



Install zabbix in 5 minutes



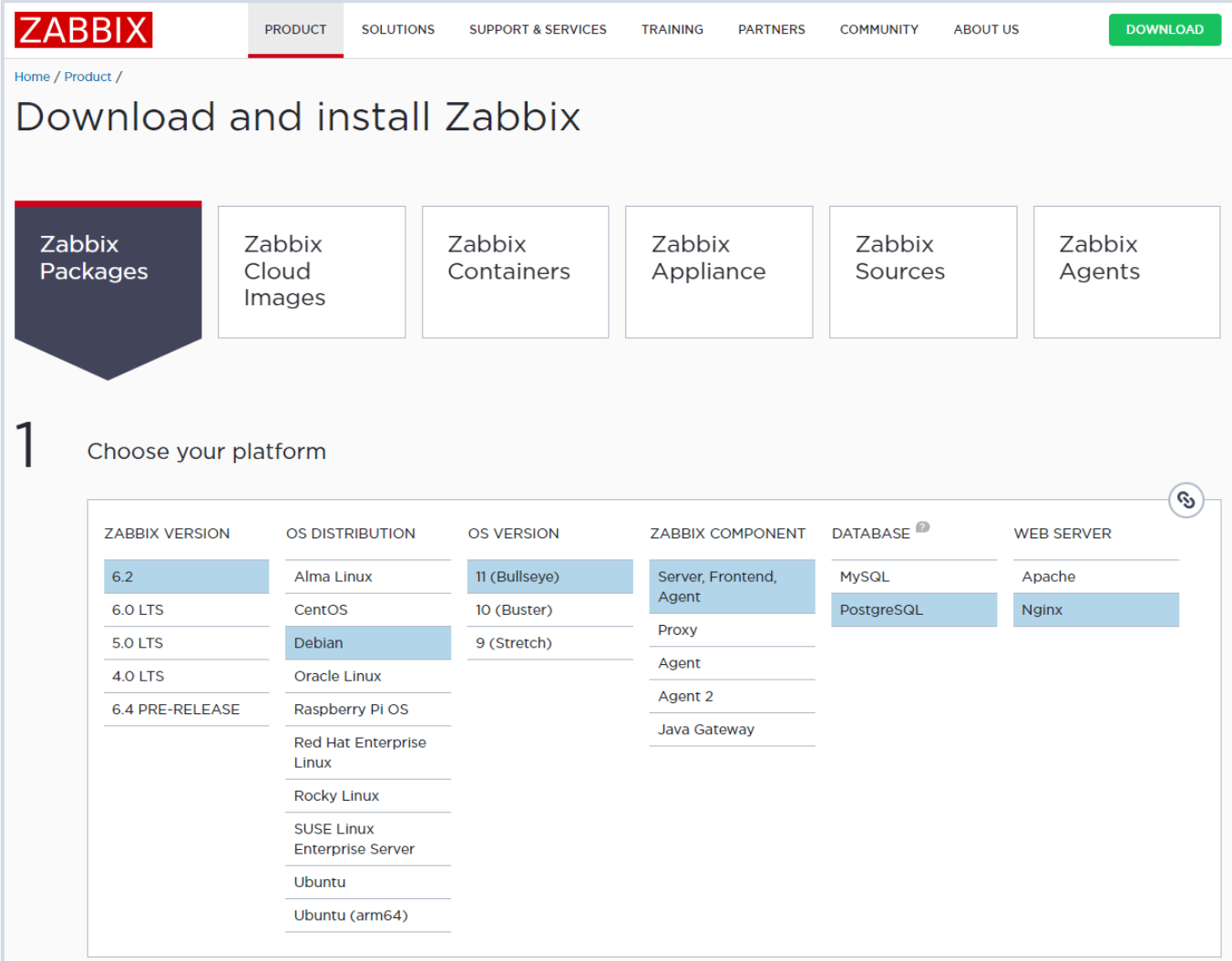
1

Install zabbix

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Zabbix installation and configuration

<https://www.zabbix.com/download>



The screenshot shows the Zabbix website's download page. At the top, there is a navigation bar with the ZABBIX logo, menu items (PRODUCT, SOLUTIONS, SUPPORT & SERVICES, TRAINING, PARTNERS, COMMUNITY, ABOUT US), and a green DOWNLOAD button. Below the navigation bar, the page title is "Download and install Zabbix". A row of six buttons is displayed: "Zabbix Packages" (highlighted with a dark blue background), "Zabbix Cloud Images", "Zabbix Containers", "Zabbix Appliance", "Zabbix Sources", and "Zabbix Agents". Below this row, a large number "1" is followed by the text "Choose your platform". A table is presented with columns for ZABBIX VERSION, OS DISTRIBUTION, OS VERSION, ZABBIX COMPONENT, DATABASE, and WEB SERVER. The table contains several rows of options, with "6.2", "Alma Linux", "11 (Bullseye)", "Server, Frontend, Agent", "MySQL", and "Apache" highlighted in blue.

ZABBIX VERSION	OS DISTRIBUTION	OS VERSION	ZABBIX COMPONENT	DATABASE	WEB SERVER
6.2	Alma Linux	11 (Bullseye)	Server, Frontend, Agent	MySQL	Apache
6.0 LTS	CentOS	10 (Buster)	Proxy	PostgreSQL	Nginx
5.0 LTS	Debian	9 (Stretch)	Agent		
4.0 LTS	Oracle Linux		Agent 2		
6.4 PRE-RELEASE	Raspberry Pi OS		Java Gateway		
	Red Hat Enterprise Linux				
	Rocky Linux				
	SUSE Linux Enterprise Server				
	Ubuntu				
	Ubuntu (arm64)				

Install zabbix in 5 minutes

Zabbix cloud images

Zabbix
Packages

Zabbix
Cloud
Images

Zabbix
Containers

Zabbix
Appliance

Zabbix
Sources

Zabbix
Agents

CLOUD VENDOR

ZABBIX VERSION

COMPONENT

DATABASE

WEB SERVER


 AWS

6.2

Zabbix Server

MySQL

Nginx

 Azure

6.0


Zabbix Proxy

 DigitalOcean

5.4

 Google Cloud Platform

5.0

 Red Hat OpenShift

Proceed to install Zabbix













https://azuremarketplace.microsoft.com/en-us/marketplace/apps/zabbix.server_6_2_vm

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Zabbix from containers

Zabbix Docker Component Repositories

[Zabbix Docker hub](#)

 Zabbix Server MySQL	 Zabbix Server PostgreSQL	 Zabbix Proxy SQLite3	 Zabbix Proxy MySQL	 Zabbix Frontend Apache, MySQL
 Zabbix Frontend Apache, PostgreSQL	 Zabbix Frontend Nginx, MySQL	 Zabbix Frontend Nginx, PostgreSQL	 Zabbix Agent TLS encryption	 Zabbix Java Gateway
 Zabbix SNMP traps	 Zabbix Web Service			

Zabbix Docker Repository GitHub

 Official Dockerfiles

Install zabbix in 5 minutes

Ready-made solution

Zabbix Packages Zabbix Cloud Images Zabbix Containers **Zabbix Appliance** Zabbix Sources Zabbix Agents

Install Zabbix Appliance

[Zabbix 6.2](#) Zabbix 6.0 LTS Zabbix 5.0 LTS Zabbix 4.0 LTS Pre-Release

Version	Release	Date	Platform	Release Notes	Zabbix Manual	Download
Zabbix 6.2	6.2.6	Dec 05, 2022	Installation CD/DVD (.iso)	[Notes]	[Manual]	Download
Zabbix 6.2	6.2.6	Dec 05, 2022	KVM, Parallels, QEMU, USB stick, VirtualBox, Xen (.raw)	[Notes]	[Manual]	Download
Zabbix 6.2	6.2.6	Dec 05, 2022	KVM, QEMU (.qcow2)	[Notes]	[Manual]	Download
Zabbix 6.2	6.2.6	Dec 05, 2022	Microsoft Hyper-V 2008	[Notes]	[Manual]	Download
Zabbix 6.2	6.2.6	Dec 05, 2022	Microsoft Hyper-V 2012	[Notes]	[Manual]	Download
Zabbix 6.2	6.2.6	Dec 05, 2022	Open virtualization format (.ovf)	[Notes]	[Manual]	Download
Zabbix 6.2	6.2.6	Dec 05, 2022	VMWare (.vmx)	[Notes]	[Manual]	Download

▶ As an alternative to manually installing and configuring Zabbix, you can download a ready-made solution in the form of a virtual machine with Zabbix being preinstalled and preconfigured for you.


▶ The ready-made Zabbix solution is based on Centos 8 and allows you to deploy Zabbix even on a Windows laptop.

Install zabbix in 5 minutes

Zabbix installation from sources



Zabbix Packages Zabbix Cloud Images Zabbix Containers Zabbix Appliance **Zabbix Sources** Zabbix Agents

Download sources from Git repository

 Zabbix Git repository

Download ready-to use Zabbix distributives

Zabbix 6.2 Zabbix 6.0 LTS Zabbix 5.0 LTS Zabbix 4.0 LTS Pre-Release Unsupported Versions

Version	Release	Date	Release Notes	Zabbix Manual	Download
Zabbix 6.2 Server, Proxy, Agent, GUI	6.2.6	Dec 05, 2022			Download

Install zabbix in 5 minutes

Zabbix agent

Zabbix Packages Zabbix Cloud Images Zabbix Containers Zabbix Appliance Zabbix Sources **Zabbix Agents**

Download pre-compiled Zabbix agent binaries

For Agent DEBs and RPMs please visit [Zabbix packages](#)

Show legacy downloads

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

Zabbix Release:

- ▶ Download and install precompiled Zabbix agents

Install zabbix in 5 minutes

Zabbix agent

- ▶ Download and install precompiled Zabbix agents

Zabbix Packages

Zabbix Cloud Images

Zabbix Containers

Zabbix Appliance

Zabbix Sources

Zabbix Agents

1 Choose your platform

ZABBIX VERSION	OS DISTRIBUTION	OS VERSION	ZABBIX COMPONENT	DATABASE [?]	WEB SERVER
6.2	Alma Linux	9	Server, Frontend, Agent	---	---
6.0 LTS	CentOS	8	Proxy		
5.0 LTS	Debian		Agent		
4.0 LTS	Oracle Linux		Agent 2		
6.4 PRE-RELEASE	Raspberry Pi OS		Java Gateway		
	Red Hat Enterprise Linux				
	Rocky Linux				
	SUSE Linux Enterprise Server				
	Ubuntu				
	Ubuntu (arm64)				

[Release Notes 6.2](#)

Install zabbix in 5 minutes

Zabbix agent

2

Install and configure Zabbix for your platform

a. Install Zabbix repository

[Documentation](#)

Disable Zabbix packages provided by EPEL, if you have it installed. Edit file `/etc/yum.repos.d/epel.repo` and add the following statement.

```
[epel]
...
excludepkgs=zabbix*
```

Proceed with installing zabbix repository.

```
# rpm -Uvh https://repo.zabbix.com/zabbix/6.2/rhel/9/x86_64/zabbix-release-6.2-3.el9.noarch.rpm
# dnf clean all
```

b. Install Zabbix agent2

```
# dnf install zabbix-agent2 zabbix-agent2-plugin-*
```

c. Start Zabbix agent2 process

Start Zabbix agent2 process and make it start at system boot.


```
# systemctl restart zabbix-agent2
# systemctl enable zabbix-agent2
```

- ▶ Download and install precompiled Zabbix agents

Install zabbix in 5 minutes

Docker

► More details in Zabbix documentation: Installation Zabbix 6.2 from containers


ZABBIX Documentation 6.2 (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 6.2.0

5 Installation from containers




Docker

Zabbix provides  [Docker](#) images for each Zabbix component as portable and self-sufficient containers to speed up deployment and update procedure.

Zabbix components come with MySQL and PostgreSQL database support, Apache2 and Nginx web server support. These images are separated into different images.



Docker base images

Zabbix components are provided on Ubuntu, Alpine Linux and CentOS base images:

Image	Version
 alpine	3.12
 ubuntu	20.04 (focal)
 centos	8

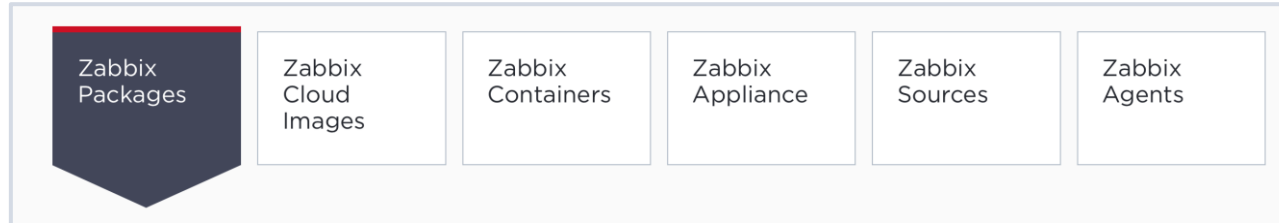
All images are configured to rebuild latest images if base images are updated.

Docker file sources

Everyone can follow Docker file changes using the Zabbix  [official repository](#) on  [github.com](#). You can fork the project or make your own images based on official Docker files.

Install zabbix in 5 minutes

Download and install Zabbix



1. Choose your platform for Zabbix server

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6.4 PRE-RELEASE	Raspberry Pi OS		Java Gateway		
	Red Hat Enterprise Linux				
	Rocky Linux				
	SUSE Linux Enterprise Server				
	Ubuntu				
	Ubuntu (arm64)				

2. Install and configure Zabbix server

- ▶ a. Install Repository with MySQL database
- ▶ b. Install Zabbix server, frontend, agent
- ▶ c. Create initial database
- ▶ d. Configure the database for Zabbix server
- ▶ f. Configure PHP for Zabbix frontend
- ▶ e. Start Web, Zabbix server and agent processes

3. Configure Zabbix frontend

- ▶ a. Connect to your newly installed Zabbix frontend: `http://server_ip_or_name/zabbix`
- ▶ b. Follow steps described in Zabbix documentation: Installing frontend

4. Start using Zabbix

- ▶ See Quickstart guide in Zabbix manual

Install zabbix in 5 minutes

Quick start

English	Chinese	Portuguese	Russian	Japanese	French	Polski
<p>Zabbix 6.2</p> <p>Manual provides all necessary information to successfully install, configure, and run Zabbix.</p> <p>Read manual</p>			<p>Zabbix 6.0</p> <p>Read manual</p>	<p>Zabbix 5.4</p> <p>Read manual</p>	<p>Zabbix 5.2</p> <p>Read manual</p>	
			<p>Zabbix 5.0 LTS</p> <p>Read manual</p>	<p>Zabbix 4.0 LTS</p> <p>Read manual</p>	<p>Zabbix 3.0 LTS</p> <p>Read manual</p>	

- › Installation is only the first step! "Quick Start" guide describes the next steps - from logging in and creating a new user up to receiving notifications.
- › <https://www.zabbix.com/documentation/6.2/manual/quickstart>

2

Demonstration



Demonstration commands

1. Installing and Configuring the Database

```
apt install sudo gnupg2
```

```
# PostgreSQL
```

```
sudo sh -c 'echo "deb http://apt.postgresql.org/pub/repos/apt $(lsb_release -cs)-pgdg main" >
/etc/apt/sources.list.d/pgdg.list'
wget --quiet -O - https://www.postgresql.org/media/keys/ACCC4CF8.asc | sudo apt-key add -
sudo apt update
sudo apt-get -y install postgresql-15
```

```
# Timescale DB
```

```
apt install gnupg postgresql-common apt-transport-https lsb-release wget
echo "deb https://packagecloud.io/timescale/timescaledb/debian/ $(lsb_release -c -s) main" |
sudo tee /etc/apt/sources.list.d/timescaledb.list
wget --quiet -O - https://packagecloud.io/timescale/timescaledb/gpgkey | sudo apt-key add -
apt update
apt install timescaledb-2-postgresql-15
timescaledb-tune --quiet --yes
```

Install zabbix in 5 minutes

Demonstration commands

2. Installing and Configuring Zabbix server

```
# Zabbix packages
```

```
wget https://repo.zabbix.com/zabbix/6.3/debian/pool/main/z/zabbix-release/zabbix-release_6.3-3%2Bdebian11_all.deb
```

```
dpkg -i zabbix-release_6.3-3+debian11_all.deb
```

```
apt update
```

```
apt install zabbix-server-pgsql zabbix-frontend-php php7.4-pgsql zabbix-nginx-conf zabbix-sql-scripts zabbix-agent2
```

```
# Database initialization
```

```
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
```

```
max_connections = 125
```

```
systemctl restart postgresql.service
```

```
echo "CREATE EXTENSION IF NOT EXISTS timescaledb CASCADE;" | sudo -u postgres psql zabbix
```

```
cat /usr/share/zabbix-sql-scripts/postgresql/timescaledb.sql | sudo -u zabbix psql zabbix
```

```
vi /etc/zabbix/zabbix_server.conf
```


Demonstration commands

```
# Zabbix Frontend configuration
/etc/zabbix/nginx.conf
listen 80;
server_name example.com;
rm /etc/nginx/sites-enabled/default
```

```
systemctl restart zabbix-server zabbix-agent2 nginx php7.4-fpm
systemctl enable zabbix-server zabbix-agent2 nginx php7.4-fpm
```

3. Configuring Zabbix Web interface using a browser

4. Configuring monitoring devices and applications
(<https://www.zabbix.com/documentation/5.4/manual/quickstart>)



Questions?



Why You Need Monitoring

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