



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

Installation options



INSTALL ZABBIX IN 5 MINUTES

Zabbix installation and configuration

► <https://www.zabbix.com/download>

Zabbix Packages

Zabbix Cloud Images

Zabbix Containers

Zabbix Appliance

Zabbix Sources

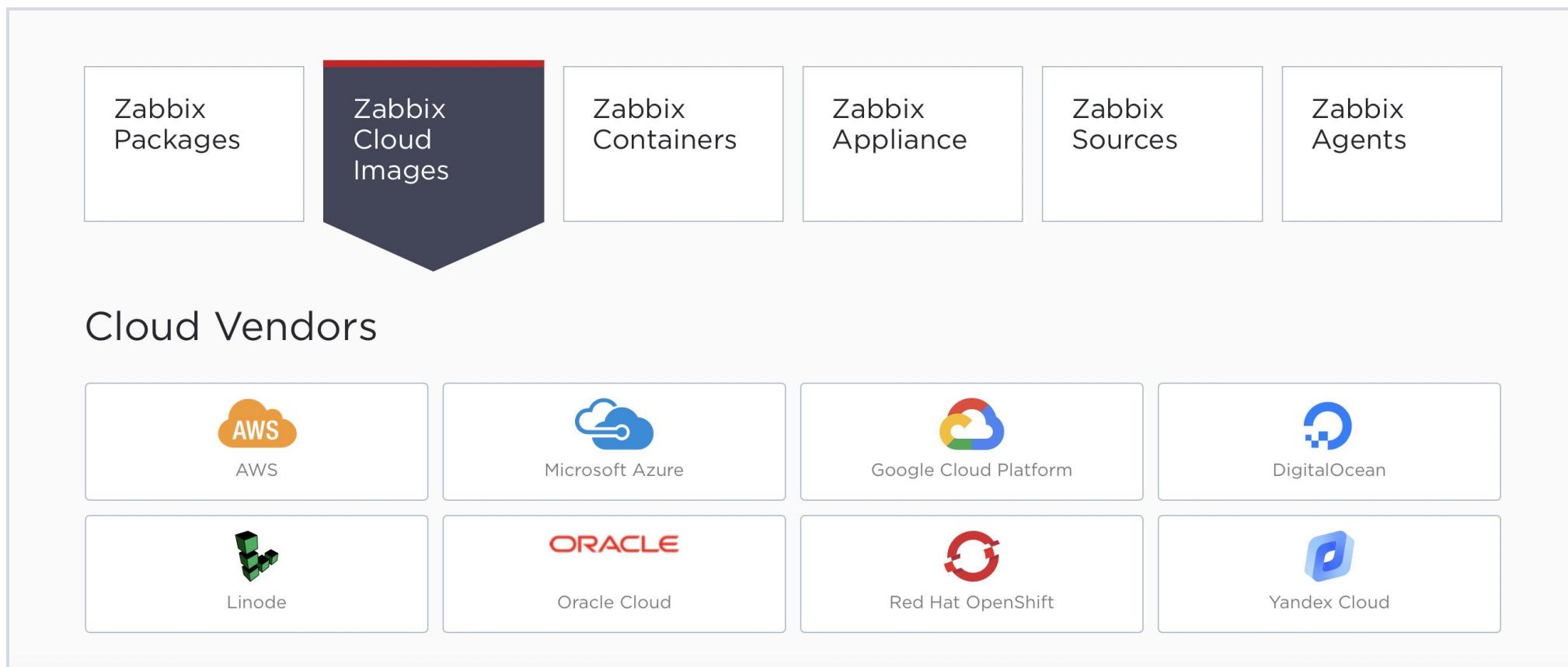
Zabbix Agents

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)			

INSTALL ZABBIX IN 5 MINUTES

Zabbix cloud images

› <https://www.zabbix.com/download>



The screenshot displays the Zabbix Cloud Images download page. At the top, a horizontal navigation bar contains six items: 'Zabbix Packages', 'Zabbix Cloud Images' (which is highlighted with a dark blue background and a red top border), 'Zabbix Containers', 'Zabbix Appliance', 'Zabbix Sources', and 'Zabbix Agents'. Below this navigation bar, the heading 'Cloud Vendors' is displayed. Underneath the heading, there is a grid of eight vendor logos, each in its own box. The vendors are arranged in two rows of four. The first row includes AWS, Microsoft Azure, Google Cloud Platform, and DigitalOcean. The second row includes Linode, Oracle Cloud, Red Hat OpenShift, and Yandex Cloud.

Zabbix Packages

Zabbix Cloud Images

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Zabbix Sources

Zabbix Agents

Cloud Vendors

AWS

Microsoft Azure

Google Cloud Platform

DigitalOcean

Linode

ORACLE

Oracle Cloud

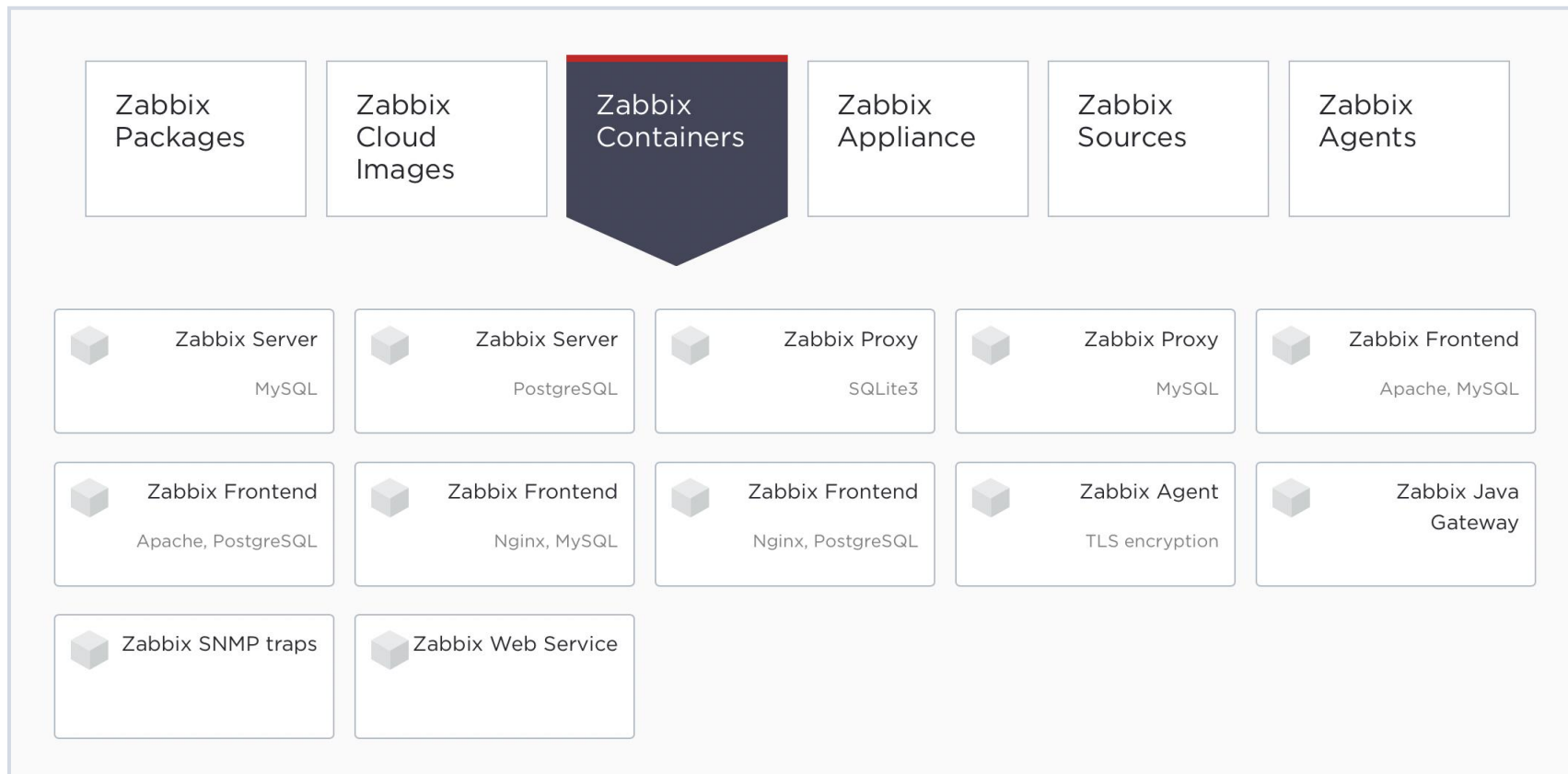
Red Hat OpenShift

Yandex Cloud

INSTALL ZABBIX IN 5 MINUTES

Zabbix from containers

► <https://www.zabbix.com/download>



INSTALL ZABBIX IN 5 MINUTES

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)			Download
Zabbix 6.0 LTS	6.0.1	Mar 01, 2022	VMWare (.vmx)			Download
Zabbix 6.0 LTS	6.0.1	Mar 01, 2022	Open virtualization format (.ovf)			Download
Zabbix 6.0 LTS	6.0.1	Mar 01, 2022	Microsoft Hyper-V 2012			Download
Zabbix 6.0 LTS	6.0.1	Mar 01, 2022	Microsoft Hyper-V 2008			Download
Zabbix 6.0 LTS	6.0.1	Mar 01, 2022	KVM, Parallels, QEMU, USB stick, VirtualBox, Xen (.raw)			Download
Zabbix 6.0 LTS	6.0.1	Mar 01, 2022	KVM, QEMU (.qcow2)			Download

INSTALL ZABBIX IN 5 MINUTES

Zabbix installation from sources

► More details in Zabbix documentation

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Zabbix 6.0 LTS



Zabbix 5.4

Zabbix 5.0 LTS

Zabbix 4.0 LTS

Pre-Release

Unsupported Versions

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

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

INSTALL ZABBIX IN 5 MINUTES

Zabbix agent

Zabbix Packages

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☒ 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: 6.0.1

- More details in Zabbix documentation



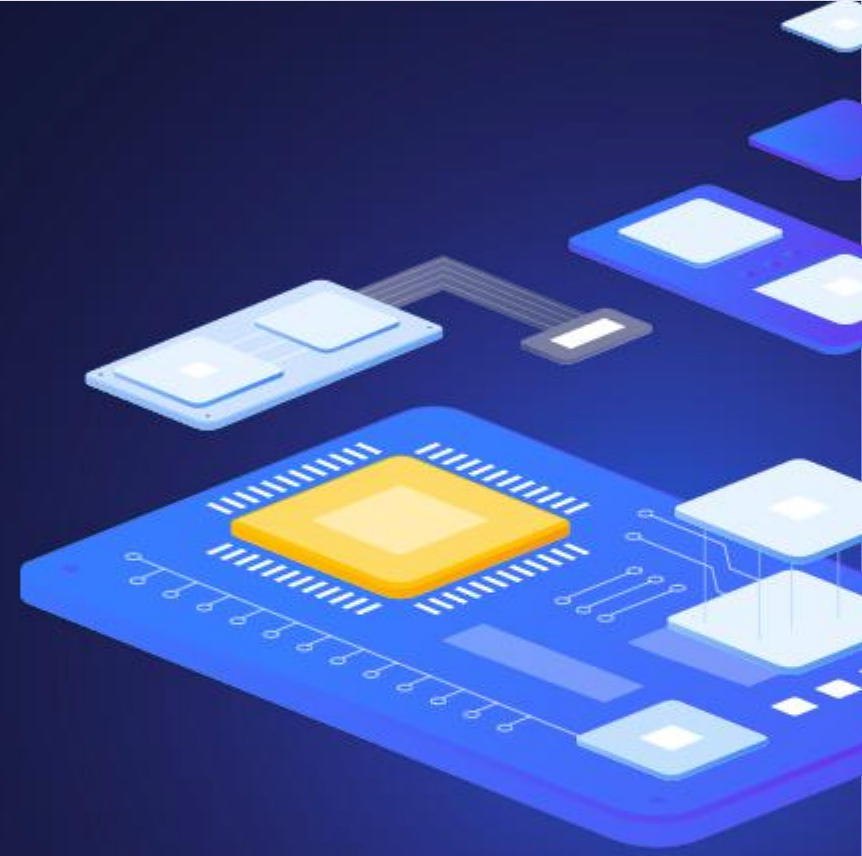
INSTALL ZABBIX IN 5 MINUTES

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

2

Installation process



INSTALL ZABBIX IN 5 MINUTES

- › `setenforce 0`
- › `dnf install -y https://download.postgresql.org/pub/repos/yum/repos/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`

INSTALL ZABBIX IN 5 MINUTES

```
› 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
```

INSTALL ZABBIX IN 5 MINUTES

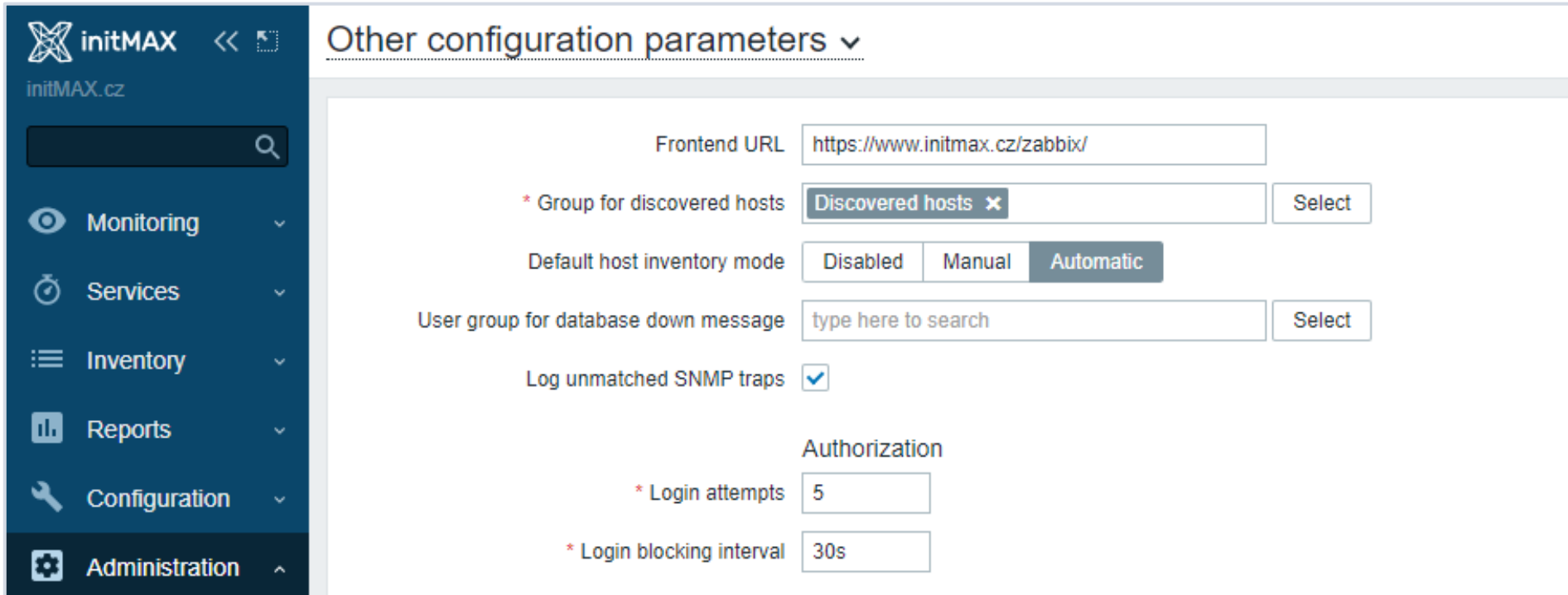
- › `nano /etc/zabbix/zabbix_server.conf`
- › ...
- › `DBPassword=password`
- › `StartReportWriters=1`
- › `WebServiceURL=http://localhost:10053/report`
- › ...
- › `dnf install glibc-langpack-cs.x86_64 glibc-langpack-sk.x86_64`
- › `systemctl restart zabbix-server zabbix-web-service zabbix-agent httpd php-fpm`
- › `systemctl enable zabbix-server zabbix-web-service zabbix-agent httpd php-fpm`
- › `less /var/log/zabbix/zabbix_server.log`

INSTALL ZABBIX IN 5 MINUTES


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 'Other configuration parameters' section of the initMAX Zabbix web interface. The left sidebar contains the initMAX logo, the URL 'initMAX.cz', a search bar, and a menu with items: Monitoring, Services, Inventory, Reports, Configuration, and Administration. The main content area is titled 'Other configuration parameters' with a dropdown arrow. It contains several configuration fields: 'Frontend URL' with the value 'https://www.initmax.cz/zabbix/'; '* Group for discovered hosts' with a dropdown menu showing 'Discovered hosts' and a 'Select' button; 'Default host inventory mode' with radio buttons for 'Disabled', 'Manual', and 'Automatic' (which is selected); 'User group for database down message' with a search input and a 'Select' button; 'Log unmatched SNMP traps' with a checked checkbox; and an 'Authorization' section with '* Login attempts' set to '5' and '* Login blocking interval' set to '30s'.

initMAX << 

initMAX.cz

Monitoring ▾

Services ▾

Inventory ▾

Reports ▾

Configuration ▾

Administration ^

Other configuration parameters ▾

Frontend URL

* Group for discovered hosts

Default host inventory mode ☐ Disabled ☐ Manual ☒ Automatic

User group for database down message

Log unmatched SNMP traps ☒

Authorization

* Login attempts

* Login blocking interval

3

Demonstration



4

Questions



INSTALL ZABBIX IN 5 MINUTES

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