

# Nextcloud installation on keyhelp host

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Nextcloud installation in keyhelp

I had a lot of difficulties with Nextcloud settings in conjunction with Keyhelp. I don't want to make a statement about the two software(s), it's just the reason why you have to read this crap. This tutorial describes individual paths and not an entire process. Depending on the system, a step may be missing or added. So if you have problems with your Nextcloud instance despite the instructions, feel free to open a relevant topic in the forum here ;)

## **1 Nextcloud installation in keyhelp**

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image not found or type unknown

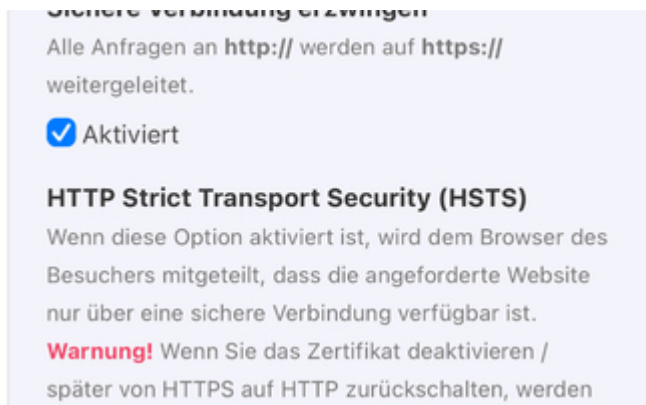
## **2 Setup keyhelp domain/user**

To begin with, it is enough to create a new domain in Keyhelp. Personally, I recommend having your own user for the Nextcloud instance as you have to make some custom settings.

### **1) Add "Security settings / SSL settings:**

Spoiler anzeigen

```
Enable SSL support
Set HSTS to 15552000 seconds (or 180 days)
```



## 2) Add "Additional php configuration" with the below settings:

Spoiler anzeigen  
Code

```
opcache.enable_cli=1
opcache.interned_strings_buffer=8
opcache.max_accelerated_files=10000
opcache.memory_consumption=128
opcache.save_comments=1
opcache.revalidate_freq=1
```

## 3) Edit php's disable\_functions

default

**4** **apache\_child\_terminate, apache\_note, apache\_setenv, curl\_multi\_exec, define\_syslog\_variables, dl, exec, link, openlog, passthru, pcntl\_exec, pcntl\_fork, pcntl\_setpriority, popen, posix\_getpwuid, posix\_kill, posix\_mkfifo, posix\_setpgid, posix\_setsid, posix\_setuid, proc\_close, proc\_get\_status, proc\_nice, proc\_open, proc\_terminate, shell\_exec, stream\_socket\_sendto, symlink, syslog, systemand we enable all posix features**

```
posix_getpwuid,    posix_kill,    posix_mkfifo,    posix_setpgid,    posix_setsid,
posix_setuid,
```

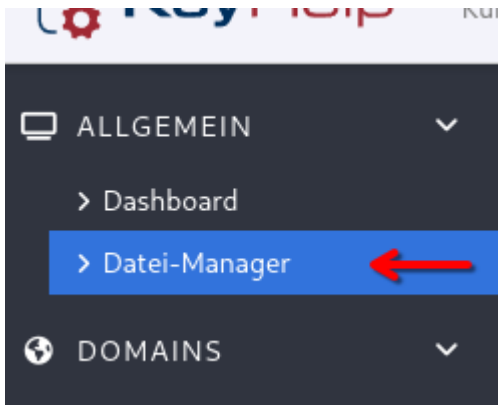
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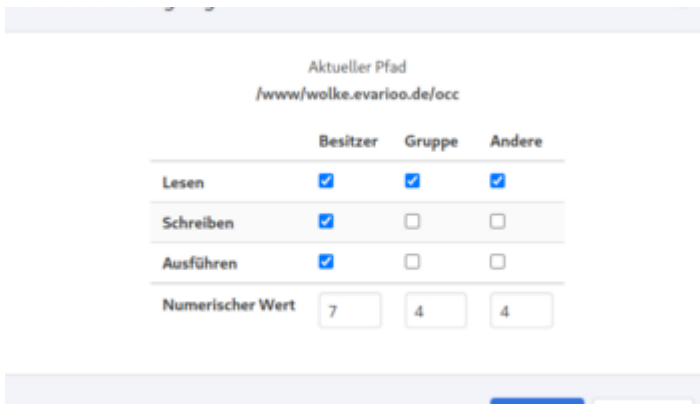
## 7 Install nextcloud

### 1) Download nextcloud web installer (community project)

<https://download.nextcloud.com/server/installer/setup-nextcloud.php>



(Use Keyhelp's built-in file manager to upload the "setup-nextcloud.php" to the designated folder with the new user (from step 1))



You should also give the file "occ" the rights 744.

## 2) Now navigate to

<https://www.domain.de/nextcloud-setup.php>

in your browser and let the Nextcloud assistant guide you through the rest of the process.

Personally, I advise you to put the "data" directory not in the www but in the files folder

## 8 Setup memcache & redis

### 1) Install APCU for php

Code

```
sudo apt install php-apcu
```

### 2) Install redis server

Code

```
sudo apt install redis-server php-redis
```

### 3) Now open redis configuration

Change port 6379 to port 0

Change # unixsocket /var/run/redis/redis-server.sock to unixsocket

```
/var/run/redis/redis-server.sock
From the line below make unixsocketperm 770
```

#### 4) Now we're adding your new keyhelp domain user to the redis group

Code

```
sudo usermod -a -G redis <yourKeyhelpDomainUser>
```

#### 4) Restart your redis & apache2 server

Code

```
sudo service redis-server restart
sudo service apache2 restart
```

#### 5) Last but not least edit your nextcloud config.php stored in config directory of your nextcloud installation

Code

```
'memcache.local' => '\\OC\\Memcache\\APCu',
'filelocking.enabled' => 'true',
'memcache.locking' => '\\OC\\Memcache\\Redis',
'redis' => array(
    'host'
),
```

As already mentioned at the beginning: If you encounter any problems, I would be happy to read from you here soon ☺

**Best regards**

Alexander

Sorry [Blacksonny](#) for the delay ☺