

Установка phpIPAM

Клонирование кода phpIPAM из репозитория:

```
git clone --recursive https://github.com/phpipam/phpipam.git
/var/www/html/phpipam
cd /var/www/html/phpipam
git checkout -b 1.5 origin/1.5
```

Скопировать файл конфигурации config.dist.php в config.php

```
cd /var/www/html/phpipam
cp config.dist.php config.php
```

Отредактировать параметры секции отвечающей за подключение к СУБД в config.php:

```
* database connection details
*****/
$db['host'] = 'db-sql.virtlab.local'; #адрес сервера СУБД
$db['user'] = 'phpipam';
$db['pass'] = 'securepassword';
$db['name'] = 'phpipam';
$db['port'] = 3306;
```

Настроить модули Apache2:

```
a2dissite 000-default.conf
a2enmod rewrite
systemctl restart apache2
```

Если используется версия PHP7.4++, то в нем отключен модуль PEAR. Его необходимо установить вручную:

```
wget http://pear.php.net/go-pear.phar
/usr/bin/php7.4 go-pear.phar
```

Отвечаем на вопросы:

Below is a suggested **file** layout **for** your new PEAR installation. To change individual locations, **type** the number **in** front of the directory. Type **'all'** to change all of them or simply press Enter to accept these locations.

- | | |
|--|-----------------------------|
| 1. Installation base (\$prefix) | : /usr |
| 2. Temporary directory for processing | : /tmp/pear/ install |
| 3. Temporary directory for downloads | : /tmp/pear/ install |
| 4. Binaries directory | : /usr/bin |
| 5. PHP code directory (\$php_dir) | : /usr/share/pear |

```
6. Documentation directory           : /usr/docs
7. Data directory                   : /usr/data
8. User-modifiable configuration files directory : /usr/cfg
9. Public Web Files directory       : /usr/www
10. System manual pages directory   : /usr/man
11. Tests directory                 : /usr/tests
12. Name of configuration file      : /etc/pear.conf
```

1-12, 'all' or Enter to continue:

Beginning install...

Configuration written to /etc/pear.conf...

Initialized registry...

Preparing to install...

WARNING! The include_path defined in the currently used php.ini does not contain the PEAR PHP directory you just specified:

```
</usr/share/pear>
```

If the specified directory is also not in the include_path used by your scripts, you will have problems getting any PEAR packages working.

Would you like to alter php.ini </etc/php/7.4/cli/php.ini>? [Y/n] :

php.ini </etc/php/7.4/cli/php.ini> include_path updated.

```
Current include path      : ../usr/share/php
Configured directory      : /usr/share/pear
Currently used php.ini (guess) : /etc/php/7.4/cli/php.ini
```

Прописываем в файл /etc/php/7.4/apache2/php.ini значение «Current include path» из листинга выше:

```
; UNIX: "/path1:/path2"
include_path = "../usr/share/pear"
```

Создать конфигурационный файл /etc/apache2/sites-available/phpipam.conf

| [phpipam.conf](#)

```
<VirtualHost *:80>
    ServerAdmin admin@virtlab.local
    DocumentRoot "/var/www/html/phpipam"
    ServerName ipam.virtlab.local
    ServerAlias ipam
    <Directory "/var/www/html/phpipam">
        Options Indexes FollowSymLinks
        AllowOverride All
        Require all granted
    </Directory>
    ErrorLog "/var/log/apache2/phpipam-error_log"
    CustomLog "/var/log/apache2/phpipam-access_log" combined
```

```
</VirtualHost>
```

Выдать разрешения на каталог:

```
chown -R www-data:www-data /var/www/html
```

Включить сайт и перезагрузить службу:

```
a2ensite phpipam  
systemctl restart apache2
```

На узле с СУБД создать базу и пользователя:

```
mysql -u root -p  
Enter password:  
Welcome to the MariaDB monitor.  Commands end with ; or \g.  
  
MariaDB [(none)]> create database phpipam;  
MariaDB [(none)]> GRANT ALL on phpipam.* to phpipam@'%' identified by  
'securepassword';  
MariaDB [(none)]> exit
```

Перенести на узел СУБД файл db/SCHEMA.sql и выполнить заполнение базы:

```
mysql -u root -p phpipam < db/SCHEMA.sql
```

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