Exponential 6 and Exponential Platform (Symfony only)

Moving between Exponential 6 and Exponential Platform 3.2.9, the Symfony-only distribution based on the last free eZ Platform 3.2 - when it is the right target, the route through the 2.5 generation and the 2.5 to 3.0...

Source file: `doc/eng-us/install/migration/exponential-platform.md` Last changed 2026-11-04
https://doc.exponential.earth/learninminutes/exphelp/viewer/install/migration/exponential-platform.md

Exponential Platform (`se7enxweb/exponential-platform`, default branch `3.2`) is the Symfony-only distribution "based on the last free versions of eZ Platform", in its own words, with "No Exponential 6.x Legacy Support". Its one GitHub release is `v3.2.9` (2025-09-28). Its `composer.json` requires the 3.2 generation's forks (`se7enxweb/ezplatform-kernel` `~1.3.42`, `se7enxweb/ezplatform-admin-ui` `~2.3.39`, REST, GraphQL, RichText, Matrix and Query field types, Solr), Symfony 5 and PHP `^7.3` `||` `^8.1` to `^8.4`.

Migration hub · Checklist · Installation notes in the product's repository: `doc/eng-us/INSTALL.md`

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1. Is it the right target?

The 3.2 generation is older than the 3.3 generation that the other Exponential products carry (Platform Legacy `v3.3.44.x`, Nexus `1.1.0.x`, OSS `v3.3.0.x`). For new work, prefer:

You want	Better target
Symfony only, current PHP and Symfony	DXP 2.x (v5, Symfony 7.4) or DXP 1.x (4.6)
Symfony plus the legacy kernel	Platform Legacy
A site with a page builder	Nexus

Choose Exponential Platform 3.2.9 when an existing project already runs on it or on eZ Platform 3.0 to 3.2, and you want to keep that generation.

2. From Exponential 6 to Exponential Platform 3.2

The content tables are shared, but the 3.x schema dropped the legacy-only tables, and the platform reads no XmlText and no legacy password types. The route:

1. **Arrive on the 2.5 generation** with the legacy kernel next to it: Platform Legacy `v2.5.0.x`, section 3.

2. **Convert XmlText to RichText** there (`ezxmltext:convert-to-richtext`, DXP page, step 2).
3. **Make every active user's hash type 6 or 7** (resets, or a sign-in on the legacy kernel, which re-hashes).
4. **Apply the 2.5 to 3.0 file** of this product: `upgrade/db/<engine>/ezplatform-2.5.latest-to-3.0.0.sql` (MySQL and PostgreSQL, branch `3.2`). The Platform Legacy book describes what it does: removes the `ezpublish-version` and `ezplatform-release` rows and inserts `ezplatform-release` `3.0.0`, widens `ezcontentclass_attribute.data_text1`, adds `is_thumbnail`, adds and fills `ezkeyword_attribute_link.version`. There are no files for 3.0 to 3.1 or 3.1 to 3.2. There is no SQLite file.
5. **Create the 3.2.9 project** (`composer create-project se7enxweb/exponential-platform:v3.2.9` or a Git clone of the tag), point `.env.local` (`DATABASE_URL`) at the migrated database, and do **not** run the installer on it.
6. **Move the storage** to the platform's `var_dir/storage_dir` below the web root, so that the paths stored in the image XML and in `ezimagefile` still point at files; the path schemes of both sides and the checks are in 17.7 and 17.8. Configure the image variations, rebuild the URL aliases and the search index.
7. **Rewrite the presentation**: TPL to Twig, INI to YAML, extensions to bundles (17.4, 17.5).
8. **Archive the legacy-only tables** you no longer use.

The vendor's pages for the 2.5 to 3.x step are listed in chapter 16.3.

3. From Exponential Platform 3.2 onward or back

Direction	Route
3.2 to 3.3	`upgrade/db/<engine>/ezplatform-3.2.0-to-3.3.0.sql` (creates `ibexa_setting`) and `ezplatform-3.2.3-to-3.2.4.sql`, on the `master` branch; then Platform Legacy `v3.3.44.x`, Nexus `1.1.0.x` or OSS `v3.3.0.x`
3.2 to DXP	3.3 first, then the DXP route from step 5
3.2 back to Exponential 6	"path B" of chapter 16.6: `ezsqldiff.php` (reference first) recreates the legacy-only tables, the version rows are set, RichText is rendered or converted (16.6.3), YAML becomes INI and Twig becomes TPL; the "3.0 to 3.3" row of 16.6.9 lists the details, including the default that `ezkeyword_attribute_link.version` needs for the legacy kernel's inserts
3.2 next to the legacy kernel	arrive on 3.3 and use Platform Legacy `v3.3.44.x`

4. Verify, roll back, checklist

Verify with counts per content type and language, the admin, one edit and publish, image variations, search, `doctrine:schema:validate`. Roll back with the backup taken before each step; keep the old installation until the new one has run in production.

- ☐ 3.2.9 confirmed as the right target (or a newer generation chosen).
- ☐ 2.5 generation reached through Platform Legacy; XmlText converted; hashes 6/7.
- ☐ `ezplatform-2.5.latest-to-3.0.0.sql` applied on a copy; errors read.

☐ Project from `v3.2.9`; installer not run on the data; storage moved; aliases and index rebuilt.

☐ Templates, configuration and code rewritten; legacy-only tables archived.

☐ Redirects for every address that changed.

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