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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 zabbix_server -c /usr/local/etc/zabbix_server.conf -R log_level_increase=1234 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	, : • 0 — ; • 1 --- .
Hostname	. , .
ListenIP	IP-, , .
ListenPort	, .
LogFile	. , file (. LogType).
LogType	: • file --- , LogFile; • system--- syslog (UNIX) Windows (Windows); • console ---
Server	IP- , . , .
TLSAccept	TLS- PSK, --- . , . . , : • unencrypted --- ( ); • psk --- TLS pre-shared (PSK); • cert --- TLS
TLSConnect	TLS- PSK, --- . . . : • unencrypted --- ( ); • psk --- , TLS pre-shared (PSK); • cert --- , TLS
User	() . --- zabbix. root, AllowRoot

, , :

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

-t --test <__>	.
UNIX	
-R --runtime-control <>	.
log_level_increase[=<>]	, , . , , : zabbix_agentd -R log_level_increase zabbix_agentd -R log_level_increase=1234| zabbix_agentd -R log_level_increase=listener,2
log_level_decrease[=<>]	, , . , , : zabbix_agentd -R log_level_decrease="active checks"
Windows	
-m --multiple-agents	(-i,-d,-s,-x). 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. root (<<0>>), root, zabbix. . --- 0.
CacheSize	, . 128 8, --- 8.
ConfigFrequency	, . , (. ProxyMode). 1 604800 ., --- 3600 .
DBHost	. PostgreSQL . --- localhost.
DBName	. . .
DBPassword	.
DBPort	, localhost. --- 3306.
DBSchema	.
DBUser	.
DataSenderFrequency	, . , (. ProxyMode|). 1 3600 ., --- 1 .
Hostname	.
HousekeepingFrequency	, . 0 24 ., --- 1 .
ProxyMode	: • 0 --- ; • 1 ---
Server	IP- . , (. ProxyMode).
TLSAccept	TLS- PSK, --- . , . , . , : • unencrypted --- ( ); • psk --- TLS pre-shared (PSK); • cert --- TLS
TLSConnect	TLS- PSK, --- . . , . : • unencrypted --- ( ); • psk --- , TLS pre-shared (PSK); • cert --- , TLS

. :

```
systemctl start zabbix-proxy
```

, :

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

zabbix-proxy:

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