

GNU/Linux Administration - Support #970

Install Grocy on Arch Linux

02/14/2022 05:24 PM - Daniel Curtis

Status:	In Progress	Start date:	02/14/2022
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Web Server	Estimated time:	0.00 hour
Target version:	Arch Linux	Spent time:	0.00 hour

Description

This is a guide for installing Grocy with Nginx on Arch Linux.

Prepare the Environment

- Make sure the system is up to date:

```
sudo pacman -Syu
```

- Install a few dependencies:

```
sudo pacman -S git nginx
```

Install PHP

- Install php and additional required packages:

```
sudo pacman -S php php-fpm php-sqlite php-gd php-intl composer yarn
```

- Edit the php config:

```
sudo nano /etc/php/php.ini
```

- And enable the following extensions:

```
extension=gd  
extension=intl  
extension=sqlite3  
extension=pdo_sqlite  
extension=iconv
```

- Start and enable php-fpm at boot:

```
sudo systemctl enable php-fpm  
sudo systemctl start php-fpm
```

Install Grocy

- Download grocy and switch to grocy user:

```
sudo mkdir -p /var/www && cd /var/www
sudo git clone -b release https://github.com/grocy/grocy.git
chown -R http /var/www/grocy
sudo su - grocy
```

- Install grocy:

```
cd /var/www/grocy
composer install --no-interaction --no-dev --optimize-autoloader
composer clear-cache
yarn install --modules-folder public/node_modules --production
yarn cache clean
```

- Create a new config file:

```
cp config-dist.php data/config.php
```

- Exit the grocy user:

```
exit
```

Install Nginx

- Start and enable nginx at boot:

```
systemctl enable nginx
systemctl start nginx
```

- Create a configuration directory to make managing individual server blocks easier

```
mkdir /etc/nginx/conf.d
```

- Edit the main nginx config file:

```
sudo nano /etc/nginx/nginx.conf
```

- And strip down the config file and add the include statement at the end:

```
worker_processes 1;
error_log /var/log/nginx-error.log;

events {
    worker_connections 1024;
}

http {
    include mime.types;
    default_type application/octet-stream;
    sendfile on;
    keepalive_timeout 65;

    include /etc/nginx/conf.d/*.conf;
}
```

- Create the grocy config:

```
sudo nano /etc/nginx/conf.d/grocy.conf
```

- And add the following:

```
server {
    listen      80;
    server_name grocy.example.com;
    root        /var/www/grocy/public;
    access_log  /var/log/grocy-access.log;
    error_log   /var/log/grocy-error.log;

    location / {
        try_files $uri /index.php;
    }

    location ~ /\.php$ {
        fastcgi_pass unix:/run/php-fpm/php-fpm.sock;
        fastcgi_param SCRIPT_FILENAME /var/www/grocy/public$fastcgi_script_name;
        fastcgi_param PATH_INFO $fastcgi_script_name;
        include fastcgi_params;
    }
}
```

- Restart nginx:

```
systemctl restart nginx
```

- Open a web browser and go to grocy.example.com
 - Default username/password is admin/admin.

Resources

- <https://github.com/grocy/grocy>
- <https://github.com/grocy/grocy/issues/201>
- <https://aur.archlinux.org/packages/grocy>

History

#1 - 02/14/2022 06:18 PM - Daniel Curtis

- Description updated

#2 - 02/14/2022 06:27 PM - Daniel Curtis

- % Done changed from 0 to 100

- Status changed from New to In Progress

- Description updated