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- 
  - UNIX
  - Windows
  - .
  - 
- 
- Web-

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- Astra Linux Special Edition .10015-01 ( 1.7), .10015-10
- Astra Linux Special Edition .10015-17
- Astra Linux Special Edition .10015-37 ( 7.7)
- Astra Linux Special Edition .10015-03 ( 7.6)
- Astra Linux Special Edition .10152-02 ( 4.7)
- Astra Linux Special Edition .10015-01 ( 1.6)
- Astra Linux Special Edition .10015-16 . 1
- Astra Linux Special Edition .10015-16 . 2
- Astra Linux Special Edition .10265-01 ( 8.1)
- Astra Linux Common Edition 2.12

, , Astra Linux Zabbix, web- Apache, (MySQL, Oracle, PostgreSQL, SQLite) PHP.

Zabbix . Zabbix, Zabbix web-. web- :

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- ;
- ;
- ;
- .

Zabbix :

- --- , , , , . , , ;
- --- ;
- --- . Zabbix ;
- --- , Zabbix , ;
- **Web-** --- Zabbix .

Zabbix PostgreSQL MySQL.
Zabbix (. synaptic) .

Zabbix PostgreSQL :

```
sudo apt install zabbix-server-pgsql zabbix-frontend-php
```

Zabbix MySQL :

```
sudo apt install zabbix-server-mysql zabbix-frontend-php
```

PostgreSQL, :

```
psql -U <username>
create database zabbix;

cd database/postgresql
```

```
psql -U <username> zabbix < schema.sql
psql -U <username> zabbix < images.sql
psql -U <username> zabbix < data.sql
```

PostgreSQL:

```
zcat /usr/share/zabbix-server-pgsql/create.sql.gz | psql -U <username>
zabbix
```

zabbix_server.conf:

```
DBHost=localhost
DBName=zabbix
DBUser=zabbix
DBPassword=<>
```

DBPassword PostgreSQL.

:

| | |
|---|---|
| AllowRoot | root. root ( "0"), root, zabbix. , . --- 0. |
| CacheSize | , . 128 8, - 8. |
| CacheUpdateFrequency | , . 1 3600 , --- 60 . |
| DBHost | . PostgreSQL . --- localhost. |
| DBName | . . |
| DBPassword | . |
| DBPort | , localhost. --- 3306. |
| DBSchema | . |
| DBUser | . |
| HousekeepingFrequency | , . 0 24 ., --- 1 . |

. :

```
sudo systemctl start zabbix-server
```

, systemctl:

```
sudo systemctl stop zabbix-server
sudo systemctl restart zabbix-server
systemctl status zabbix-server
```

UTF-8 (. ), .

, .

| | |
|---|---|
| -c --config <> | . /usr/local/etc/zabbix_server.conf. |
| -R --runtime-control <> | |
| config_cache_reload | . , . : zabbix_server -c /usr/local/etc/zabbix_server.conf -R config_cache_reload |
| housekeeper_execute | . , . : zabbix_server -c /usr/local/etc/zabbix_server.conf -R housekeeper_execute |
| log_level_increase[=<>] | , , . , , : zabbix_server -c /usr/local/etc/zabbix_server.conf -R log_level_increase<br>zabbix_server -c /usr/local/etc/zabbix_server.conf -R log_level_increase=1234<br>zabbix_server -c /usr/local/etc/zabbix_server.conf -R log_level_increase=poller,2 |
| log_level_decrease[=<>] | , , . , , : zabbix_server -c /usr/local/etc/zabbix_server.conf -R log_level_decrease="http poller" |

:

- ;
- , .

. <<Zabbix >> <<Zabbix ()>>.

## UNIX

UNIX- :

```
sudo apt install zabbix-agent
```

UNIX , :

```
sudo systemctl start zabbix-agent
```

, UNIX systemct:

```
sudo systemctl stop zabbix-agent
sudo systemctl restart zabbix-agent
systemctl status zabbix-agent
```

## Windows

Windows Windows. Windows zip-.
bin\win64\zabbix_agentd.exe conf\zabbix_agentd.win.conf zip- , , C:\zabbix.

- c:\zabbix\zabbix_agentd.win.conf.

Windows :

```
C:\> c:\zabbix\zabbix_agentd.exe -c c:\zabbix\zabbix_agentd.win.conf -i
```

.

:

| | |
|---|---|
| AllowRoot | UNIX. root. root ( "0") , root, zabbix. , . --- 0. |
| EnableRemoteCommands | , :<br>• 0 — ;<br>• 1 --- . |
| Hostname | .<br>, . |
| ListenIP | IP-, , . |
| ListenPort | , . |
| LogFile | . , file (. LogType). |
| LogType | :<br>• file --- , LogFile;<br>• system--- syslog ( UNIX) Windows ( Windows);<br>• console --- |
| Server | IP- , .<br>, . |
| TLSAccept | TLS- PSK, --- .<br>, .<br>.<br>, :<br>• unencrypted --- ( );<br>• psk --- TLS pre-shared (PSK);<br>• cert --- TLS |
| TLSConnect | TLS- PSK, --- .<br>.<br>. :<br>• unencrypted --- ( );<br>• psk --- , TLS pre-shared (PSK);<br>• cert --- , TLS |
| User | () .<br>--- zabbix.<br>root, AllowRoot |

, , :

| | |
|---|---|
| **Unix Windows** | |
| -c --config <_>\| | , , .<br>UNIX /usr/local/etc/zabbix_agentd.conf.<br>Windows --- c:\zabbix_agentd.conf. |
| -p --print | |

| | |
|---|---|
| -t --test <__> | . |
| **UNIX** | |
| -R --runtime-control <> | . |
| log_level_increase[=<>] | , , .<br>, , :<br>zabbix_agentd -R log_level_increase<br>zabbix_agentd -R log_level_increase=1234\|<br>zabbix_agentd -R log_level_increase=listener,2 |
| log_level_decrease[=<>] | , , .<br>, , :<br>zabbix_agentd -R log_level_decrease="active checks" |
| **Windows** | |
| -m --multiple-agents | ( -i,-d,-s,-x ).<br>Hostvalue |
| -i --install | |
| -d --uninstall | |
| -s --start | |
| -x --stop | |

. PostgreSQL :

```
sudo apt install zabbix-proxy-pgsql
```

PostgreSQL, :

```
psql -U <username>
create database zabbix;
\q
cd database/postgresql
psql -U <username> zabbix < schema.sql
```

PostgreSQL:

```
zcat /usr/share/doc/zabbix-proxy-pgsql/create.sql.gz | psql -U <username>
zabbix
```

zabbix_proxy.conf.

DBHost=localhost
DBName=zabbix
DBUser=zabbix
DBPassword=<>

DBPassword PosgreSQL.

:

| | |
|---|---|
| | |

| | |
|---|---|
| AllowRoot | root.<br>root ( <<0>>), root, zabbix.<br>. --- 0. |
| CacheSize | , .<br>128 8, --- 8. |
| ConfigFrequency | , .<br>, (. ProxyMode).<br>1 604800 ., --- 3600 . |
| DBHost | .<br>PostgreSQL .<br>--- localhost. |
| DBName | . . . |
| DBPassword | . |
| DBPort | , localhost. --- 3306. |
| DBSchema | . |
| DBUser | . |
| DataSenderFrequency | , .<br>, (. ProxyMode\|). 1 3600 ., --- 1 . |
| Hostname | . |
| HousekeepingFrequency | , .<br>0 24 ., --- 1 . |
| ProxyMode | :<br>• 0 --- ;<br>• 1 --- |
| Server | IP- .<br>, (. ProxyMode). |
| TLSAccept | TLS- PSK, --- . , . , .<br>, :<br>• unencrypted --- ( );<br>• psk --- TLS pre-shared (PSK);<br>• cert --- TLS |
| TLSConnect | TLS- PSK, --- . . , .<br>:<br>• unencrypted --- ( );<br>• psk --- , TLS pre-shared (PSK);<br>• cert --- , TLS |

. :

```
systemctl start zabbix-proxy
```

, :

```
sudo systemctl stop zabbix-proxy
sudo systemctl restart zabbix-proxy
systemctl status zabbix-proxy
```

zabbix-proxy:

| | |
|---|---|
| -c --config <> | .<br>/etc/zabbix/zabbix_proxy.conf. |
| -R --runtime-control <> | |
| config_cache_reload | .<br>, .<br>:<br>zabbix_proxy -c /usr/local/etc/zabbix_proxy.conf -R config_cache_reload |
| housekeeper_execute | .<br>, :<br>zabbix_proxy -c /usr/local/etc/zabbix_proxy.conf -R housekeeper_execute |
| log_level_increase[=<>] | , , .<br>, , :<br>zabbix_proxy -c /usr/local/etc/zabbix_proxy.conf -R log_level_increase<br>zabbix_proxy -c /usr/local/etc/zabbix_proxy.conf -R log_level_increase=1234<br>zabbix_proxy -c /usr/local/etc/zabbix_proxy.conf -R log_level_increase=poller,2 |
| log_level_decrease[=<>] | , , .<br>, , :<br>zabbix_proxy -c /usr/local/etc/zabbix_proxy.conf -R log_level_decrease="http poller" |

# Web-

Zabbix web-. web- php- HTML web-:

```
sudo cp -r /usr/share/zabbix /var/www/html
```

:

- URL Zabbix http://<ip___>/zabbix ( http://localhost/zabbix) web-f, web-;
- . ;
- ;
- ;
- zabbix.conf.php /etc/zabbix. web- /etc/zabbix, );
- .

Admin zabbix.