



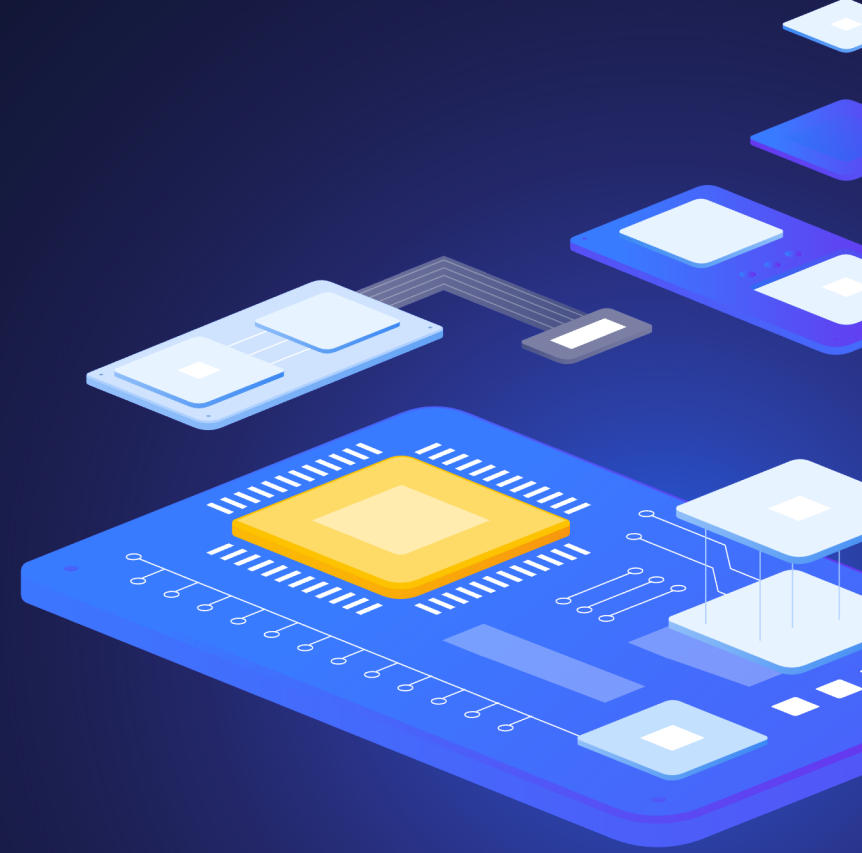
Webinar

Install zabbix 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



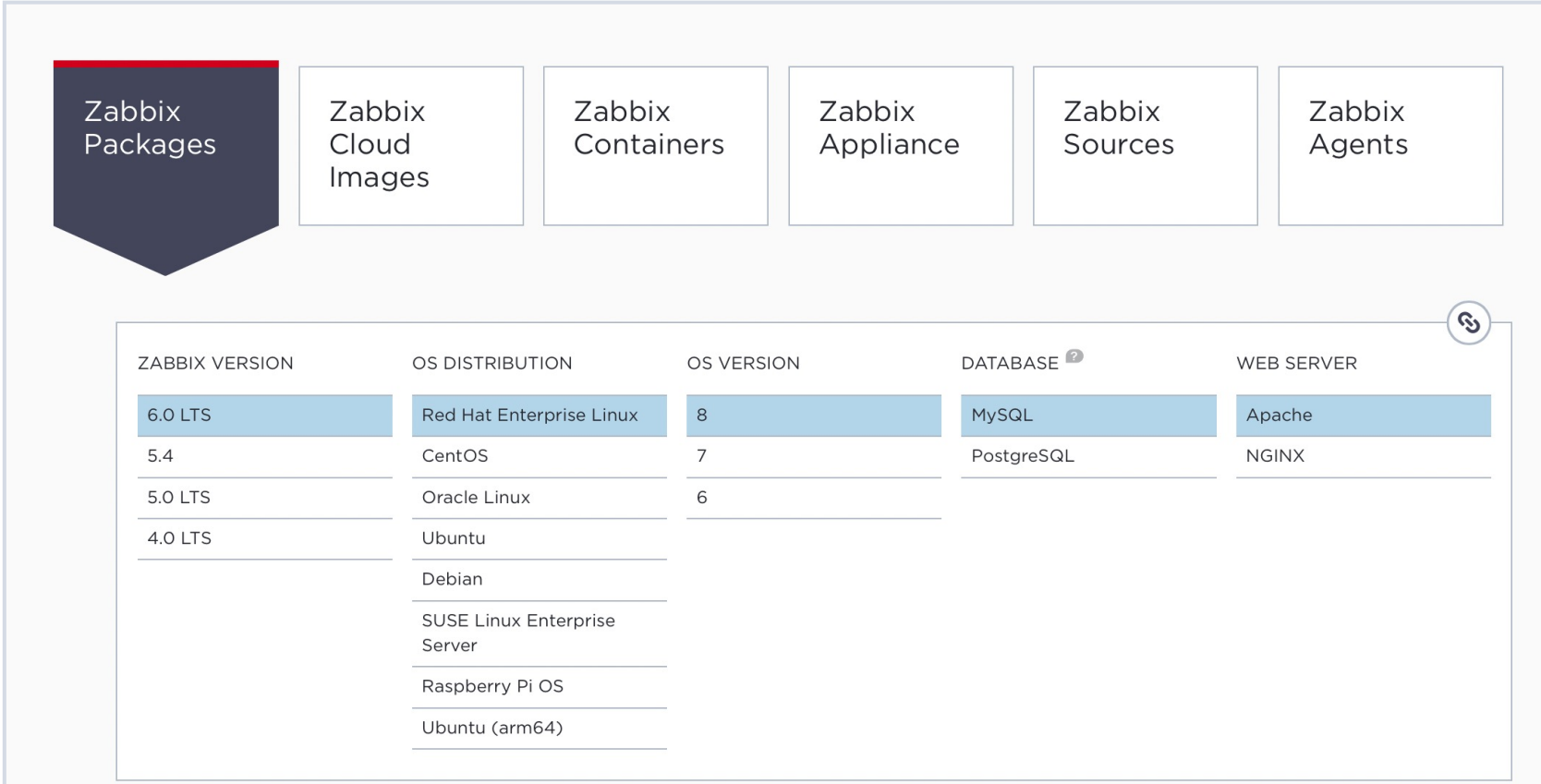
1

Možnosti instalace

INSTALL ZABBIX IN 5 MINUTES

Zabbix installation and configuration

› <https://www.zabbix.com/download>



The screenshot shows the Zabbix download page with several navigation options and a compatibility table. The navigation options are:

- Zabbix Packages (highlighted)
- Zabbix Cloud Images
- Zabbix Containers
- Zabbix Appliance
- Zabbix Sources
- Zabbix Agents

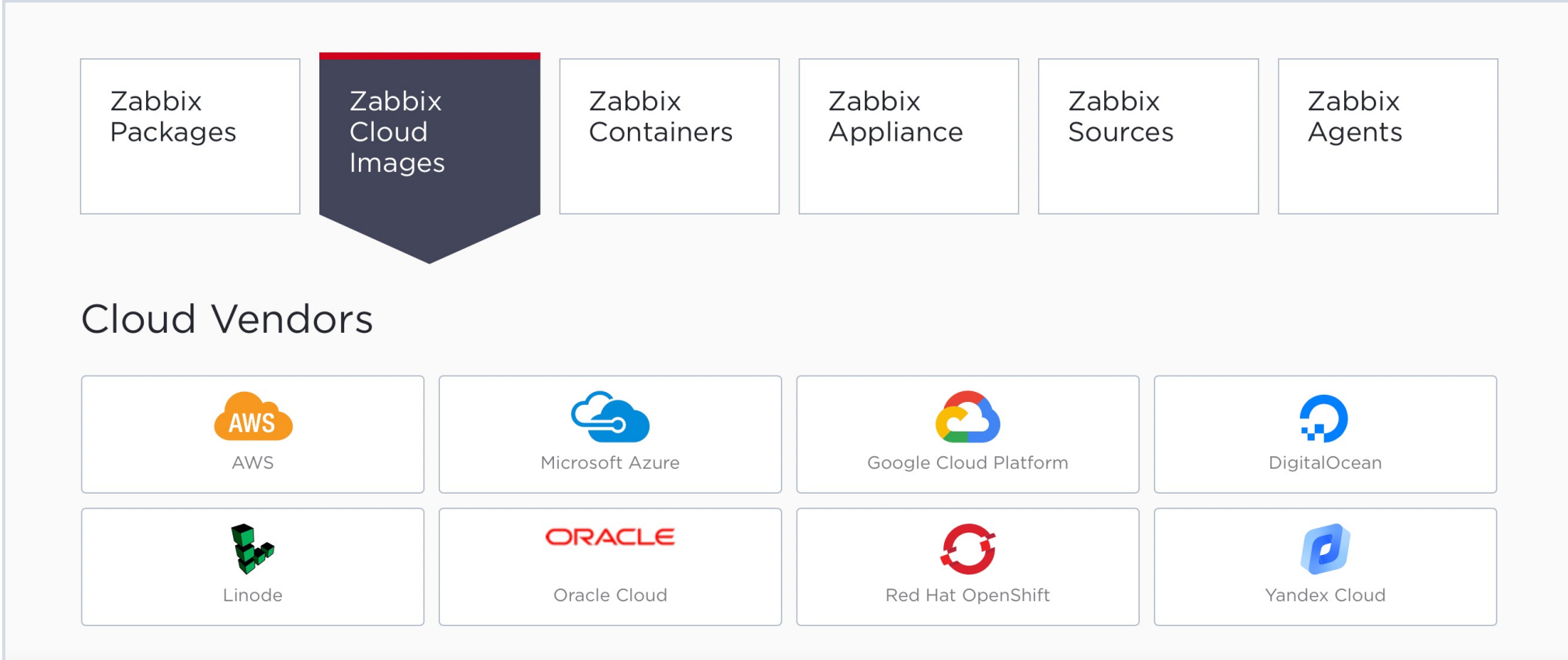
The compatibility table is as follows:

ZABBIX VERSION	OS DISTRIBUTION	OS VERSION	DATABASE [?]	WEB SERVER
6.0 LTS	Red Hat Enterprise Linux	8	MySQL	Apache
5.4	CentOS	7	PostgreSQL	NGINX
5.0 LTS	Oracle Linux	6		
4.0 LTS	Ubuntu			
	Debian			
	SUSE Linux Enterprise Server			
	Raspberry Pi OS			
	Ubuntu (arm64)			

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Zabbix cloud images

› <https://www.zabbix.com/download>



The screenshot displays the Zabbix website's navigation menu and a section for cloud vendors. The navigation menu includes: Zabbix Packages, Zabbix Cloud Images (highlighted with a dark blue arrow), Zabbix Containers, Zabbix Appliance, Zabbix Sources, and Zabbix Agents. Below this, the 'Cloud Vendors' section lists eight providers: AWS, Microsoft Azure, Google Cloud Platform, DigitalOcean, Linode, Oracle Cloud, Red Hat OpenShift, and Yandex Cloud, each with its respective logo.

Zabbix Packages

Zabbix Cloud Images

Zabbix Containers

Zabbix Appliance

Zabbix Sources

Zabbix Agents

Cloud Vendors

AWS

Microsoft Azure

Google Cloud Platform

DigitalOcean

Linode

ORACLE

Oracle Cloud

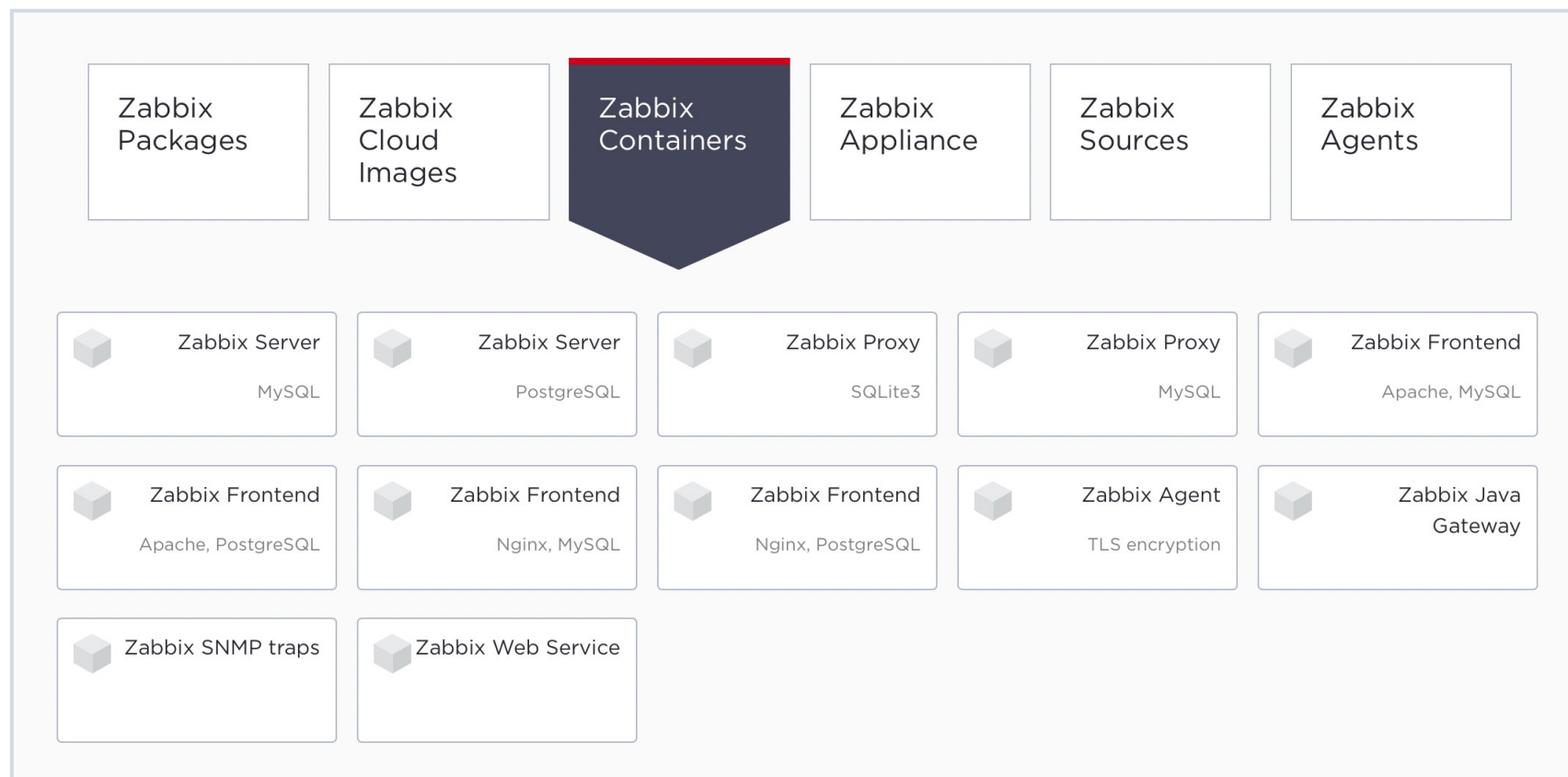
Red Hat OpenShift

Yandex Cloud

INSTALL ZABBIX IN 5 MINUTES

Zabbix from containers

› <https://www.zabbix.com/download>



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Ready-made solution

► The Appliance is not intended for serious production use.

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

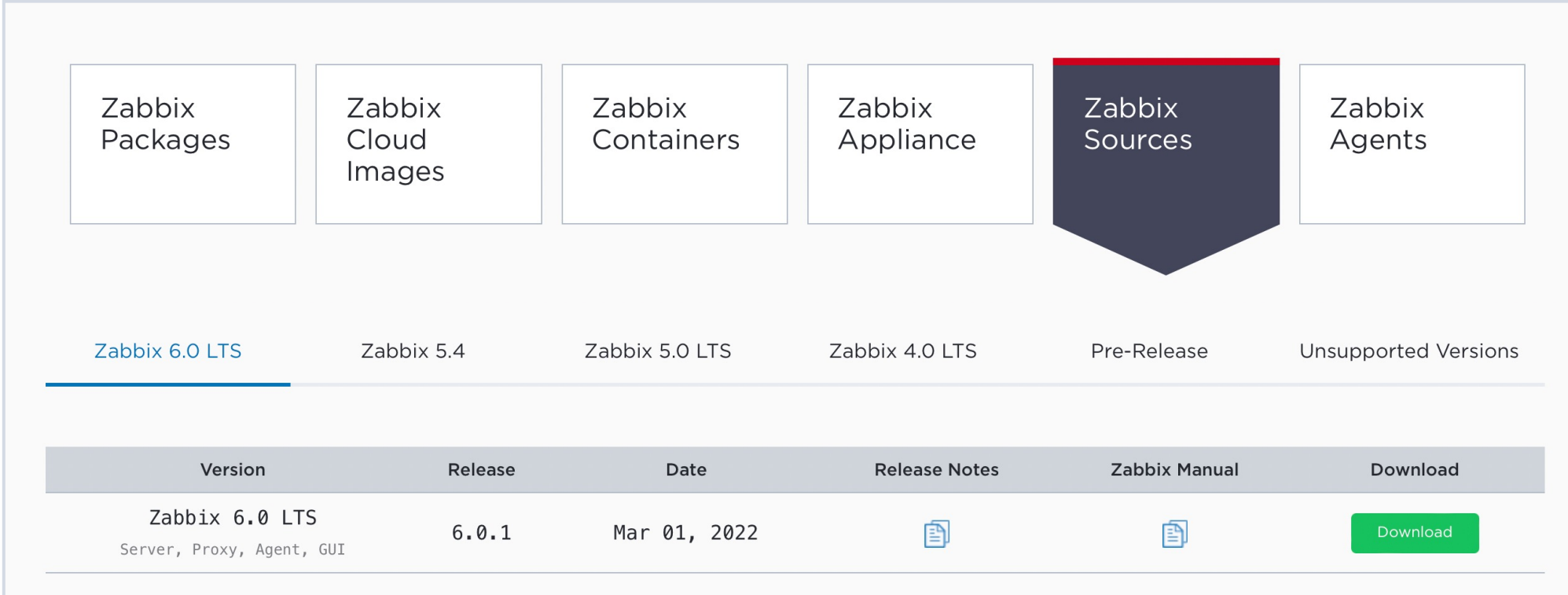
Zabbix 6.0 LTS Zabbix 5.4 Zabbix 5.0 LTS Zabbix 4.0 LTS

Version	Release	Date	Platform	Release Notes	Zabbix Manual	Download
Zabbix 6.0 LTS	6.0.1	Mar 01, 2022	Installation CD/DVD (.iso)	Release Notes	Zabbix Manual	Download
Zabbix 6.0 LTS	6.0.1	Mar 01, 2022	VMWare (.vmx)	Release Notes	Zabbix Manual	Download
Zabbix 6.0 LTS	6.0.1	Mar 01, 2022	Open virtualization format (.ovf)	Release Notes	Zabbix Manual	Download
Zabbix 6.0 LTS	6.0.1	Mar 01, 2022	Microsoft Hyper-V 2012	Release Notes	Zabbix Manual	Download
Zabbix 6.0 LTS	6.0.1	Mar 01, 2022	Microsoft Hyper-V 2008	Release Notes	Zabbix Manual	Download
Zabbix 6.0 LTS	6.0.1	Mar 01, 2022	KVM, Parallels, QEMU, USB stick, VirtualBox, Xen (.raw)	Release Notes	Zabbix Manual	Download
Zabbix 6.0 LTS	6.0.1	Mar 01, 2022	KVM, QEMU (.qcow2)	Release Notes	Zabbix Manual	Download



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Zabbix installation from sources

► More details in Zabbix documentation



The interface shows six installation options: Zabbix Packages, Zabbix Cloud Images, Zabbix Containers, Zabbix Appliance, Zabbix Sources (highlighted with a dark blue shield), and Zabbix Agents. Below these is a version selection bar with options: Zabbix 6.0 LTS (underlined), Zabbix 5.4, Zabbix 5.0 LTS, Zabbix 4.0 LTS, Pre-Release, and Unsupported Versions. At the bottom is a table with columns for Version, Release, Date, Release Notes, Zabbix Manual, and Download.

Version	Release	Date	Release Notes	Zabbix Manual	Download
Zabbix 6.0 LTS Server, Proxy, Agent, GUI	6.0.1	Mar 01, 2022			Download

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Zabbix agent

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

Show legacy downloads

OS DISTRIBUTION	OS VERSION	HARDWARE	ZABBIX VERSION	ENCRYPTION	PACKAGING
Windows	Any	amd64	6.0 LTS	OpenSSL	Archive
Linux		i386	5.4	No encryption	
macOS			5.2		
AIX			5.0 LTS		
FreeBSD			4.4		
HPUX			4.2		
NetBSD			4.0 LTS		
OpenBSD			3.0 LTS		
SLES					
Solaris					
Tru64					

Zabbix Release:

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Docker


► More details in Zabbix documentation

ZABBIX Zabbix Documentation 6.0 6.0 (current) English

Zabbix documentation **5 Installation from containers** Table of Contents

- Zabbix Manual
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 - 5 Installation from containers**
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 - 9 Template changes
 - 10 Upgrade notes for 6.0.0
 - 11 Upgrade notes for 6.0.1
- 5. Quickstart




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.

- 5 Installation from containers
 - Docker
 - Docker base images
 - Docker file sources
 - Structure
 - Versions
 - Usage
 - Environment variables
 - Volumes
 - Usage examples
 - Docker Compose
 - Storage
 - Environment files
 - Examples

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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Postup instalace



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- › `setenforce 0`
- › `dnf install -y https://download.postgresql.org/pub/repos/yum/reporpms/EL-8-x86_64/pgdg-redhat-repo-latest.noarch.rpm`
- › `dnf -qy module disable postgresql`
- › `dnf install -y postgresql13-server`
- › `/usr/pgsql-13/bin/postgresql-13-setup initdb`
- › `systemctl enable postgresql-13 --now`

- › `rpm -Uvh https://repo.zabbix.com/zabbix/6.0/rhel/8/x86_64/zabbix-release-6.0-1.el8.noarch.rpm`
- › `dnf clean all`
- › `dnf install zabbix-server-pgsql zabbix-web-pgsql zabbix-apache-conf zabbix-sql-scripts zabbix-agent zabbix-web-service`
- › `cd /tmp`
- › `sudo -u postgres createuser --pwprompt zabbix`
- › `sudo -u postgres createdb -O zabbix zabbix`
- › `zcat /usr/share/doc/zabbix-sql-scripts/postgresql/server.sql.gz | sudo -u zabbix psql zabbix`

- › `firewall-cmd --permanent --add-service=http`
- › `firewall-cmd --permanent --add-port=10051/tcp`
- › `firewall-cmd --reload`

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- › `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 timescaledb-2-postgresql-13-2.3.1 timescaledb-2-loader-postgresql-13-2.3.1-0.el8.x86_64`
- › `nano /var/lib/pgsql/13/data/postgresql.conf`
- › `...`
- › `shared_preload_libraries = 'timescaledb'`
- › `...`
- › `systemctl restart postgresql-13.service`
- › `echo "CREATE EXTENSION IF NOT EXISTS timescaledb CASCADE;" | sudo -u postgres psql zabbix`
- › `cat /usr/share/doc/zabbix-sql-scripts/postgresql/timescaledb.sql | sudo -u zabbix psql zabbix`

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- ▶ `nano /etc/zabbix/zabbix_server.conf`
- ▶ ...
- ▶ `DBPassword=password`
- ▶ `StartReportWriters=1`
- ▶ `WebServiceURL=http://localhost:10053/report`
- ▶ ...

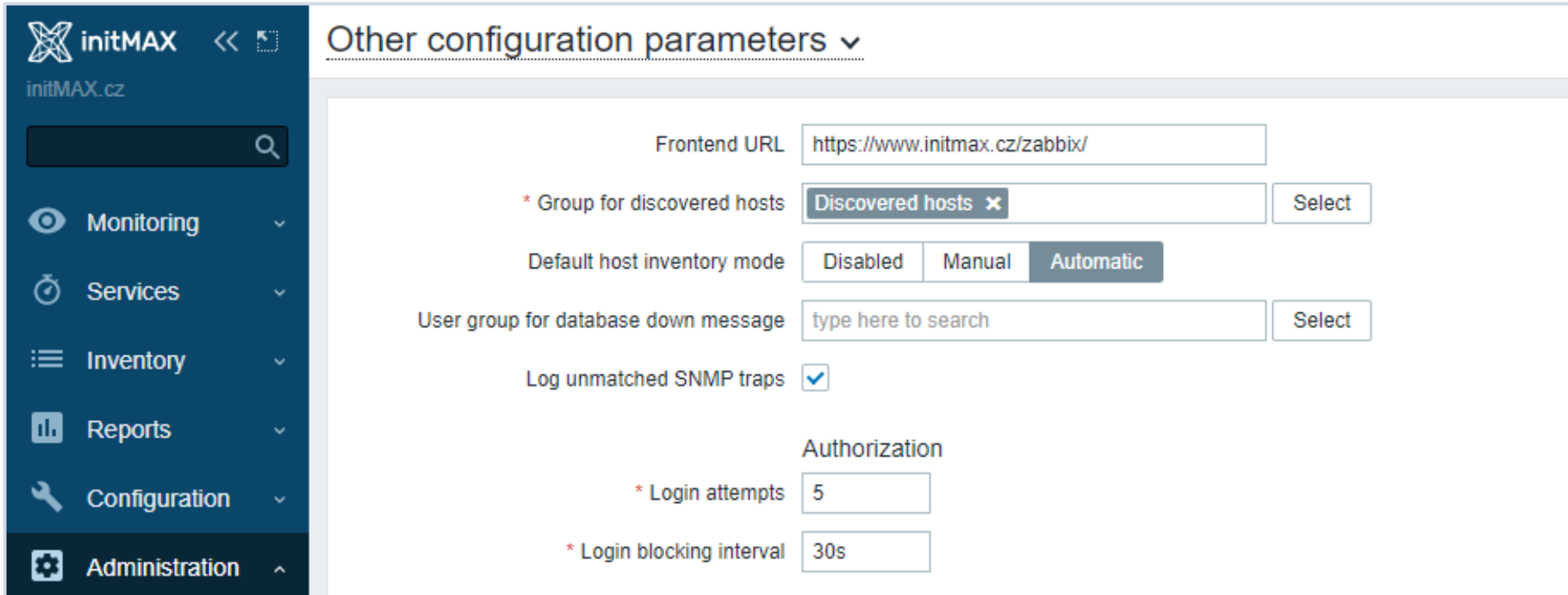
- ▶ `dnf install glibc-langpack-cs.x86_64 glibc-langpack-sk.x86_64`
- ▶ `systemctl restart zabbix-server zabbix-web-service zabbix-agent httpd php-fpm`
- ▶ `systemctl enable zabbix-server zabbix-web-service zabbix-agent httpd php-fpm`
- ▶ `less /var/log/zabbix/zabbix_server.log`

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Frontend settings

- ▶ Fill your :Frontend URL

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



The screenshot shows the initMAX web interface. On the left is a dark blue sidebar with the initMAX logo and the URL 'initMAX.cz'. Below the logo is a search bar and a list of menu items: Monitoring, Services, Inventory, Reports, Configuration, and Administration. The main content area is titled 'Other configuration parameters' and contains several settings:

- Frontend URL:
- * Group for discovered hosts:
- Default host inventory mode: Disabled Manual Automatic
- User group for database down message:
- Log unmatched SNMP traps:
- Authorization section:
 - * Login attempts:
 - * Login blocking interval:

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Praktická ukázka



4

Otázky



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