====== Banana Pi M2 Ultra als Nextcloud Instanz= Unsortierte Installation zwecks Test

- Banana Pi M2U OS besorgen und auf SD-Karte schreiben
- Banana Pi M2U booten, root PW ändern und ggf. zusätzlichen Nutzer anlegen

# Quellen

- IONOS

# Installation der Basiskomponenten

```
sudo su
apt-get update
apt-get upgrade
apt-get dist-upgrade

apt-get install -y mc aptitude curl unzip bzip2

# Apache:
apt-get install -y apache2
systemctl is-enabled apache2
systemctl status apache2

# PHP
apt-get install -y php php-curl php-cli php-mysql php-gd php-common php-xml
php-json php-intl php-pear php-imagick php-dev php-common php-mbstring php-
zip php-soap php-bz2 php-bcmath php-gmp php-apcu libmagickcore-dev
php --version
php -m
mcedit /etc/php/8.2/apache2/php.ini
data.timezone = Europe/Amsterdam
memory_limit = 512M
upload_max_filesize = 500M
post_max_size = 600M
max_execution_time = 300
file_uploads = On
allow_url_fopen = On
display_errors = Off
output_buffering = Off
zend_extension=opcache
opcache.enable = 1
opcache.interned_strings_buffer = 8
opcache.max_accelerated_files = 10000
opcache.memory_consumption = 128
opcache.save_comments = 1
opcache.revalidate_freq = 1

systemctl restart apache2
```

```
# MariaDB intallieren
apt-get install -y mariadb-server
systemctl is-enabled mariadb
systemctl status mariadb
mariadb-secure-installation

mariadb -u root -p
CREATE DATABASE nextcloud_db;
CREATE USER nextclouduser@localhost IDENTIFIED BY 'xxxxxxxxxxxx';
GRANT ALL PRIVILEGES ON nextcloud_db.* TO nextclouduser@localhost;
FLUSH PRIVILEGES;

SHOW GRANTS FOR nextclouduser@localhost;

# Nextcloud installieren
cd /var/www/
# wget
https://download.nextcloud.com/server/releases/nextcloud-21.0.0.tar.bz
wget
https://download.nextcloud.com/server/releases/nextcloud-26.0.13.tar.bz2
# tar xfj nextcloud-21.0.0.tar.bz
tar xfj nextcloud-26.0.13.tar.bz
chown -R www-data:www-data nextcloud

nano /etc/apache2/sites-available/nextcloud.conf

<VirtualHost *:80>
    ServerName nextcloud.beispiel.io
    DocumentRoot /var/www/nextcloud/
    # log files
    ErrorLog /var/log/apache2/files.beispiel.io-error.log
    CustomLog /var/log/apache2/files.beispiel.io-access.log combined
    <Directory /var/www/nextcloud/>
        Options +FollowSymlinks
        AllowOverride All
        <IfModule mod_dav.c>
            Dav off
        </IfModule>
        SetEnv HOME /var/www/nextcloud
        SetEnv HTTP_HOME /var/www/nextcloud
    </Directory>
</VirtualHost>

a2ensite nextcloud.conf
apachectl configtest
systemctl restart apache2
```

From:
https://von-thuelen.de/ - **Christophs DokuWiki**

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Last update: **2024/07/24 19:15**