

Installation FAQ

🌐 Language: [Deutsch](#) · [English](#)

🔧 Installation FAQ

Common questions about installation, production use, updates and HTTPS.

HOW-TO

OPERATIONS

UPDATED: JUL 2026

APPLIES TO NUCLOS 4.2026.X

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Nuclos won't start

If the installation succeeded but Nuclos won't start, server .log in <NUCLOS-HOME>/logs reveals the cause. You can post the log in the [Nuclos forum](#).

Checklist before going to production



Production

Server & client

- 64-bit OS and current Java (11 recommended).
- Secure the clientserver connection via **HTTPS (TLS)**.
- Fast network between server and database (ideally same host, or 1/10 GBit).

Backups

- Regular automatic DB backups plus system backups of DB and Nuclos hosts.
- Keep backups in a separate location and test restores regularly.
- Back up the Nuclos base directory (incl. /data).

Maturity

- Configuration tested; Nuclos ran for several weeks in parallel/test operation without issues.

Updating to a newer Nuclos version

Updates are largely automatic. Still:

- Read the **release notes** – they may list required manual steps.
- Do a **test update** first on a test server using a backup of production.
- Create an additional DB and system backup before the production update.

Configure HTTPS / TLS

HTTPS needs an X.509 certificate stored in a **keystore**, specified during installation. Obtain it from a CA or create one with the Java tool keytool:

```
keytool -genkeypair -keystore .keystore -storepass changeit
```



Test/intranet only

A **self-signed** certificate is no substitute for a CA certificate and triggers security warnings. In production always use a CA certificate and run Nuclos over HTTPS only.



JCE no longer required

With modern Java (8u161+, 11, 17) *Unlimited Strength* is enabled by default – the old JCE policy files are no longer needed.

Server locale (Linux)

For correct date/number formats the server should run with the appropriate locale. Check with:

```
locale
```

Adjust it per your OS documentation if needed.

Related pages



Installation (DE)

The guided installation path.

[Open](#)



System requirements (DE)

What your system needs.

[Open](#)