

Nextcloud installieren

Nextcloud 27 installieren

<https://www.youtube.com/embed/XuxUVYbOM6Y>

Befehle:

Updating

```
apt update && apt upgrade -y
```

individuelle Anpassung des Speicherplatzes

```
# Fstab anpassen
nano /etc/fstab

# Daten
/dev/sdb 1/mnt/Daten 1ext4 defaults 0 2

# Datensicherung mit Borgbackup auf DS
//192.168.1.100/pxxData/ncbackup /mnt/smb-ds cifs uid=1000,gid=1000,rw,user,credentials=/root/.smbzuga 0
0
```

Formatieren von /dev/sdb in ext4

```
mkfs.ext4 /dev/sdb1
```

Credentials

```
nano /root/.smbzuga

username=username
password=password
```

Cifs-Utills installieren

Nextcloud VM oder VM Container mit NAS verbinden

Installing apache

```
apt install apache2
```

Install php 8.2

```
apt install software-properties-common
```

```
add-apt-repository ppa:ondrej/php
```

```
apt update
```

Install php 8.2 & Moduls

```
apt install php8.2 libapache2-mod-php8.2 php8.2-zip php-dompdf php8.2-xml php8.2-mbstring php8.2-gd  
php8.2-curl php8.2-imagick libmagickcore-6.q16-6-extra php8.2-intl php8.2-bcmath php8.2-gmp php8.2-cli  
php8.2-mysql php8.2-zip php8.2-gd php8.2-mbstring php8.2-curl php8.2-xml php-pear unzip nano php8.2-apcu  
redis-server ufw php8.2-redis php8.2-smbclient php8.2-ldap
```

adjust PHP.ini file

```
nano /etc/php/8.2/apache2/php.ini
```

```
memory_limit = 2048M  
upload_max_filesize = 20G  
post_max_size = 20G  
date.timezone = Europe/Berlin  
output_buffering = Off
```

Install Database Server

```
apt install mariadb-server
```

Maria DB Server Konfiguration

```
mysql_secure_installation
```

Open SQL dialog

```
mysql
```

Create databas calles nextcloud

```
CREATE DATABASE nextcloud;
```

Create database user with password

```
CREATE USER 'nextclouduser'@'localhost' IDENTIFIED BY 'password_here';
```

Grant access to database

```
GRANT ALL PRIVILEGES ON nextcloud.* TO 'nextclouduser'@'localhost';
```

Save changes and exit

```
FLUSH PRIVILEGES;
```

```
EXIT;
```

Download latest nextcloud version

```
cd /tmp && wget https://download.nextcloud.com/server/releases/latest.zip
```

```
unzip latest.zip
```

```
mv nextcloud /var/www/
```

adjust apache conf

```
nano /etc/apache2/sites-available/000-default.conf
```

-> change /var/www/html to /var/www/nextcloud

Enable the NextCloud and Rewrite Module

```
a2enmod rewrite
```

```
a2enmod headers
```

```
a2enmod env
```

```
a2enmod dir
```

```
a2enmod mime
```

restart apache

```
service apache2 restart
```

prepare data folder

```
mkdir /home/data/
```

```
chown -R www-data:www-data /home/data/
```

```
chown -R www-data:www-data /var/www/nextcloud/
```

```
chmod -R 755 /var/www/nextcloud/
```

Nextcloud am Browser Aufrufen

Über die IP-Adresse kann die Nextcloud jetzt erreicht werden.

Über **Nginx Proxy Manager** erreichbar machen

Vertrauenswürdigen server erstellen

```
cd /var/www/nextcloud
```

Nextcloud 24 installieren

Nextcloud 24 auf einem Ubuntu Server installieren

<https://www.youtube.com/embed/8Hw7M7tcl9o>

Bei der Installation von PHP die Befehle einzeln eingeben.

```
# updating
```

```
apt update && apt upgrade -y
```

```
# Installing apache
```

```
apt install apache2
```

```
# Install PHP 8.1 (Diese Befehle einzeln eingeben)
```

```
apt install software-properties-common
```

```
add-apt-repository ppa:ondrej/php
```

```
apt update
```

```
# Install PHP 8.1 & Moduls
```

```
apt install php8.1 libapache2-mod-php8.1 php8.1-zip php8.1-dompdf php8.1-xml php8.1-mbstring php8.1-gd  
php8.1-curl php8.1-imagick libmagickcore-6.q16-6-extra php8.1-intl php8.1-bcmath php8.1-gmp php8.1-cli  
php8.1-mysql php8.1-zip php8.1-gd php8.1-mbstring php8.1-curl php8.1-xml php-pear unzip nano php8.1-  
apcu redis-server ufw php8.1-redis
```

```
# adjust PHP.ini file
```

```
nano /etc/php/8.1/apache2/php.ini
```

```
memory_limit = 1024M
```

```
upload_max_filesize = 16G
```

```
post_max_size = 16G
```

```
date.timezone = Europe/Berlin
```

```
output_buffering = Off
```

```
# Install Databse Server
```

```
apt install mariadb-server
```

```
# Maria DB Server Konfiguration
```

```
mysql_secure_installation
```

```
# open SQL dialoge
```

```
mysql
```

```
# create database calles nextcloud
```

```
CREATE DATABASE nextcloud;
```

```
# create database user with password
```

```
CREATE USER 'nextclouduser'@'localhost' IDENTIFIED BY 'password_here';
```

```
#grant accesss to databse
```

```
GRANT ALL PRIVILEGES ON nextcloud.* TO 'nextclouduser'@'localhost';
```

```
#save changes and exit
```

```
FLUSH PRIVILEGES;
```

```
EXIT;
```

```
# Download lastest nextcloud version
```

```
cd /tmp && wget https://download.nextcloud.com/server/releases/latest.zip
```

```
unzip latest.zip
```

```
mv nextcloud /var/www/
```

```
#edit new conf
```

```
nano /etc/apache2/sites-available/000-default.conf
```

DocumentRoot auf /var/www/nextcloud ändern

```
# Enable the NextCloud and Rewrite Module
```

```
a2enmod rewrite
```

```
a2enmod headers
```

```
a2enmod env
```

```
a2enmod dir
```

```
a2enmod mime
```

```
# restart apache
```

```
service apache2 restart
```

```
# prepare data folder
```

```
mkdir /home/data/
```

```
chown -R www-data:www-data /home/data/
```

```
chown -R www-data:www-data /var/www/nextcloud/
```

```
chmod -R 755 /var/www/nextcloud/
```

```
## create Let's Encrypt SSL-Certificate
```

```
#install certbot
```

```
apt install certbot python3-certbot-apache
```

```
certbot --apache -m master@domain.com -d cloud.domain.com
```

```
--> Domain ansurfen und Einrichtung abschließen
```

Revision #7

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