

Version upgrade notes

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

📖 Version upgrade notes

Version index of upgrade notes – notable changes and required steps per Nuclos version at a glance.

REFERENCE

ADMINISTRATOR

UPDATED: JUL 2026

APPLIES TO NUCLOS 4.2026.X

On this page

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- [Versions without special notes](#)
- [Related pages](#)

These notes complement the release notes with **notable changes** that require extra steps on update – such as migrations, changed defaults or updated Java/Tomcat versions. Before skipping across several versions, review the intermediate entries.



Skipping several versions

When skipping several versions, **all** intermediate notes apply cumulatively. Read them in ascending order.

Versions with notable notes

Version	Note
Hinweise zu Nuclos 3.9	generators get permissions; migration note.
Hinweise zu Nuclos 3.10	requires Java 7.
Hinweise zu Nuclos 3.14	BO generation for reference fields changed.
Hinweise zu Nuclos 4.0	automatic DB migration from Nuclos 3 to 4.
Hinweise zu Nuclos 4.3	new right edit SQL manually (data sources).
Hinweise zu Nuclos 4.6	REST header sessionId no longer supported.
Hinweise zu Nuclos 4.8	state change rules now run before saving.
Hinweise zu Nuclos 4.11	generated classes with simplified getters/setters.
Hinweise zu Nuclos 4.12	migration of document attachment attributes.
Hinweise zu Nuclos 4.13	Servlet API v3 (affects extension projects).
Hinweise zu Nuclos 4.16	web client re-implemented (AngularJS).
Hinweise zu Nuclos 4.18	migration of column/table settings.
Hinweise zu Nuclos 4.19	data source parameter values are escaped.
Hinweise zu Nuclos 4.20	new references only within the same nuclet.
Hinweise zu Nuclos 4.21	Tomcat 8.5.9; parameter <code>Timelimit Rule User</code> removed.
Hinweise zu Nuclos 4.22	requires a Java 8 JDK.
Hinweise zu Nuclos 4.25	<code>DEPRECATED_2017_ALLOWED</code> defaults to false.
Hinweise zu Nuclos 4.26	<code>QueryProvider.getByState/getByProcess</code> changed.
Hinweise zu Nuclos 4.27	Tomcat 9.0.8; old web client removed.
Hinweise zu Nuclos 4.28	<code>QueryProvider</code> : comparison to null throws exception.

Hinweise zu Nuclos 4.29	QueryProvider: comparison to null throws exception.
Hinweise zu Nuclos 4.30	QueryProvider: comparison to null throws exception.
Hinweise zu Nuclos 4.31	Eclipse plugin adjustment.
Hinweise zu Nuclos 4.32	REST HATEOAS links are protocol-relative.
Hinweise zu Nuclos 4.39	implicit deletion of dependent records changed.
Hinweise zu Nuclos 4.40	color support in multi-record editing.
Hinweise zu Nuclos 4.42	web client rework (EO uninitialization).
Hinweise zu Nuclos 4.43	permission list export (BO/user group).
Hinweise zu Nuclos 4.44	list export rights; paste HTML into editor.
Hinweise zu Nuclos 4.45	list export rights; paste HTML into editor.
Hinweise zu Nuclos 4.46	fix for Postgres database setup.
Hinweise zu Nuclos 4.47	web client: field color highlighting removed.
Hinweise zu Nuclos 4.48	data sources: null in a number parameter becomes 0.
Hinweise zu Nuclos 4.49	data sources: rule assignments to integration points.
Hinweise zu Nuclos 4.50	reporting: update to JasperReports 6.17.0.
Hinweise zu Nuclos 4.2022.1	new version format (calendar versioning).
Hinweise zu Nuclos 4.2022.40	Jsch library raised to 0.2.5.
Hinweise zu Nuclos 4.2023.8	remoting interface migrated from Java RMI.
Hinweise zu Nuclos 4.2023.10	trees disabled by default (enable explicitly).
Hinweise zu Nuclos 4.2023.25	system right configure charts (web).
Hinweise zu Nuclos 4.2024.13	NPM raised to 10.5.0 (custom web client).
Hinweise zu Nuclos 4.2024.25	rights batch/bulk processing.
Hinweise zu Nuclos 4.2024.26	Tomcat raised to 9.0.95.
Hinweise zu Nuclos 4.2025.4	nuclos-api: Stateful interface extends BusinessObject.
Hinweise zu Nuclos 4.2025.15	new localization feature.
Hinweise zu Nuclos 4.2025.19	nuclos-addon-api adjustment (matrix configuration).
Hinweise zu Nuclos 4.2025.34	_LANG tables: foreign keys set to onDeleteCascade.

Versions without special notes

[Hinweise zu Nuclos 4.7](#), [Hinweise zu Nuclos 4.9](#), [Hinweise zu Nuclos 4.10](#), [Hinweise zu Nuclos 4.14](#), [Hinweise zu Nuclos 4.15](#), [Hinweise zu Nuclos 4.17](#), [Hinweise zu Nuclos 4.23](#), [Hinweise zu Nuclos 4.24](#), [Hinweise zu Nuclos 4.33](#), [Hinweise zu Nuclos 4.34](#), [Hinweise zu Nuclos 4.35](#), [Hinweise zu Nuclos 4.36](#), [Hinweise zu Nuclos 4.37](#), [Hinweise zu Nuclos 4.38](#), [Hinweise zu Nuclos 4.53](#), [Hinweise zu Nuclos 4.2022.2](#)



Detail pages

The detailed per-version notes are maintained in German (linked above).

Related pages



Versioning

Structure of the version number.

[Open](#)



Backup

Back up first.

[Open](#)



Tomcat administration

Server.

[Open](#)

