

# Backup

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## Backup

Back up the database and application – save BLOBs correctly, recommended methods and testing the restore.

HOW-TO

ADMINISTRATOR

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APPLIES TO NUCLOS 4.2026.X

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A backup should go without saying – both the **database** and the **application** (which holds document attachments, among others) must be backed up.

## Database backup

It is crucial that **BLOBs** are saved correctly. BLOBs contain, among others:

- header for checking the database version (GZIP binary)
- image components
- state model layouts



### BLOBs are critical

If BLOBs are not saved correctly, a restore is **not** possible – the backup is then useless.

## Recommended methods (PostgreSQL)

- [pg\\_dump via console/script](#) (recommended, scriptable)
- [backup via pgAdmin \(GUI\)](#)



### Beware Navicat/Linux

The database front-end *Navicat Premium* saves BLOBs incorrectly on **Linux** (bug) – such backups are unusable. The macOS version works correctly.

## Test the restore

Test every backup method with an actual restore – only then is it guaranteed that the backup can be applied correctly.

## Related pages



### Postgres backup via console/script

pg\_dump.

[Open](#)



### Database

Overview.

[Open](#)

