

- 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

Zabbix . Zabbix, Zabbix web-. web- :

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

## Zabbix PostgreSQL :

## Zabbix MySQL :

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.<br>root ("0"), root, zabbix.<br>, . --- 0. |
| CacheSize             | 128 8, - 8.                                      |
| CacheUpdateFrequency  | 1 3600, --- 60 .                                 |
| DBHost                | . PostgreSQL .<br>--- localhost.                 |
| DBName                | . .                                              |
| DBPassword            | .                                                |
| DBPort                | , localhost.<br>--- 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 <>          | .<br>/usr/local/etc/zabbix_server.conf.                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -R --runtime-control <> |                                                                                                                                                                                                                                                              |
| config_cache_reload     | . , .<br>:<br>zabbix_server -c /usr/local/etc/zabbix_server.conf -R config_cache_reload                                                                                                                                                                      |
| housekeeper_execute     | . , .<br>:<br>zabbix_server -c /usr/local/etc/zabbix_server.conf -R housekeeper_execute                                                                                                                                                                      |
| log_level_increase[=<>] | . , .<br>:<br>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[=<>] | . , .<br>:<br>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 | , :<br><ul style="list-style-type: none"><li>• 0 — ;</li><li>• 1 --- .</li></ul>                                                                                      |
| Hostname             | .<br>, .                                                                                                                                                              |
| ListenIP             | IP-, , .                                                                                                                                                              |
| ListenPort           | , .                                                                                                                                                                   |
| LogFile              | . , file (. LogType).                                                                                                                                                 |
| LogType              | :<br><ul style="list-style-type: none"><li>• file --- , LogFile;</li><li>• system--- syslog ( UNIX) Windows ( Windows);</li><li>• console ---</li></ul>               |
| Server               | IP- , .<br>, .                                                                                                                                                        |
| TLSAccept            | TLS- PSK, --- .<br>, .<br>, :<br><ul style="list-style-type: none"><li>• unencrypted --- ();</li><li>• psk --- TLS pre-shared (PSK);</li><li>• cert --- TLS</li></ul> |
| TLSConnect           | TLS- PSK, --- .<br>. :<br><ul style="list-style-type: none"><li>• unencrypted --- ();</li><li>• psk --- , TLS pre-shared (PSK);</li><li>• cert --- , TLS</li></ul>    |
| User                 | () .<br>--- zabbix.<br>root, AllowRoot                                                                                                                                |

, , :

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

|                         |                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| -t --test <_>           | .                                                                                                                                                |
| <b>UNIX</b>             |                                                                                                                                                  |
| -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"                                                                                |
| <b>Windows</b>          |                                                                                                                                                  |
| -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 PostgreSQL.

:

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

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

. :

```
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>:<br>zabbix_proxy -c /usr/local/etc/zabbix_proxy.conf -R config_cache_reload                                                                                                                                                                   |
| housekeeper_execute     | .<br>;<br>:<br>:<br>zabbix_proxy -c /usr/local/etc/zabbix_proxy.conf -R housekeeper_execute                                                                                                                                                                   |
| log_level_increase[=<>] | . , , .<br>:<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>:<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.