

NextCloud customization

Introduction

The solution indicated here works on a [turnkeylinux LXC image for NextCloud](#).

Change the data location

To change the data location, you need to do a few things:

1. copy the previous storage location to the new one:

```
sudo cp -R /var/www/nextcloud-data/* /path/to/your/data/directory/
```

2. create a `.ncdata` file in the new data location:

```
vim .ncdata
```

And write the following inside:

```
# Nextcloud data directory
```

3. change the ownership of the new data directory to `www-data`:

```
sudo chown -R www-data:www-data /path/to/your/data/directory
```

4. edit the `/var/www/nextcloud/config/config.php` file:

```
<?php
$CONFIG = array (
  'passwordsalt' => 'salt',
  'secret' => 'secret',
  'trusted_domains' =>
  array (
    0 => 'localhost',
    1 => 'example.com',
```

),

data directory path

#####

'datadirectory' => '/var/www/nextcloud-data',# <---- change that to '/path/to/your/data/directory'

'dbtype' => 'mysql',

'version' => '30.0.0.14',

'overwrite.cli.url' => 'http://example.com',

'overwriteprotocol' => 'https',

'dbname' => 'nextcloud',

'dbhost' => 'localhost',

'dbport' => '',

'dbtableprefix' => 'oc_',

'mysql.utf8mb4' => true,

'dbuser' => 'nextcloud',

'dbpassword' => 'password',

'installed' => true,

'instanceid' => 'id-number',

'memcache.local' => '\\OC\\Memcache\\Redis',

'redis' =>

array (

 'host' => '/var/run/redis/redis.sock',

 'port' => 0,

 'timeout' => 0.0,

),

'filelocking.enabled' => true,

'memcache.locking' => '\\OC\\Memcache\\Redis',

'log_type' => 'file',

log file path

#####

'logfile' => '/var/www/nextcloud-data/nextcloud.log',# <----- change that to
'/path/to/your/data/directory/nextcloud.log'

'loglevel' => 3,

'maintenance' => false,

'theme' => '',

'updater.secret' => 'secret',

);

Disable the HTTP to HTTPS redirection

⚠ ONLY DO THAT IF YOU HAVE A VERY VALID REASON TO!

In my case, the NextCloud server is behind `HAProxy` who is set to offload the SSL encryption from the server and managing the certificates at the same time.

If NextCloud is served by `Apache2`, then this is the solution:

Edit the file `/etc/apache2/sites-available/nextcloud.conf`:

```
ServerName localhost

<VirtualHost *:80>
    UseCanonicalName Off
    ServerAdmin webmaster@localhost
    DocumentRoot /var/www/nextcloud/ # <----- Add this line
    # RewriteEngine On <----- Delete or comment this line like it is here
    # RewriteRule ^(.*)$ https://%{HTTP_HOST}%{REQUEST_URI} [L,R=301] <----- Delete or comment this
line like it is here
</VirtualHost>

<VirtualHost *:443>
    SSLEngine on
    ServerAdmin webmaster@localhost
    DocumentRoot /var/www/nextcloud/

    <IfModule mod_headers.c>
        Header always set Strict-Transport-Security "max-age=15552000; includeSubDomains"
    </IfModule>
</VirtualHost>
```

```
<Directory /var/www/nextcloud/>
```

```
Options +FollowSymLinks
```

```
AllowOverride All
```

```
Require all granted
```

```
</Directory>
```

Restart `apache2` service:

```
sudo systemctl restart apache2
```

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