# 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_regexp \.(?: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
  }
}
```

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