

- 

```
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"

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

UNIX

UNIX- :

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

UNIX , :

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

, UNIX systemctl:

```
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 PostgreSQL.

:

--	--

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.