Zabbix Astra Linux SE



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- c
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  - Parsec
  -
  - Apache2
  - PostgreSQL
- zabbix
  - zabbix:
  - WEB- zabbix
- zabbix

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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)
  20210611SE16 (7)
- 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 2.12.43

Zabbix - Apache, , PHP. Zabbix WEB-. WEB- Zabbix :

Apache	1.3.12	
PHP	5.4.0	
PHP:		
gd	2.0	PHP GD PNG (*--with-png-dir*), JPEG (*--with-jpeg-dir*) FreeType 2 (*--with-freetype-dir*).
bcmath		php-bcmath (*--enable-bcmath*)
ctype		php-ctype (*--enable-ctype*)
libXML	2.6.15	php-xml php5-dom, .
xmlreader		php-xmlreader, .
xmlwriter		php-xmlwriter, .
session		php-session, .
sockets		php-net-socket (*--enable-sockets*). .
mbstring		php-mbstring (*--enable-mbstring*)
gettext		php-gettext (*--with-gettext*). .
ldap		php-ldap. , - LDAP .
ibm_db2		, IBM DB2 Zabbix.
mysqli		, MySQL Zabbix.
oci8		, Oracle Zabbix.
pgsql		, PostgresSQL Zabbix.

, .

libpcre		PCRE PCRE . GNU/Linux , 'libpcre3' 'libpcre1'. , PCRE(v8.X), PCRE2(v10.X) .

libevent		IPMI . 1.4 . , Zabbix , IPMI .
OpenIPMI		IPMI
libssh2		SSH. 1.0 .
fping		ICMP .
libcurl		-, VMware SMTP . SMTP , 7.20.0 . Elasticsearch.
libiksemel		Jabber.
libxml2		VMware.
net-snmp		SNMP.

C

Zabbix:

	( )
Zabbix	. 10 .
	*(/)*24*3600* : : : : , , , 90
	*(/3600)*24*3600* : : : , , , 90 .
	**24*3600* : . (1) . : : , , , 170 .

Parsec

Parsec /etc/parsec/mswitch.conf zero_if_notfound yes:

```
# Return zero data instead of ENOENT/ENODATA in the absence of record
zero_if_notfound: yes
```

, , , .

:

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

Apache2

/etc/php/*/apache2/php.ini "' " date.timezone , Europe/Moscow

/etc/php/*/apache2/php.ini

```
[Date]
date.timezone = Europe/Moscow
```

/etc/hosts

/etc/hosts

```
127.0.0.1        localhost
#127.0.1.1        astra16
192.168.32.218        astra16.example.com        astra16
```

Astra Linux Special Edition /etc/apache2/apache2.conf :

/etc/apache2/apache2.conf

```
AstraMode off
```

apache2:

```
sudo systemctl reload apache2
```

PostgreSQL

/etc/postgresql/*/main/pg_hba.conf:

/etc/postgresql/*/main/pg_hba.conf

```
# TYPE  DATABASE        USER            ADDRESS                 METHOD
local        zabbix
zabbix                                                                  trust
# IPv4 local connections:
host        zabbix                        zabbix                        127.0.0.1/32
trust
```

:

```
sudo systemctl restart postgresql
```

zabbix:

```
sudo -u postgres psql
```

```
CREATE DATABASE ZABBIX;
CREATE USER zabbix WITH ENCRYPTED PASSWORD '12345678';
GRANT ALL ON DATABASE zabbix to zabbix;
\q
```

zabbix

zabbix:

Astra Linux Common Edition, Astra Linux Special Edition .10015-01 1.6 20210611SE16 (7) (Astra Linux Special Edition x.7):

```
zcat /usr/share/zabbix-server-pgsql/{schema,images,data}.sql.gz | psql -h
localhost zabbix zabbix
sudo a2enconf zabbix-frontend-php
sudo systemctl reload apache2
```

Astra Linux Special Edition .10015-01 1.6 20210611SE16 (7):

```
gunzip -c /usr/share/doc/zabbix-server-pgsql/create.sql.gz > create.sql
psql -U zabbix -d zabbix -f create.sql
```

psql -U zabbix -d zabbix -f create.sql :

> psql: : error obtaining MAC configuration for user "zabbix"

:

```
usermod -a -G shadow postgres
setfacl -d -m u:postgres:r /etc/parsec/macdb
setfacl -R -m u:postgres:r /etc/parsec/macdb
setfacl -m u:postgres:rx /etc/parsec/macdb
setfacl -d -m u:postgres:r /etc/parsec/capdb
setfacl -R -m u:postgres:r /etc/parsec/capdb
setfacl -m u:postgres:rx /etc/parsec/capdb
pdpl-user -l 0:0 zabbix
```

`psql -U zabbix -d zabbix -f create.sql.`

WEB- zabbix

Astra Linux Common Edition, Astra Linux Special Edition .10015-01 1.6 20210611SE16 (7) (Astra Linux Special Edition x.7):

1. /etc/zabbix/zabbix.conf.php /usr/share/zabbix/conf/zabbix.conf.php.example /usr/share/doc/zabbix-frontend-php/examples/zabbix.conf.php.example:

   ```
   sudo cp /usr/share/zabbix/conf/zabbix.conf.php.example /etc/zabbix
   /zabbix.conf.php
   ```

2. :

   ```
   sudo chown www-data:www-data /etc/zabbix/zabbix.conf.php
   ```

3. /etc/zabbix/zabbix.conf.php TYPE ( ) PASSWORD (zabbix):

   ```
   $DB['TYPE'] = 'POSTGRESQL';

   ...
   $DB['PASSWORD'] = '<__zabbix_>';
   ```

4. apache2:

   ```
   sudo systemctl reload apache2
   ```

5. /etc/zabbix/zabbix_server.conf , zabbix, :

   ```
   DBPassword=<>
   ```

6. zabbix zabbix:

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

7. WEB- zabbix WEB-. : Admin ( ), : zabbix

```
firefox localhost/zabbix
```

zabbix

:

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

/etc/zabbix/zabbix_agentd.conf Server IP-:

/etc/zabbix/zabbix_agentd.conf

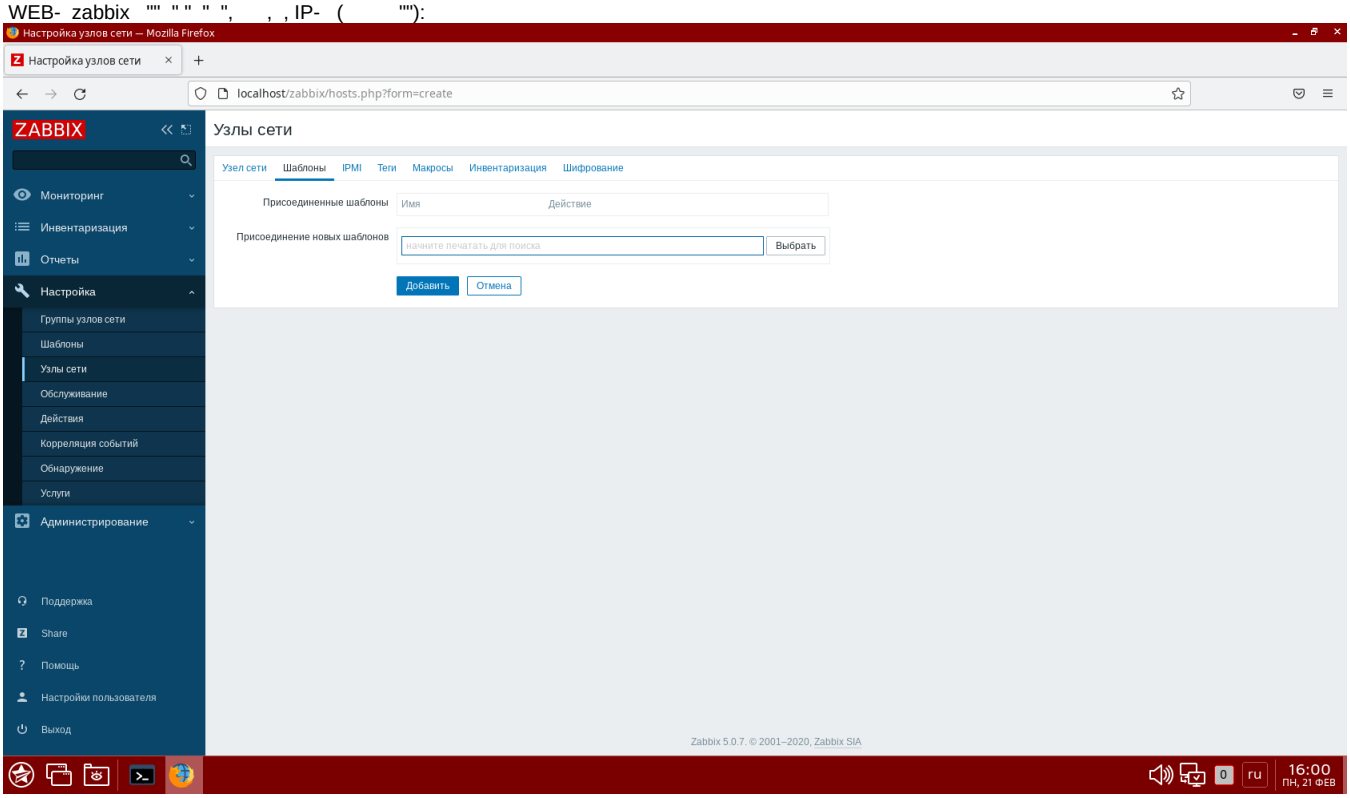
```
### Option: Server
#        List of comma delimited IP addresses, optionally in CIDR notation, or hostnames of Zabbix servers.
#        Incoming connections will be accepted only from the hosts listed here.
#        If IPv6 support is enabled then '127.0.0.1', '::127.0.0.1', '::ffff:127.0.0.1' are treated equally
and '::/0' will allow any IPv4 or IPv6 address.
#        '0.0.0.0/0' can be used to allow any IPv4 address.
#        Example: Server=127.0.0.1,192.168.1.0/24,::1,2001:db8::/32,zabbix.domain
#
# Mandatory: no
# Default:
# Server=

Server=192.168.32.218
```

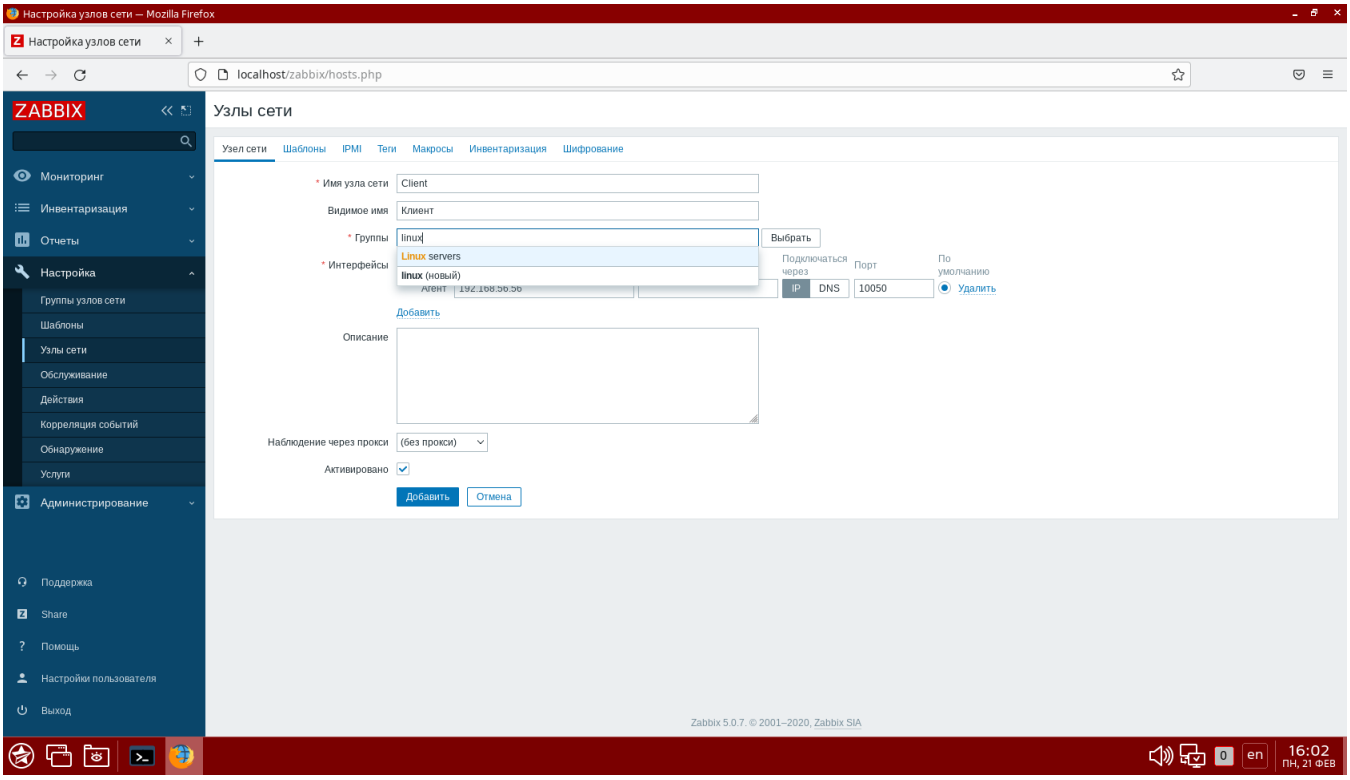
:

```
sudo systemctl restart zabbix-agent
```

WEB- zabbix "" " " " ", , , IP- (""):



"", " " ("lin..."), "Template OS Linux by Zabbix Agent"



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