

Zabbix Astra Linux SE



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- c
-
- - 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		, PostgreSQL Zabbix.

, .

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

<i>libevent</i>	IPMI . 1.4 . , Zabbix , IPMI .
<i>OpenIPMI</i>	IPMI
<i>libssh2</i>	SSH. 1.0 .
<i>fping</i>	ICMP .
<i>libcurl</i>	-, VMware SMTP . SMTP , 7.20.0 . Elasticsearch.
<i>libiksemel</i>	Jabber.
<i>libxml2</i>	VMware.
<i>net-snmp</i>	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
pdp1-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- (" "):

Настройка узлов сети — Mozilla Firefox

Настройка узлов сети x +

localhost/zabbix/hosts.php?form=create

ZABBIX

Узлы сети

Узел сети | Шаблоны | IPMI | Тег | Макросы | Инвентаризация | Шифрование

Присоединенные шаблоны: Имя Действие

Присоединение новых шаблонов:

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16:00 ПН, 21 ФЕВ

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

Настройка узлов сети — Mozilla Firefox

Настройка узлов сети x +

localhost/zabbix/hosts.php

ZABBIX

Узлы сети

Узел сети | Шаблоны | IPMI | Тег | Макросы | Инвентаризация | Шифрование

* Имя узла сети:

Видимое имя:

* Группы:

* Интерфейсы:

Подключаться через: ☒ ☐ Порт: По умолчанию: ☒

Описание:

Наблюдение через прокси:

Активировано: ☒

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16:02 ПН, 21 ФЕВ