

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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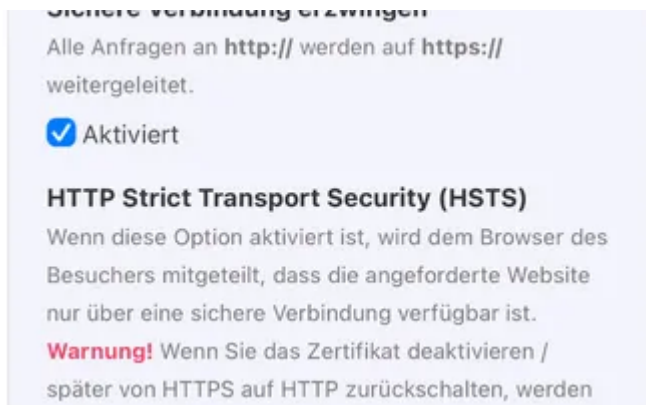
1.1 Setup keyhelp domain/user

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.

Add "Security settings / SSL settings:

Spoiler anzeigen

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



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
```

Edit php's disable_functions

default

```
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, system
```

and we enable all posix features

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

after:

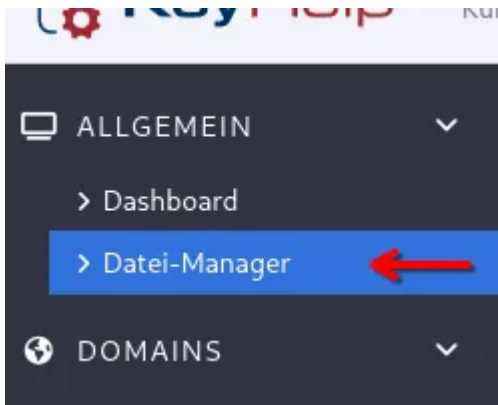
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system
```

2 Setup nextcloud

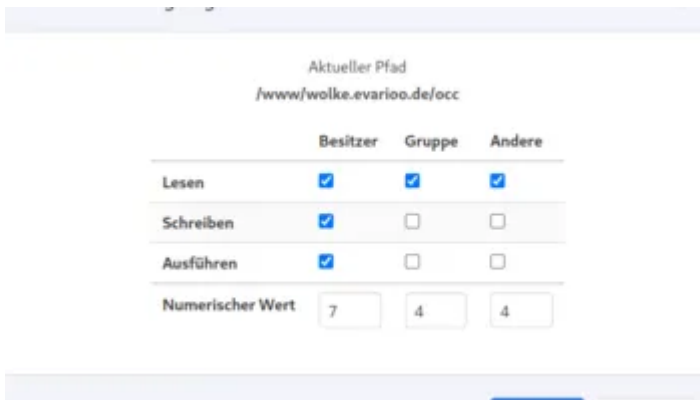
2.1 Install nextcloud

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.

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

3 Setup memcache & redis

3.1 Install APCU for php

Code

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

3.2 Install redis server

Code

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

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

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

Code

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

Restart your redis & apache2 server

Code

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

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 !red_heart!

Best regards

Alexander

Sorry [Blacksonny](#) for the delay !red_heart!