

# 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
}

    redirect /.well-known/carddav /remote.php/dav 301
    redirect /.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  
    }  
}
```