initMAX

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

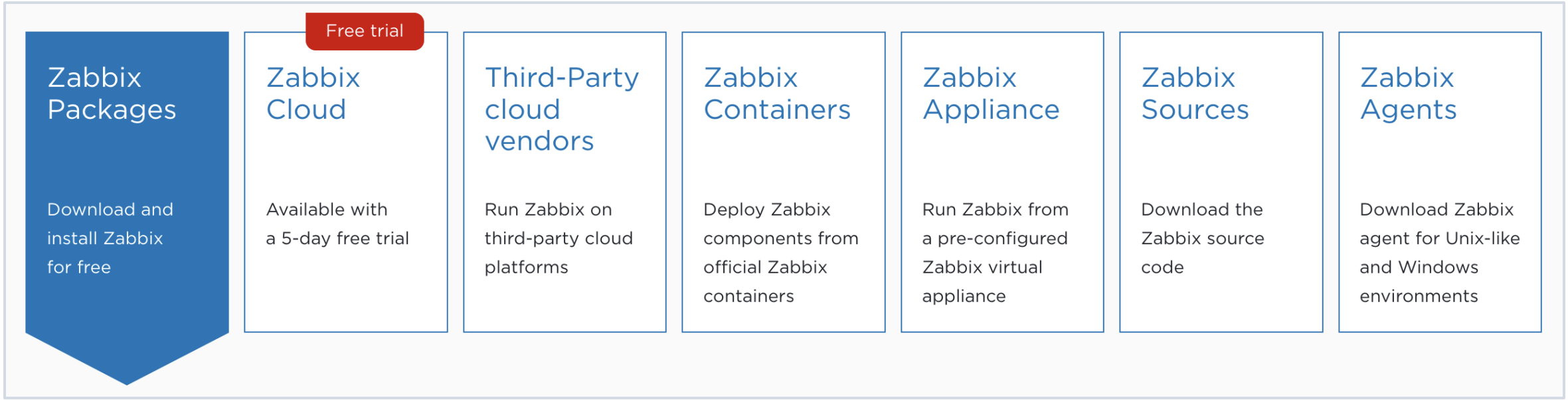
Installation options



Install Zabbix 8.0 in 5 minutes

initMAX

Zabbix installation and configuration



› https://www.zabbix.com/download

Install Zabbix 8.0 in 5 minutes

Zabbix installation and configuration

Package selection for the demo

Zabbix version
8.0 LTS

Distribution
Rocky Linux

OS version
10

Components
Server, frontend and Agent 2

Database
PostgreSQL 18 via PGDG

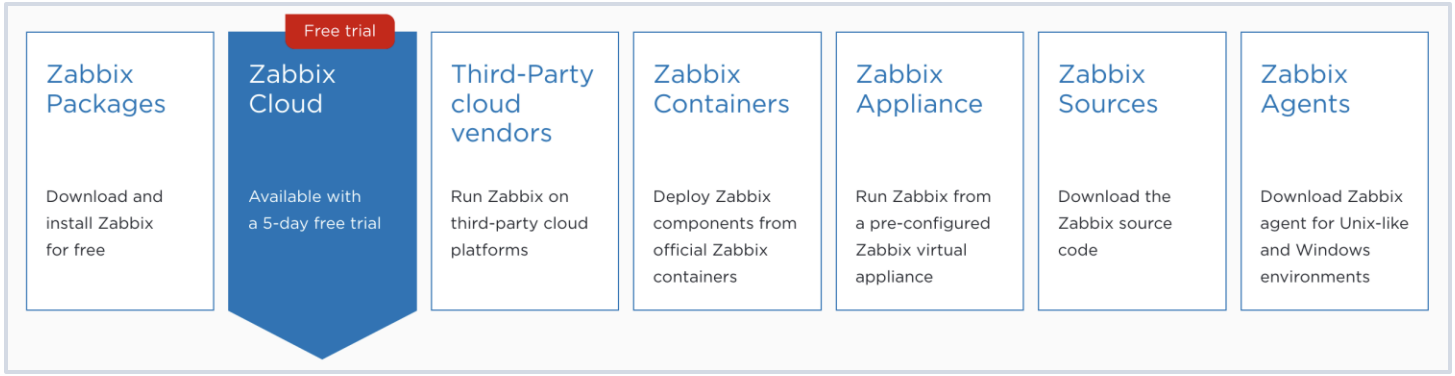
Web server
Nginx

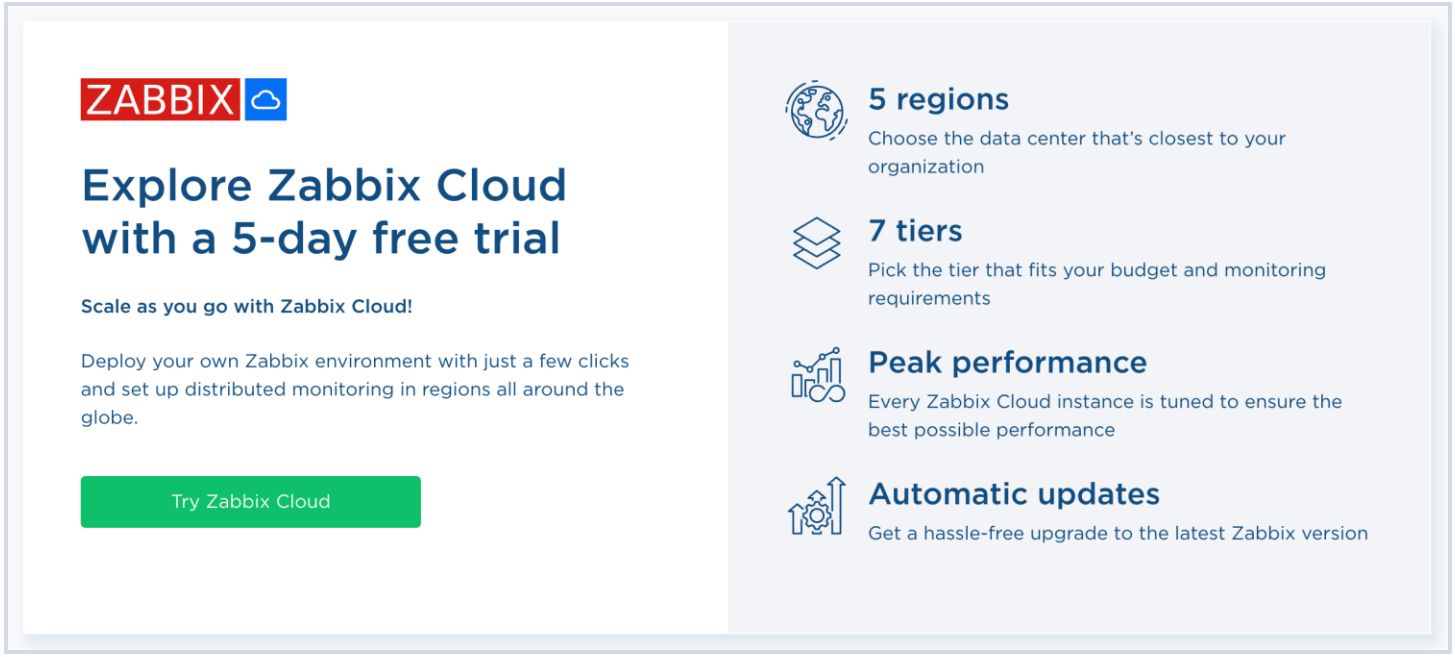
Optional next step
Follow the initMAX APM setup guide for Rocky Linux 10.

Open the live package selector

Install Zabbix 8.0 in 5 minutes

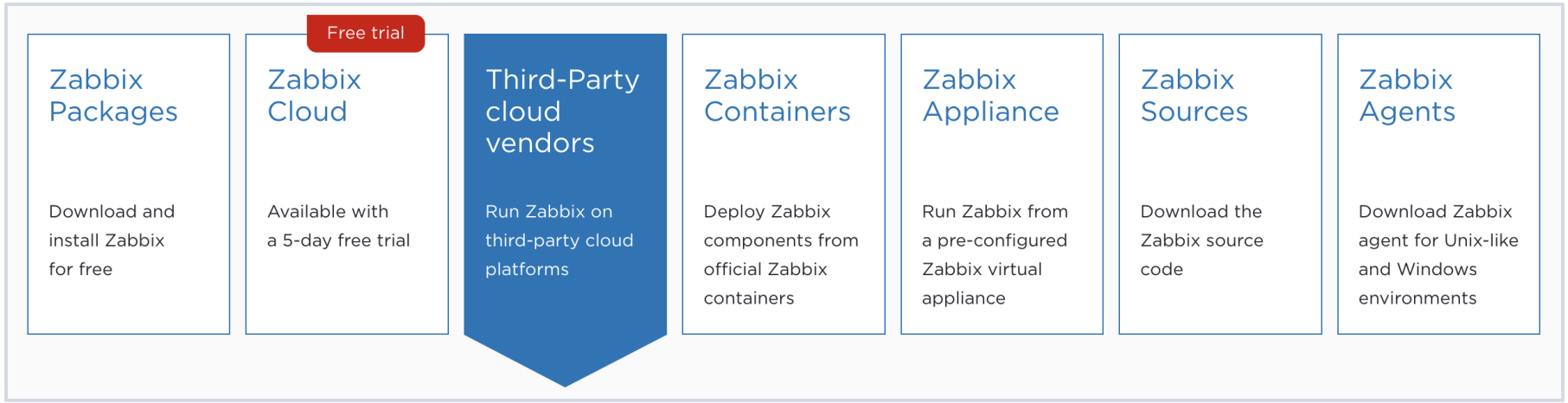
Zabbix Cloud





initMAX

Zabbix cloud images



Choose a cloud image

Provider and image

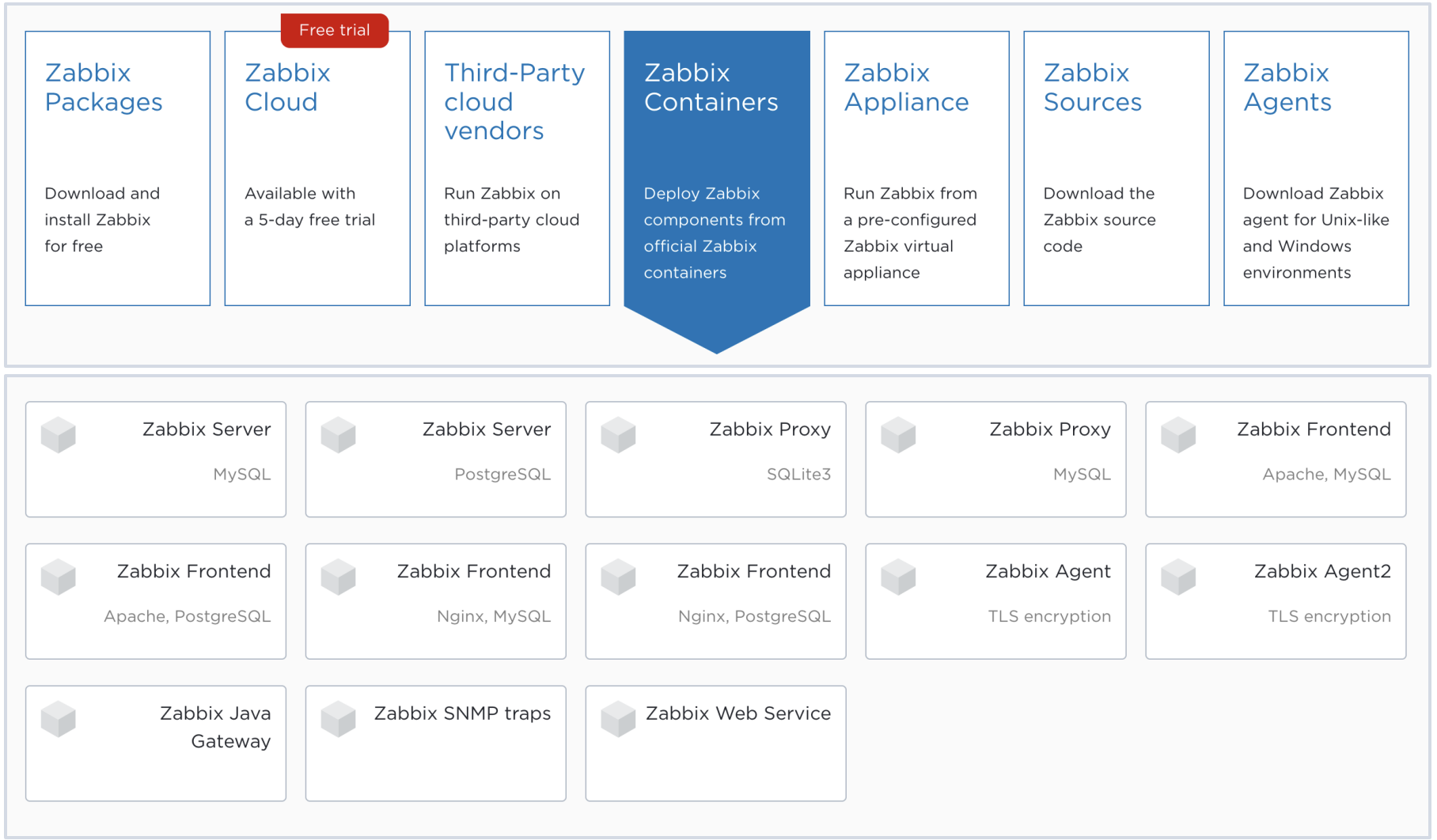
Select the provider, image release and region.

Your network

Set firewall rules, storage and access in your own cloud account.

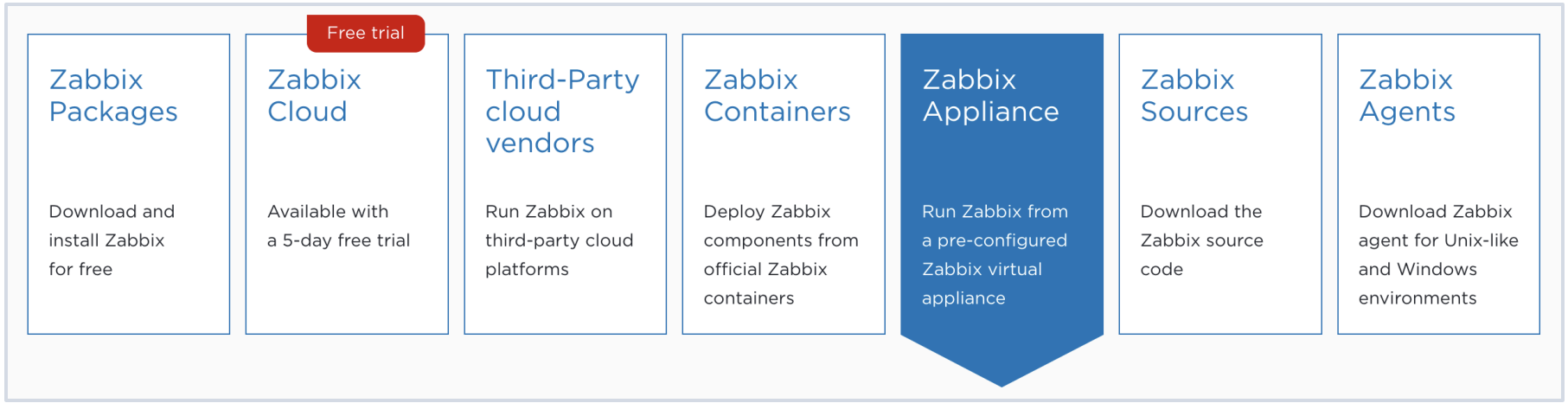
Install Zabbix 8.0 in 5 minutes

Zabbix from containers



Install Zabbix 8.0 in 5 minutes

Ready-made solution



Appliance for evaluation

Preconfigured virtual machine

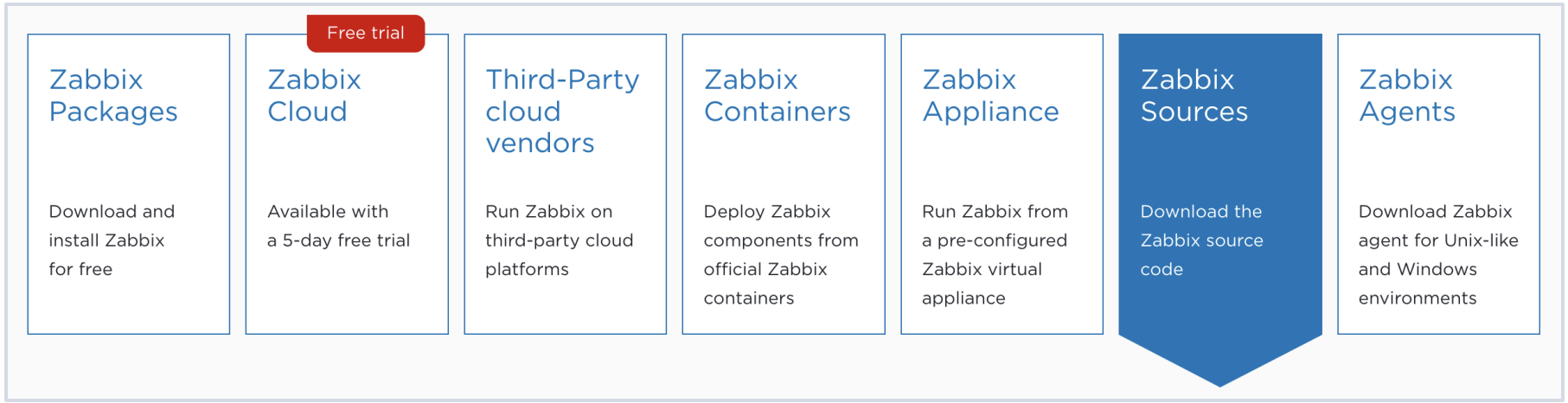
Check the available Zabbix version and hypervisor format.

First start

Use a private network and change the initial credentials.

initMAX

Zabbix installation from sources



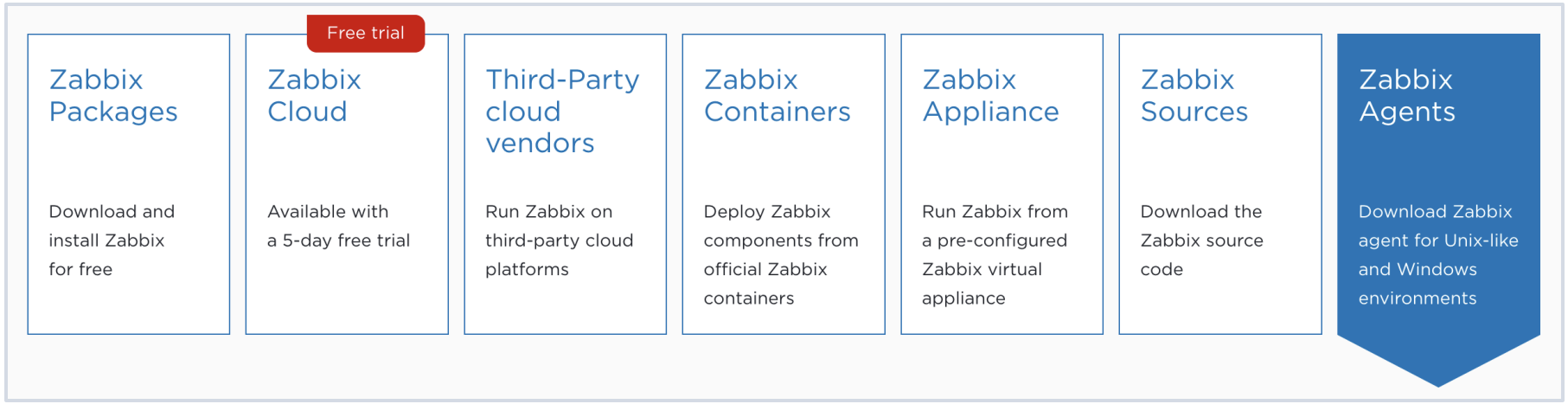
Source code and release archives

Zabbix 8.0 LTS

Use the release archive and its published checksum.

initMAX

Zabbix agent



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

initMAX

Zabbix agent

Agent packages and connection modes

Linux

Use Agent 2 from the 8.0 repository.

Windows

Choose the official MSI for your architecture.

Passive checks

Server or proxy connects to the agent on 10050/TCP.

Active checks

Agent connects to ServerActive on 10051/TCP.

Agent downloads

initMAX

Docker

PostgreSQL example with official Compose

Use the 8.0 branch

git clone https://github.com/zabbix/zabbix-docker.git

Start the stack

docker compose -f compose_pgsql.yaml up -d

Check containers and the web port

docker compose -f compose_pgsql.yaml ps

Zabbix 8.0 container installation

initMAX

Download and install Zabbix

Initial steps

- Choose your platform and installation method.
- For a package installation, use the Zabbix 8.0 LTS repository for your platform.
- Recommended demo platform: Rocky Linux 10 with PostgreSQL 18 via PGDG.
- Install Zabbix server, the Nginx or Apache frontend (Nginx recommended), and Agent 2.
- Recommended: TimescaleDB Community Edition for history compression.
- Complete the web setup and verify values in Monitoring → Latest data.
- For application monitoring, follow the initMAX APM guide in the Wiki section.

2

Installation process



Install Zabbix 8.0 in 5 minutes

initMAX

```
# Rocky Linux 10 · PostgreSQL 18 via PGDG · Nginx
dnf install -y https://download.postgresql.org/pub/repos/yum/reporpms/EL-10-x86_64/pgdg-redhat-repo-latest.noarch.rpm
dnf install -y postgresql18-server
/usr/pgsql-18/bin/postgresql-18-setup initdb
systemctl enable --now postgresql-18

# If EPEL is enabled, exclude zabbix* from it first.
rpm -Uvh https://repo.zabbix.com/zabbix/8.0/release/rocky/10/noarch/zabbix-release-latest.el10.noarch.rpm
dnf clean all
dnf install -y zabbix-server-pgsql zabbix-web-pgsql zabbix-nginx-conf \
  zabbix-sql-scripts zabbix-agent2

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 -v ON_ERROR_STOP=1 -d zabbix
```

Install Zabbix 8.0 in 5 minutes

initMAX

```
# Configure the public firewalld zone
dnf install -y firewalld nano
systemctl enable --now firewalld
firewall-cmd --permanent --zone=public --add-service=http
firewall-cmd --permanent --zone=public --add-service=zabbix-trapper
firewall-cmd --reload

# Recommended: TimescaleDB Community Edition from the Tiger Data repo
dnf install timescaledb-2-postgresql-18 timescaledb-2-loader-postgresql-18 \
  timescaledb-tools
timescaledb-tune --pg-config /usr/pgsql-18/bin --max-conns=125
systemctl restart postgresql-18
```

Install Zabbix 8.0 in 5 minutes

initMAX

Configure Zabbix server and Nginx

/etc/zabbix/zabbix_server.conf

Before

```
# DBPassword=
# StartReportWriters=0
# WebServiceURL=
```

After

```
DBPassword=<database user password>
StartReportWriters=1
WebServiceURL=http://localhost:10053/report
```

/etc/nginx/conf.d/zabbix.conf

Before

```
# listen 8080;
# server_name example.com;
```

After

```
listen 80;
server_name YOUR_ZABBIX_HOSTNAME;
```

Use the name you will open in the browser. Enable the reporting settings when you install the web service.

Install Zabbix 8.0 in 5 minutes

initMAX

```
# Enable TimescaleDB after importing the core schema
sudo -u postgres psql -v ON_ERROR_STOP=1 -d zabbix \
  -c 'CREATE EXTENSION IF NOT EXISTS timescaledb;'
sudo -u zabbix psql -v ON_ERROR_STOP=1 -d zabbix \
  -f /usr/share/zabbix/sql-scripts/postgresql/timescaledb/schema.sql

# Validate Nginx and start Zabbix and the frontend
nginx -t
systemctl enable --now zabbix-server zabbix-agent2 nginx php-fpm
tail -n 50 /var/log/zabbix/zabbix_server.log
```

Frontend setup

Open the Nginx site and finish the database wizard. Change the initial Admin password.

Install Zabbix 8.0 in 5 minutes

initMAX

Web service and scheduled reports

Install Google Chrome on the web service host

```
dnf install -y wget zabbix-web-service
wget https://dl.google.com/linux/direct/google-chrome-stable_current_x86_64.rpm
dnf localinstall -y google-chrome-stable_current_x86_64.rpm
google-chrome-stable --version

systemctl enable --now zabbix-web-service
systemctl restart zabbix-server
```

Set the frontend URL

Administration → General → Other. Enter the Zabbix site URL as seen by the web service.
Use Test on a scheduled report to check the result.

initMAX installation guide

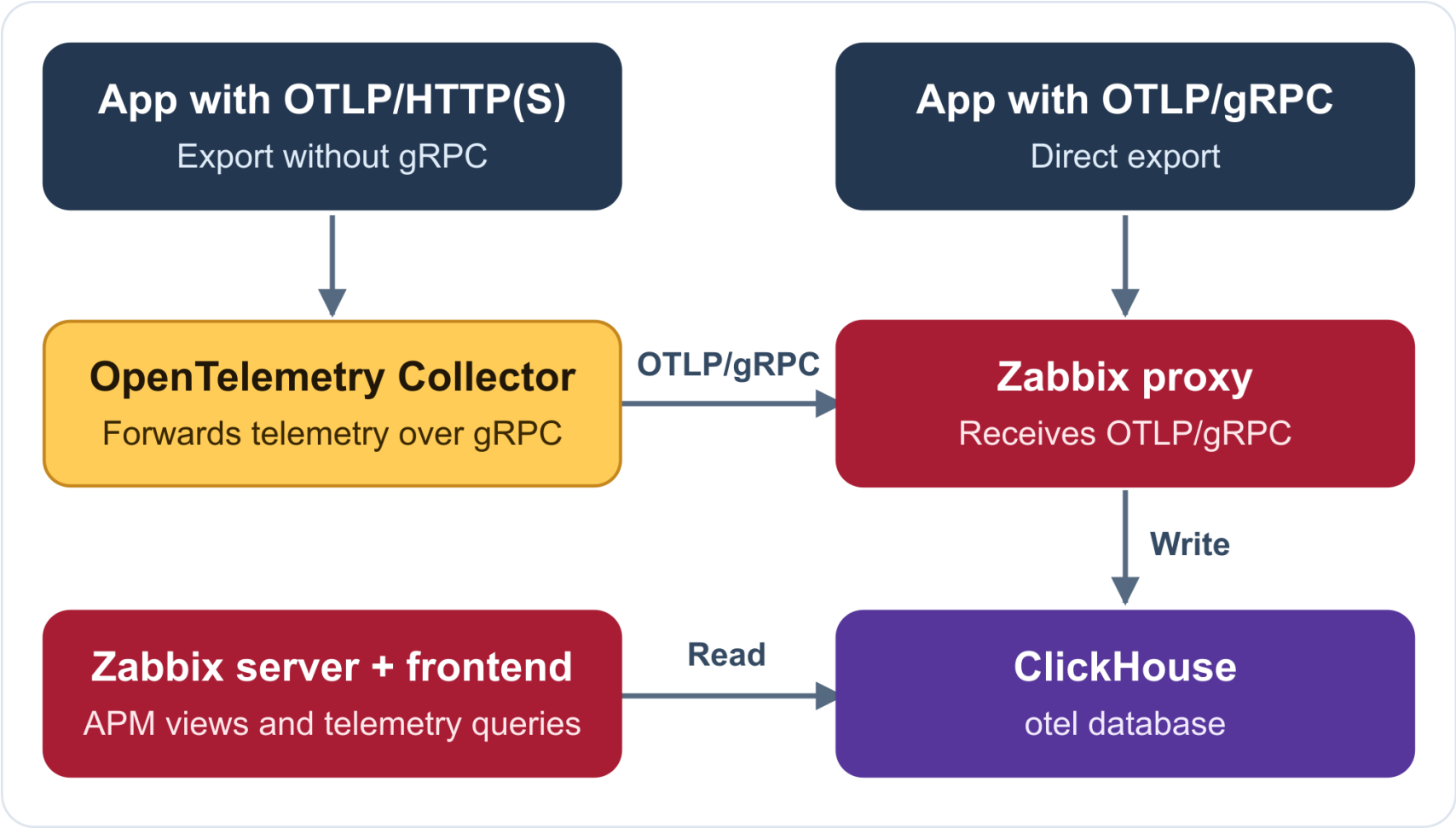
3

Demo



Install Zabbix 8.0 in 5 minutes

Application performance monitoring



initMAX APM setup guide

Rocky Linux 10 walkthrough

Read in English

Read in Czech

5

Wiki



initMAX

Install Zabbix 8.0 in 5 minutes

Wiki

Install Zabbix 8.0 LTS

initMAX installation guide · English

initMAX installation guide · Czech

initMAX APM

APM with ClickHouse and OpenTelemetry · English

APM with ClickHouse and OpenTelemetry · Czech

uxMAX module

Branding and saved APM filters · English

uxMAX guide · Czech

initMAX

Helpful links and tips

Useful references

initMAX Wiki · English

initMAX Wiki · Czech

PostgreSQL packages

TimescaleDB installation

Zabbix 8.0 requirements

What's new in Zabbix 8.0 LTS

Before production

- Check supported versions and keep minor releases current.
- Plan database backups, retention, TLS and a recovery test.

6

Questions

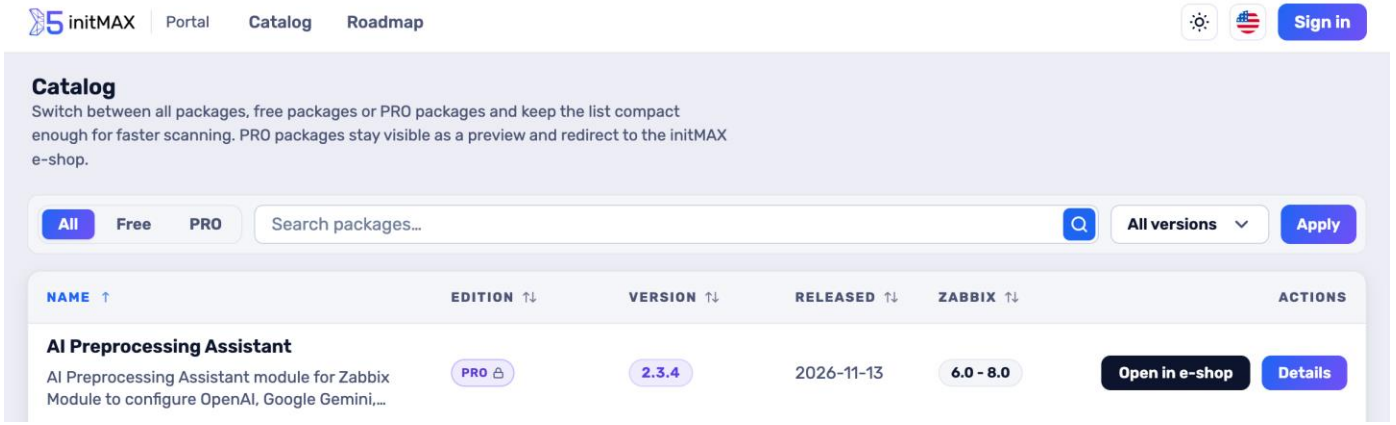


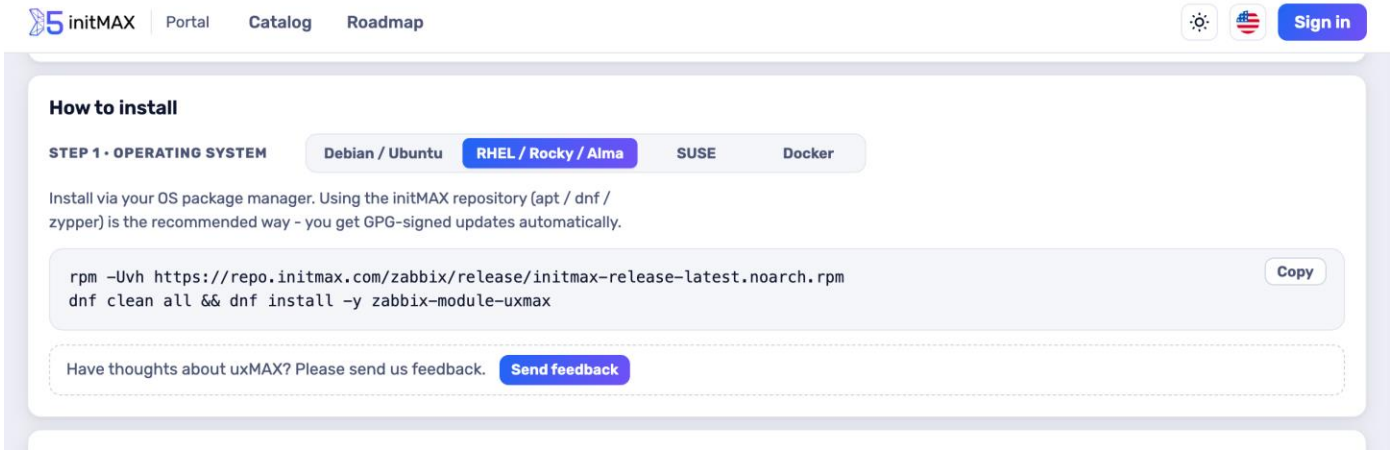
Install Zabbix 8.0 in 5 minutes

initMAX Portal

- Widgets and modules for Zabbix
- Compatibility with Zabbix 8.0
- FREE and PRO editions
- Guided installation for Linux and Docker
- uxMAX branding and saved APM filters

[Open the initMAX Portal catalog]





initMAX

Contact us

Implementation, support
and training

Tomáš Heřmánek

tomas.hermanek@initmax.com

+420 732 447 184

Discuss your project with us →

USA / International

+1 (727) 350-9332 initmax.com

Czech Republic

+420 800 244 442 initmax.cz

Slovakia

+421 277 270 154 initmax.sk

LinkedIn: initMAX X: @initmax