

Docker Container keeps restarting - Troubleshooting Nextcloud

This case, it was already working. Ended up pulling a new image but didnt know it.

First, check docker logs. Run the container and let it keep restarting so that it will give you an error log.

```
docker logs <nextcloud_container_name>
```

Error said:

Initializing nextcloud 31.0.1.2 ...

Can't start Nextcloud because upgrading from 29.0.0.19 to 31.0.1.2 is not supported.

It is only possible to upgrade one major version at a time. For example, if you want to upgrade from version 14 to 16, you will have to upgrade from version 14 to 15, then from 15 to 16.

That means files/data is for version 29 and i need to incrementally go up to V31.

Lets get the versions in between to install it correctly.

If the containers are running. stock them.

```
docker-compose down
```

Check Your Current Data

Your Nextcloud data (files and database) is tied to version 29.0.0.19. Ensure your volumes (./nextcloud and ./mariadb) are intact, as they contain your files and database. If you have backups, now's a good time to confirm they're ready—just in case.

Upgrade Step-by-Step

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```
services:
  nextcloud:
    image: nextcloud:30
    # ... rest of your config ...
  mariadb:
    # ... no change needed here ...
```

- Start the containers:

```
docker-compose up -d
```

- Check the logs to confirm it's running:

```
docker-compose logs -f
```

- Nextcloud should automatically run the upgrade process for version 30. Wait until it stabilizes (logs should stop showing errors and indicate a successful start).

Upgrade to 31.0.x

- Once version 30 is running fine, stop the containers:

```
docker-compose down
```

- Update docker-compose.yml to the desired version (31.0.1.2 or latest 31):

```
services:
  nextcloud:
    image: nextcloud:31
    # ... rest of your config ...
```

- Restart:

```
docker-compose up -d
```

- Check logs again:

```
docker-compose logs -f
```

The upgrade from 30 to 31 should proceed. Once complete, your Nextcloud should be fully operational on 31.0.1.2.

Revision #2

Created 15 March 2025 23:33:22 by Danicus

Updated 15 March 2025 23:50:10 by Danicus