

Nextcloud über Docker/Portainer in TrueNAS-Ubuntu-VM


1. NFS-Freigabe

Um die Daten von Nextcloud auf dem NAS auszulagern, muss ein Dataset für Nextcloud angelegt und über eine NFS-Freigabe mit dem Benutzer 'www-data' als Besitzer gemountet werden.

- Dataset erstellen (TrueNAS -> Dataset -> Add Dataset):


Share Type: Generic


Add Dataset

Name * 


nextcloud_nfs

Invalid format or character.


Comments 

Sync 

Inherit (standard)


Compression level 

Inherit (lz4)


Enable Atime 

Inherit (off)


Encryption Options

Inherit (non-encrypted) 


Other Options

ZFS Deduplication 

Inherit (off)

Case Sensitivity 

Sensitive

Share Type 

Generic

- Permissions/Rechte vom Dataset auf www-data ändern (TrueNAS -> Dataset -> Permissions -> Edit):

Apply User/Group und sicherheitshalber recursively anlicken

Unix Permissions Editor Dataset: /mnt/exospool/nextcloud_data

Owner

User * Apply User

Group * Apply Group

Access

| | Read | Write | Execute |
|-------|-------------------------------------|-------------------------------------|-------------------------------------|
| User | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Group | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Other | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Advanced

Apply permissions recursively


Apply permissions to child datasets

- NFS Share Share für Ordner einstellen und aktivieren (TrueNAS -> Shares -> NFS):

Edit NFS Share ✕

Path

Path * ?

▶  /mnt

General Options

Description ?

Enabled ?

Networks Add

No items have been added yet.

Hosts Add

No items have been added yet.

Save Advanced Options

2. Docker-Compose File

Quelle: https://hub.docker.com/_/nextcloud/:

"This setup provides **no ssl encryption** and is intended to run behind a proxy."
Passwörter eintragen NICHT VERGESSEN:

```
version: '2'
```

```
volumes:
```

```
  nextcloud:
```

```
  db:
```

```
  nextcloud_nfs:
```

```
    driver: local
```

```
    driver_opts:
```

```
      type: "nfs"
```

```
      o: "addr=192.168.178.201,nolock,soft,rw"
```

```
      device: ":/mnt/exospool/nextcloud_data"
```

```
services:
```

```
  db:
```

```
    image: mariadb:10.6
```

```
    restart: always
```

```
    command: --transaction-isolation=READ-COMMITTED --log-bin=binlog --binlog-
```

```
format=ROW
```

```
    volumes:
```

```
      - db:/var/lib/mysql
```

```
    environment:
```

```
      - MYSQL_ROOT_PASSWORD=
```

```
      - MYSQL_PASSWORD=
```

```
      - MYSQL_DATABASE=nextcloud
```

```
      - MYSQL_USER=nextcloud
```

```
  app:
```

```
    image: nextcloud
```

```
    restart: always
```

```
    ports:
```

```
      - 8180:80
```

```
    links:
```

```
      - db
```

```
    volumes:
```

```
      - nextcloud:/var/www/html
```

```
      - nextcloud_nfs:/var/www/html/data
```

```
    # Optional, wenn Apps, etc. auch auf NAS gespeichert werden soll. Ich habe auf  
SSD gelassen.
```

```
    # Schreibt aber direkt ins Stammverzeichnis (unordentlich). Ggfls. Subdatasets?
```

```
#- clouddata_nfs:/var/www/html Main folder, needed for updating
#- clouddata_nfs:/var/www/html/custom_apps installed / modified apps
#- clouddata_nfs:/var/www/html/config local configuration
#- clouddata_nfs:/var/www/html/data the actual data of your Nextcloud
#- clouddata_nfs:/var/www/html/themes/<YOUR_CUSTOM_THEME> theming/branding
environment:
  - MYSQL_PASSWORD=
  - MYSQL_DATABASE=nextcloud
  - MYSQL_USER=nextcloud
  - MYSQL_HOST=db
```

3. Zulässige Domain in nextcloud config.php hinzufügen

z.B. Putty + nano
/var/lib/docker/volumes/nextcloud_nextcloud/_data/config/config.php

```
...
'trusted_domains' =>
array (
  0 => '192.168.178.202:8180',
  1 => 'mynextcloud.domain.de'
),
...
```

4. Sicherheitsfehler: "You are accessing your instance over a secure connection, however your instance is generating insecure URLs."

Folgenden Zeilen in nextcloud config.php hinzufügen

```
...
'trusted_proxies' =>
array (
  0 => 'mynextcloud.domain.de',
),
'overwrite.cli.url' => 'https://mynextcloud.domain.de',
'overwriteprotocol' => 'https',
...
```

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