

# infra.bksp

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# Nextcloud

## Dépendances

Environnement : Arch Linux + Caddy

### 1. Installation des dépendances

```
pacman -Sy php php-fpm php-apcu php-gd php-imagick
```

### 2. Configuration de php ( `/etc/php/php.ini` )

```
[PHP]
memory_limit = 512M

; Extensions
extension=bcmath
extension=bz2
extension=curl
extension=exif
extension=gd
extension=gmp
extension=iconv
extension=intl
zend_extension=opcache
extension=pdo_mysql
extension=sysvsem
extension=zip

[opcache]
opcache.enable=1
opcache.memory_consumption=256
opcache.interned_strings_buffer=32
opcache.max_accelerated_files=10000
opcache.revalidate_freq=2
opcache.save_comments=1
```

3. Enable `imagick` extension ( `/etc/php/conf.d/imagick.ini` )

```
extension = imagick
```

4. Enable `apcu` extension ( `/etc/php/conf.d/apcu.ini` )

```
extension=apcu.so
```

```
apc.enable_cli=1
```

```
apc.ttl=7200
```

5. Configure `php-fpm` ( `/etc/php/php-fpm.d/www.conf` )

```
env[PATH] = /usr/local/bin:/usr/bin:/bin
```

# Configuration reverse proxy

```
cloud.bksp.space {
  root * /srv/http/cloud.bksp.space
  php_fastcgi unix//run/php-fpm/php-fpm.sock
  log {
    output file /var/log/caddy/cloud.bksp.space.log
  }
  file_server
  encode gzip
}

handle_errors {
  respond "{err.status_code} {err.status_text}" {err.status_code}
}

@disallowed {
  path /build/*
  path /tests/*
  path /config/*
  path /lib/*
  path /3rdparty/*
  path /templates/*
  path /data/*
  path .*
  path /autotest*
  path /occ*
```

```

    path /issue*
    path /indie*
    path /db_*
    path /console*
}

handle @disallowed {
    error 404
}

redir /.well-known/carddav /remote.php/dav 301
redir /.well-known/caldav /remote.php/dav 301

header {
    # enable HSTS
    Strict-Transport-Security "max-age=15768000; includeSubDomains; preload;"
}

@static path_regex \.(?:css|js|svg|gif)$
handle @static {
    # 6 months
    header Cache-Control max-age=15552000
}

@fonts path *.woff2
handle @fonts {
    # 7 days
    header Cache-Control max-age=604800
}
}
```

# Wallabag

Environnement : Archlinux + Caddy

## Dépendances

### 1. Installation des dépendances

```
pacman -Sy php php-fpm php-gd php-tidy php-sodium composer
```

### 2. Configuration de php ( `/etc/php/php.ini` )

```
[PHP]
; Extensions
extension=bcmath
extension=curl
extension=gd
extension=gettext
extension=iconv
extension=intl
extension=pdo_mysql
extension=sockets
extension=sodium
extension=tidy
extension=zip
```

## Configuration base de données

### 1. Se connecter à la base de données

```
mariadb -u root
```

### 2. Créer le compte et la base de données

```
CREATE USER 'wallabag'@'localhost' IDENTIFIED BY '***';
create database wallabag;
GRANT ALL PRIVILEGES ON wallabag.* TO 'wallabag'@'localhost';
FLUSH PRIVILEGES;
```

# Installation

1. Passer en tant que l'utilisateur `http`

```
sudo -su http
```

2. Récupéré les sources

```
cd /srv/http
git clone https://github.com/wallabag/wallabag.git bag.bksp.space
```

3. Démarrer l'installation

```
cd bag.bksp.space
make install
```

# Configuration du reverse proxy

```
bag.bksp.space {
  root * /srv/http/bag.bksp.space/web
  file_server
  encode gzip

  php_fastcgi unix//run/php-fpm/php-fpm.sock {
    index app.php
  }

  try_files {path} {path}/ /app.php?{query}

  log {
    output file /var/log/caddy/bag.bksp.space.log
  }
}
```