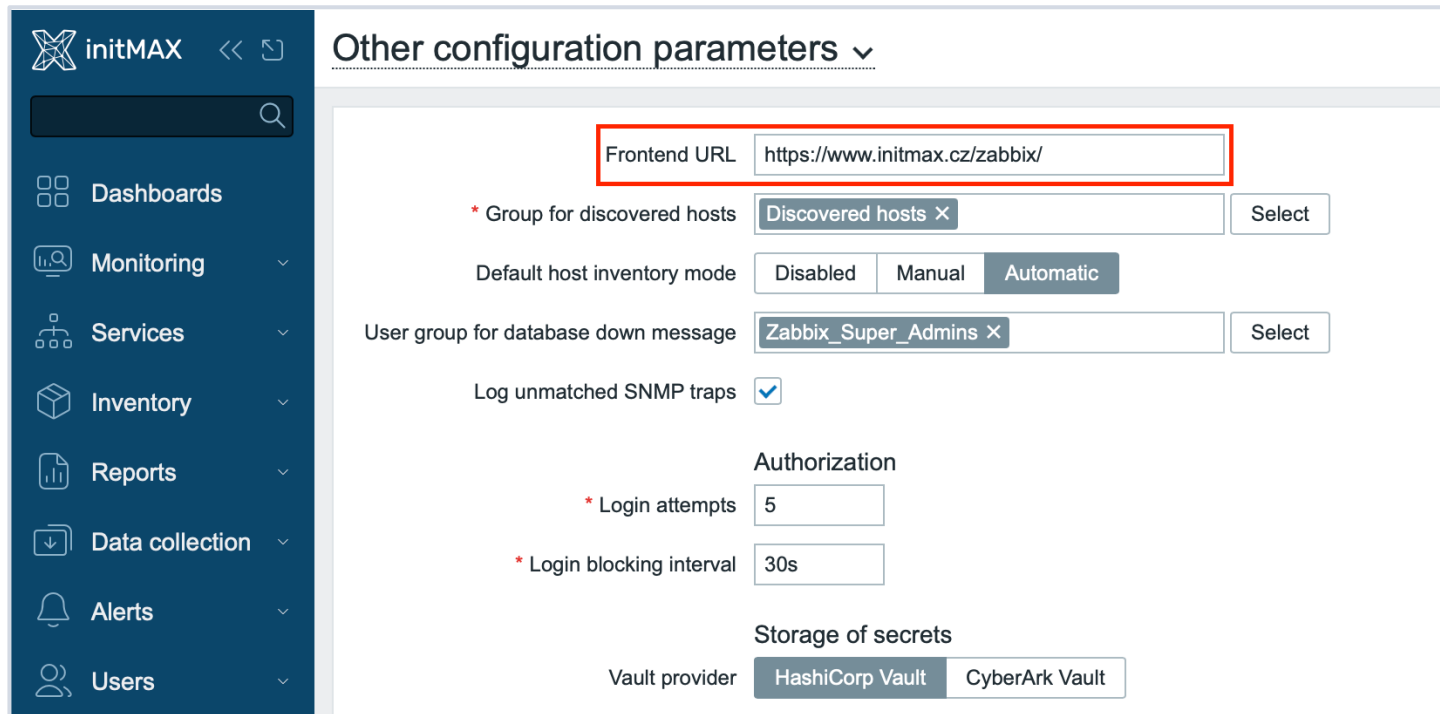
- › Web browser: `"http://<ip_address>/"`

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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

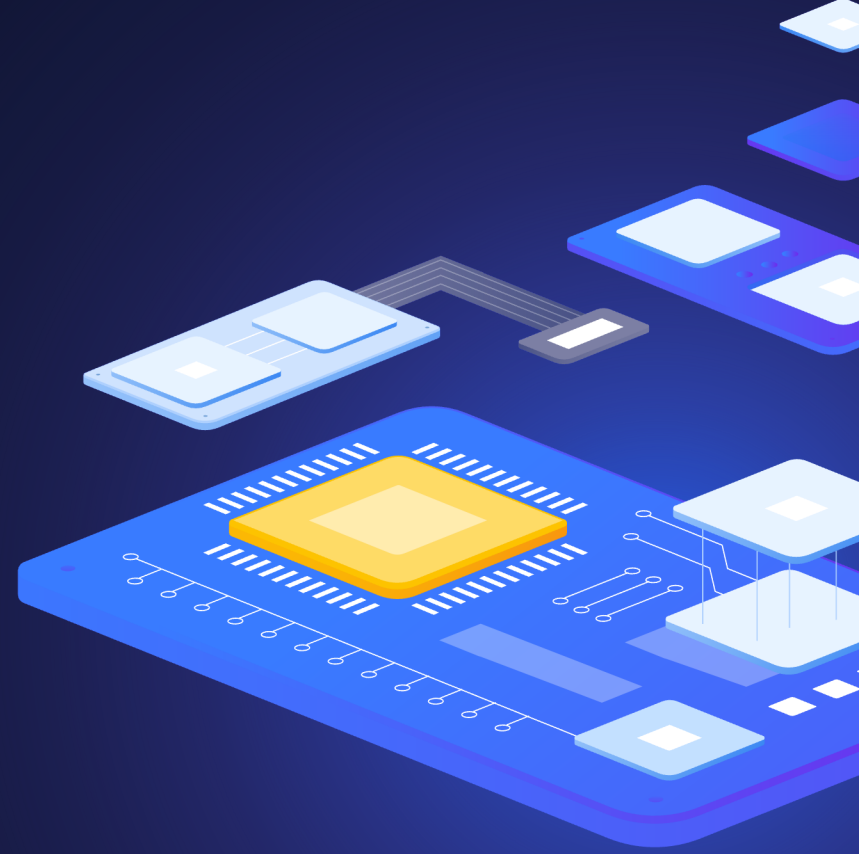
* Login blocking interval

Storage of secrets

Vault provider

3

Demo



4

Wiki



Install Zabbix 7.4 in 5 minutes

Wiki

Instructions for installation Zabbix 7.4 in 5 minutes

- › All necessary steps can be found in a separate guide on our wiki.
<https://www.initmax.com/wiki/zabbix-7-4-instructions-for-installation-in-5-minutes/> EN
<https://www.initmax.cz/wiki/zabbix-7-4-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

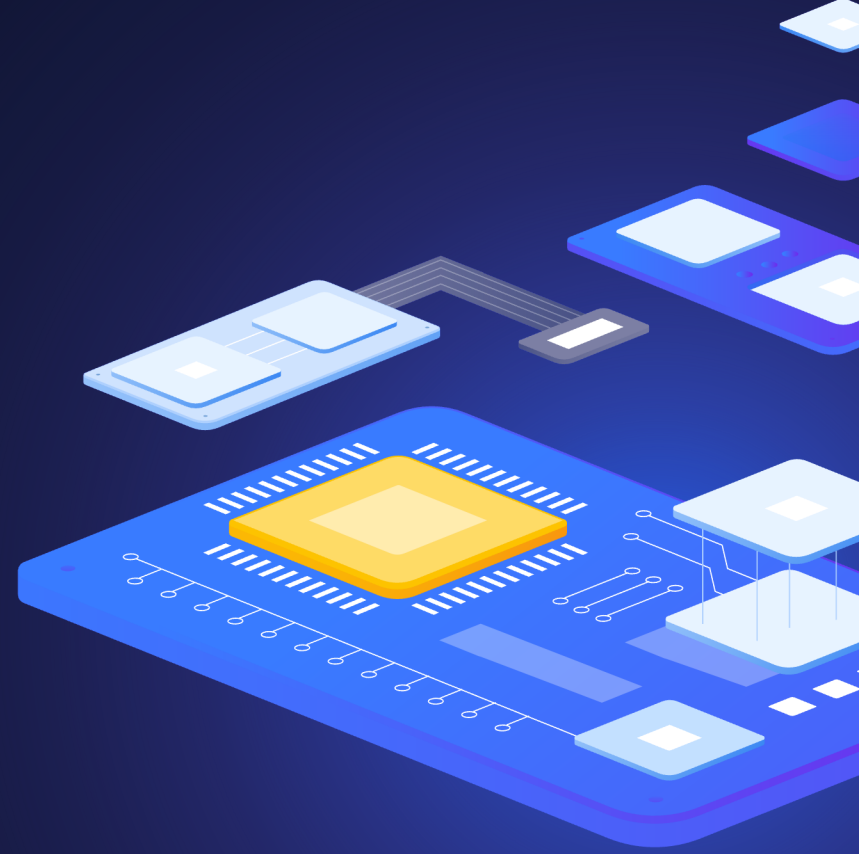
Install Zabbix 7.4 in 5 minutes

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 7.4?
<https://www.initmax.com/zabbix-7-4-is-here/> EN
<https://www.initmax.cz/novy-zabbix-7-4-je-zde/> 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



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