

Nextcloud installatie en beheer

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Installatie en configuratie

Mail configuratie

NB:

- denk er aan dat een admin gebruiker een mailadres moet hebben om de SMTP te kunnen gebruiken.

Nextcloud AIO installatie op proxmox

Stap 1: container

Maak een Fedora Server of Debian Virtual Machine (geen container) .

In dit document gaan we uit van Fedora server en een setup die voor een gezin of klein bedrijf van 4 medewerkers genoeg is.

Specs:

- 4 CPU cores
- Minimaal 8 GB geheugen
- Minimaal 100GB voor os + data-opslag. Dit kan later uitgebreid worden.

Stap 2 : Docker + Docker compose installeren

Installeren:

```
sudo dnf -y install dnf-plugins-core
sudo dnf config-manager addrepo --from-
repopfile=https://download.docker.com/linux/fedora/docker-ce.repo
sudo dnf -y install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-
plugin
sudo systemctl enable --now docker
sudo usermod -aG docker $USER
```

Testen:

```
docker run --rm hello-world
```

Stap 3: Nexcloud AIO docker compose

Dir maken:

```
sudo mkdir -p /opt/nextcloud-aio
sudo chown $USER:$USER /opt/nextcloud-aio
cd /opt/nextcloud-aio
```

Nieuw docker-compose.yml maken:

```
nano docker-compose.yml
```

```
---

volumes:
  nextcloud_aio_mastercontainer:
    name: nextcloud_aio_mastercontainer # This line is not allowed to be changed

services:
  nextcloud:
    image: nextcloud/all-in-one:latest
    init: true
    restart: always
    container_name: nextcloud-aio-mastercontainer # This line is not allowed to be changed
    volumes:
      - nextcloud_aio_mastercontainer:/mnt/docker-aio-config # This line is not allowed to be
changed
      - /var/run/docker.sock:/var/run/docker.sock:ro # May be changed on macOS, Windows or
docker rootless. See the applicable documentation. If adjusting, don't forget to also set
'DOCKER_SOCKET_PATH'!
    ports:
      - 8080:8080
      - 8443:8443 # Can be removed when running behind a web server or reverse proxy (like
Apache, Nginx and else). See https://github.com/nextcloud/all-in-one/blob/main/reverse-
proxy.md
    environment: # Is needed when using any of the options below
      - APACHE_PORT=11000 # Is needed when running behind a web server or reverse proxy (like
Apache, Nginx and else). See https://github.com/nextcloud/all-in-one/blob/main/reverse-
proxy.md
```

- APACHE_IP_BINDING=192.168.0.9 # Should be set when running behind a web server or reverse proxy (like Apache, Nginx and else) that is running on the same host. See <https://github.com/nextcloud/all-in-one/blob/main/reverse-proxy.md>

- COLLABORA_SECCOMP_DISABLED=false # Setting this to true allows to disable Collabora's Seccomp feature. See <https://github.com/nextcloud/all-in-one#how-to-disable-collaboras-seccomp-feature>

- DOCKER_SOCKET_PATH=/run/user/1000/docker.sock # Needs to be specified if the docker socket on the host is not located in the default '/var/run/docker.sock'. Otherwise mastercontainer updates will fail. For macos it needs to be '/var/run/docker.sock'

- DISABLE_BACKUP_SECTION=false # Setting this to true allows to hide the backup section in the AIO interface.

- NEXTCLOUD_DATADIR=/mnt/ncdata # Allows to set the host directory for Nextcloud's datadir. See <https://github.com/nextcloud/all-in-one#how-to-change-the-default-location-of-nextclouds-datadir>

- NEXTCLOUD_MOUNT=/mnt/ # Allows the Nextcloud container to access the chosen directory on the host. See <https://github.com/nextcloud/all-in-one#how-to-allow-the-nextcloud-container-to-access-directories-on-the-host>

- NEXTCLOUD_UPLOAD_LIMIT=15G # Can be adjusted if you need more. See <https://github.com/nextcloud/all-in-one#how-to-adjust-the-upload-limit-for-nextcloud>

- NEXTCLOUD_MAX_TIME=3600 # Can be adjusted if you need more. See <https://github.com/nextcloud/all-in-one#how-to-adjust-the-max-execution-time-for-nextcloud>

- NEXTCLOUD_MEMORY_LIMIT=2048M # Default is 512M, Can be adjusted if you need more. See <https://github.com/nextcloud/all-in-one#how-to-adjust-the-php-memory-limit-for-nextcloud>

- NEXTCLOUD_TRUSTED_CACERTS_DIR=/path/to/my/cacerts # CA certificates in this directory will be trusted by the OS of the nexcloud container (Useful e.g. for LDAPS) See <https://github.com/nextcloud/all-in-one#how-to-trust-user-defiend-certification-authorities-ca>

- NEXTCLOUD_STARTUP_APPS=deck twofactor_totp tasks calendar contacts # Allows to modify the Nextcloud apps that are installed on starting AIO the first time. See <https://github.com/nextcloud/all-in-one#how-to-change-the-nextcloud-apps-that-are-installed-on-the-first-startup>

- NEXTCLOUD_ADDITIONAL_APKS=imagemagick # This allows to add additional packages to the Nextcloud container permanently. Default is imagemagick but can be overwritten by modifying this value. See <https://github.com/nextcloud/all-in-one#how-to-add-os-packages-permanently-to-the-nextcloud-container>

- NEXTCLOUD_ADDITIONAL_PHP_EXTENSIONS=imagick # This allows to add additional php extensions to the Nextcloud container permanently. Default is imagick but can be overwritten by modifying this value. See <https://github.com/nextcloud/all-in-one#how-to-add-php-extensions-permanently-to-the-nextcloud-container>

- NEXTCLOUD_ENABLE_DRI_DEVICE=true # This allows to enable the /dev/dri device in the Nextcloud container which is needed for hardware-transcoding. See

<https://github.com/nextcloud/all-in-one#how-to-enable-hardware-transcoding-for-nextcloud>

- TALK_PORT=3478 # This allows to adjust the port that the talk container is using.