



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

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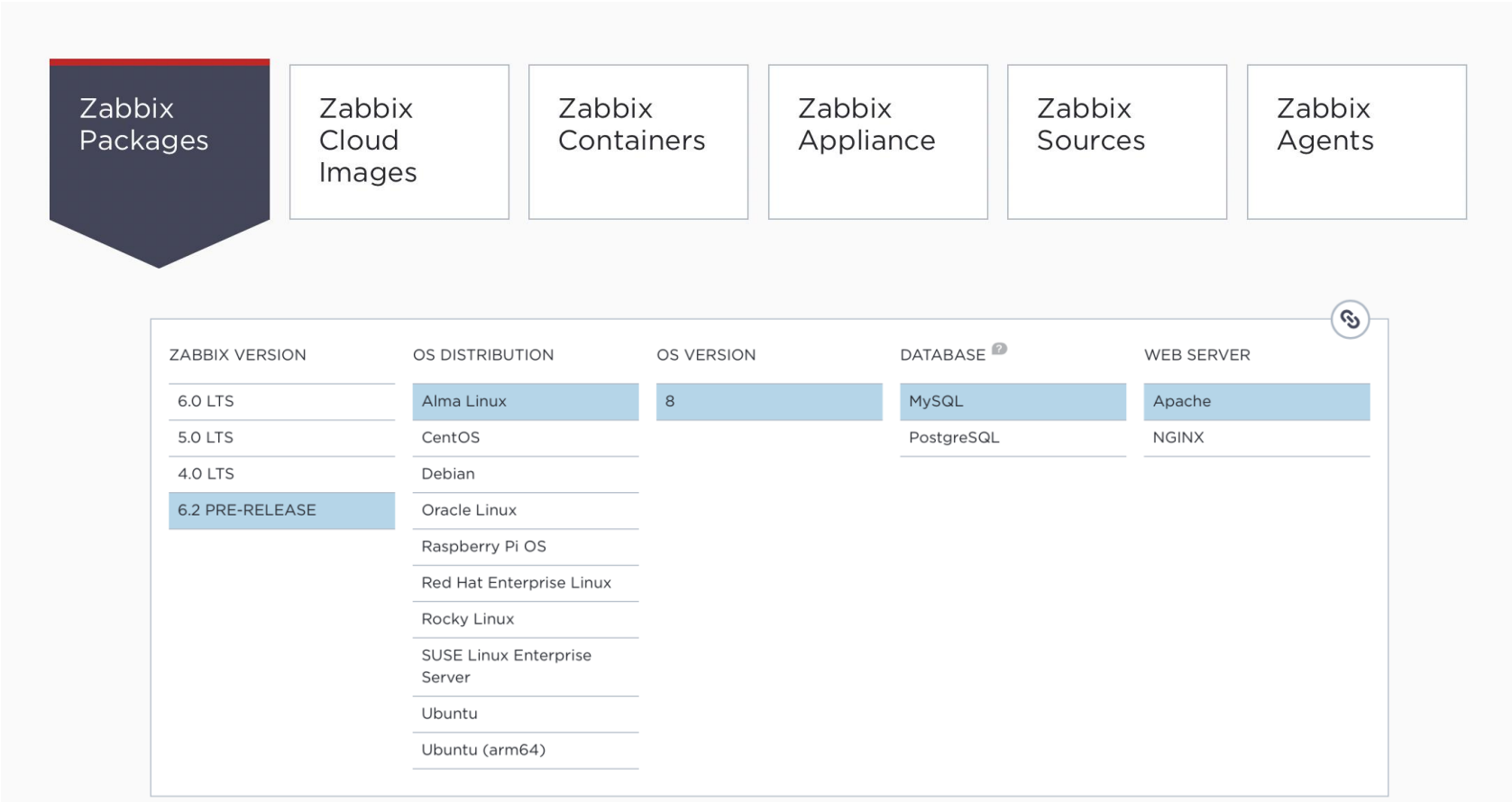
Možnosti instalace



Install zabbix in 5 minutes

Zabbix installation and configuration

► <https://www.zabbix.com/download>



The screenshot displays the Zabbix download page with several navigation options and a configuration table.

Navigation Options:

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

Configuration Table:

ZABBIX VERSION	OS DISTRIBUTION	OS VERSION	DATABASE [?]	WEB SERVER
6.0 LTS	Alma Linux	8	MySQL	Apache
5.0 LTS	CentOS		PostgreSQL	NGINX
4.0 LTS	Debian			
6.2 PRE-RELEASE	Oracle Linux			
	Raspberry Pi OS			
	Red Hat Enterprise Linux			
	Rocky Linux			
	SUSE Linux Enterprise Server			
	Ubuntu			
	Ubuntu (arm64)			

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Zabbix cloud images

► <https://www.zabbix.com/download>

Zabbix
Packages

Zabbix
Cloud
Images

Zabbix
Containers

Zabbix
Appliance

Zabbix
Sources

Zabbix
Agents

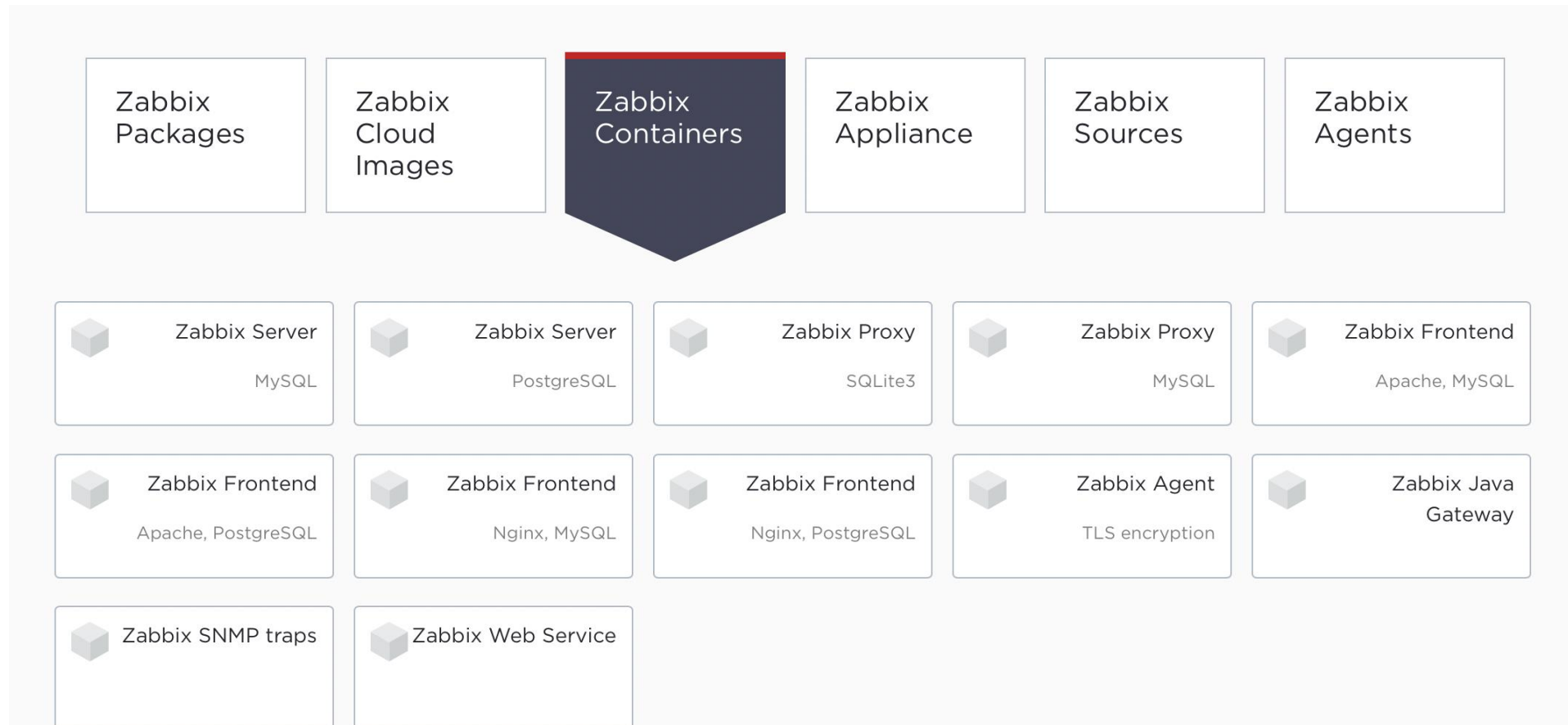
Cloud Vendors



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 6.2

Zabbix 5.0 LTS

Zabbix 4.0 LTS

Version	Release	Date	Platform	Release Notes	Zabbix Manual	Download
Zabbix 6.2	6.2.0rc1	Jun 09, 2022	Installation CD/DVD (.iso)	Release Notes	Zabbix Manual	Download
Zabbix 6.2	6.2.0rc1	Jun 09, 2022	VMWare (.vmx)	Release Notes	Zabbix Manual	Download
Zabbix 6.2	6.2.0rc1	Jun 09, 2022	Open virtualization format (.ovf)	Release Notes	Zabbix Manual	Download
Zabbix 6.2	6.2.0rc1	Jun 09, 2022	Microsoft Hyper-V 2012	Release Notes	Zabbix Manual	Download
Zabbix 6.2	6.2.0rc1	Jun 09, 2022	Microsoft Hyper-V 2008	Release Notes	Zabbix Manual	Download
Zabbix 6.2	6.2.0rc1	Jun 09, 2022	KVM, Parallels, QEMU, USB stick, VirtualBox, Xen (.raw)	Release Notes	Zabbix Manual	Download
Zabbix 6.2	6.2.0rc1	Jun 09, 2022	KVM, QEMU (.qcow2)	Release Notes	Zabbix Manual	Download

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Zabbix installation from sources

► More details in Zabbix documentation

Zabbix Packages

Zabbix Cloud Images

Zabbix Containers

Zabbix Appliance

Zabbix Sources

Zabbix Agents

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	6.2.0rc1	Jun 09, 2022			Download
Zabbix 6.0 LTS Server, Proxy, Agent, GUI	6.0.5rc1	May 25, 2022			Download
Zabbix 4.0 LTS Server, Proxy, Agent, GUI	4.0.41rc1	May 23, 2022			Download
Zabbix 5.0 LTS Server, Proxy, Agent, GUI	5.0.24rc1	May 23, 2022			Download

Install zabbix in 5 minutes

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	MSI
Linux		i386	5.4	No encryption	Archive
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: 6.0.5

Install zabbix in 5 minutes

Docker

► More details in Zabbix documentation

ZABBIX Zabbix Documentation 6.0 6.0 (current) English Search

Zabbix documentation

Zabbix Manual

1. Introduction

2. Definitions

3. Zabbix processes

4. Installation

1 Getting Zabbix

2 Requirements

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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 6.0.0

11 Upgrade notes for 6.0.1

5. Quickstart

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.

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Examples

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**

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Postup instalace



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 postgresql14-server`
- › `/usr/pgsql-14/bin/postgresql-14-setup initdb`
- › `systemctl enable postgresql-14 --now`

- › `rpm -Uvh http://repo.zabbix.com/zabbix/6.1/rhel/8/x86\_64/zabbix-release-6.1-2.el8.noarch.rpm`
- › `dnf clean all`
- › `dnf module enable php:7.4 -y`
- › `dnf install zabbix-server-psql zabbix-web-psql zabbix-apache-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/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-14-2.7.0 timescaledb-2-loader-postgresql-14-2.7.0 -y
› nano /var/lib/pgsql/14/data/postgresql.conf
› ...
› shared_preload_libraries = 'timescaledb'
› ...
› systemctl restart postgresql-14.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
› HANodeName=initMAX
› ...

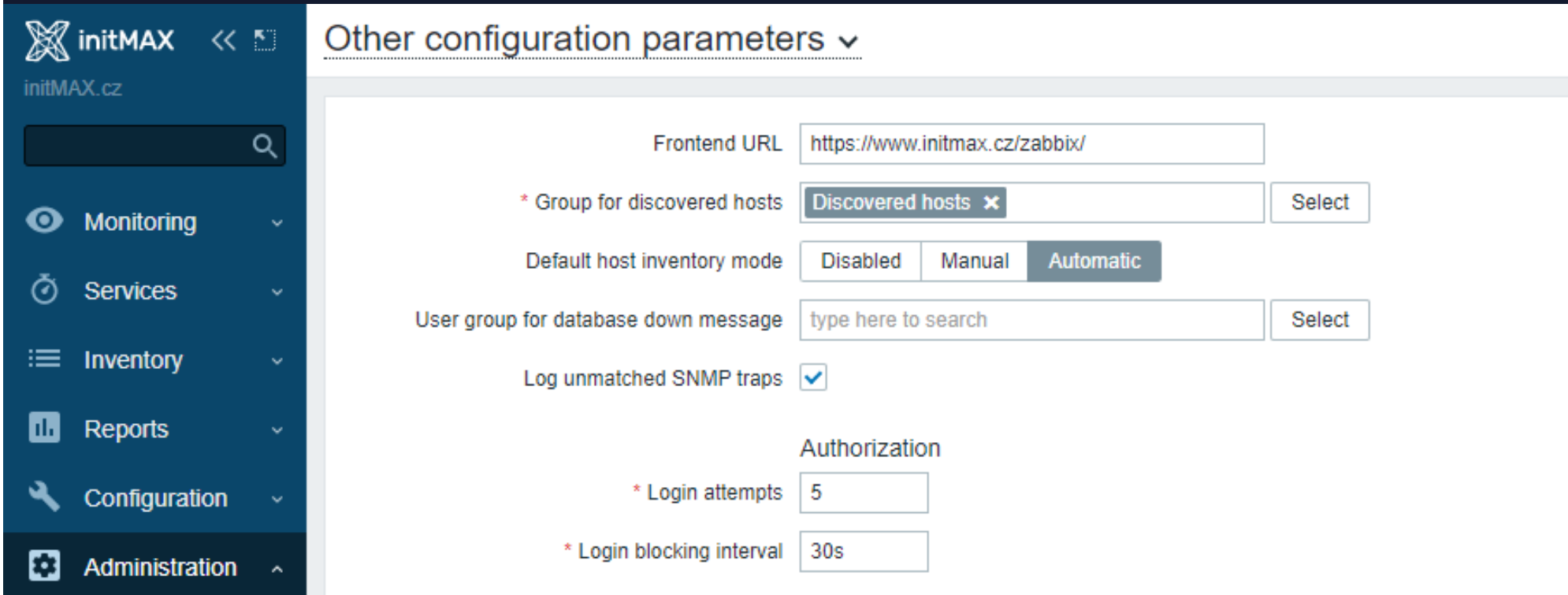
› dnf install glibc-langpack-cs.x86_64 glibc-langpack-sk.x86_64
› systemctl restart zabbix-server zabbix-web-service zabbix-agent2 httpd php-fpm
› systemctl enable zabbix-server zabbix-web-service zabbix-agent2 httpd php-fpm
› less /var/log/zabbix/zabbix_server.log
```

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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 'Other configuration parameters' section of the Zabbix frontend. 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' (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

Search 

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

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Praktická ukázka





Questions?



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