

Run OCC Maintenance Commands in Nextcloud AIO

? Purpose

To perform maintenance, repairs, and database optimizations on your Nextcloud AIO instance using the built-in `occ` command-line interface.

? Requirements

- Access to the server where Nextcloud AIO is deployed
- Docker installed and running
- Container name (usually `nextcloud-aio-nextcloud`)

? Step-by-Step Instructions

1. SSH Into Your Server

```
ssh mslsadmin@cloud
```

2. Enter the Nextcloud Container

```
docker exec -it nextcloud-aio-nextcloud bash
```

Note: You'll now be inside the container as `root`. All `occ` commands must run as the `www-data` user.

3. Run Standard Repair

```
sudo -u www-data php occ maintenance:repair
```

This command performs:

- Missing index creation
- Mimetype corrections
- Database constraints
- App cleanup routines

4. Run Full Repairs with Expensive Operations (Optional)

```
sudo -u www-data php occ maintenance:repair --include-expensive
```

This version also:

- Migrates mimetypes for large datasets
- May take several minutes to complete

? Other Common OCC Maintenance Tasks

Disable Maintenance Mode

```
sudo -u www-data php occ maintenance:mode --off
```

Enable Maintenance Mode

```
sudo -u www-data php occ maintenance:mode --on
```

Clear File Cache (Use with caution)

```
sudo -u www-data php occ files:cleanup
```

? After Running

- Exit the container:

exit

- Refresh **Settings > Overview** in your Nextcloud web UI
- Warnings should disappear and system health will improve

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