

Ubuntu

Install phpIPAM on Linux [Open source IP Address Management System]

Link naar de youtube video [Install phpIPAM on Linux \[Open source IP Address Management System\] - YouTube](#)

Installation

01. Log into the Linux device

02. Run the following commands in a terminal window:

update software repositories

```
sudo apt update
```

install available software updates

```
sudo apt upgrade -y
```

install prerequisites

```
sudo apt install curl wget zip git -y
```

install Apache HTTPD and MySQL

```
sudo apt install apache2 mariadb-server mariadb-client -y
```

install PHP components

```
sudo apt install php7.4 php7.4-curl php7.4-common php7.4-gmp php7.4-mbstring php7.4-gd  
php7.4-xml php7.4-mysql php7.4-ldap php-pear -y
```

configure the MySQL database

```
sudo su
```

```
mysql_secure_installation
```

03. Press Enter to login as root

04. Type N and press Enter to not switch to unix socket authentication

05. Type Y and press Enter to set a root password, type the password twice to confirm

06. Type Y and press Enter to remove anonymous users

07. Type Y and press Enter to disallow root login remotely

08. Type Y and press Enter to remove the test database

09. Type Y and press Enter to reload privilege tables

10. Run the following command to login into MySQL:

```
mysql -u root -p
```

11. Authenticate with the root password set earlier

12. Run the following commands to create the phpIPAM database and database user

```
CREATE DATABASE php_ipam;
```

```
GRANT ALL ON php_ipam.* to 'php_ipam_rw'@'localhost' IDENTIFIED BY 'P4P1p@m!!';
```

```
FLUSH PRIVILEGES;
```

```
EXIT;
```

```
exit
```

13. Continue with the following commands:

git clone phipipam to the webroot

```
sudo git clone https://github.com/phpipam/phpipam.git /var/www/html/phpipam
```

cd into the new directory

```
cd /var/www/html/phpipam
```

checkout the latest release

```
sudo git checkout "$(git tag --sort=v:tag | tail -n1)"
```

set the owner of the phipipam directory

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

copy sample config file

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

edit config.php

```
sudo nano /var/www/html/phpipam/config.php
```

14. Update the database connection details

```
$db['host'] = '127.0.0.1';
```

```
$db['user'] = 'php_ipam_rw';
```

```
$db['pass'] = 'P4P1p@m!!';
```

Ubuntu

```
$db['name'] = 'php_ipam';
$db['port'] = 3306;
15. Below the database connection, add the following line to define the BASE variable
define('BASE', "/phpipam/");
16. Press CTRL+O, Enter, CTRL+X to write the changes
17. Continue with the following commands:
# enable mod_rewrite
sudo a2enmod rewrite
# restart apache2 service
sudo systemctl restart apache2
```

phpIPAM Web Installer

01. Open a web browser and navigate to http://DNSorIP/phpipam
02. The phpipam Installation web installer should be load
03. Click the New phpipam installation button
04. Click the Automatic database installation button
05. Complete the database form as follows
MySQL/MariaDB username: php_ipam_rw
MySQL/MariaDB password: P4P1p@m!!
MySQL/MariaDB database location: 127.0.0.1
MySQL/MariaDB database name: php_ipam
06. Click the Show advanced options button
07. Uncheck Create new database and Set permissions to tables >> Click the Install phpipam database button
08. Once the database is initialized, click the Continue button
09. Enter and confirm an admin user password >> Click Save settings
10. Click the Proceed to login button
11. Login with the username admin and the admin password set earlier
12. Welcome to phplIPAM

Unieke FAQ ID: #1161

Auteur: diode

Laatst bijgewerkt:27-06-2023 19:34