

# Installation Guide

*AdminWizard for Magento 2.x — Extmag\_Improver*

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# 1 Requirements

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- Magento 2.3.7 or newer (Open Source or Adobe Commerce).
- PHP  $\geq$  7.4.
- MySQL 8.0+ / MariaDB 10.6+.
- Composer 2.x.
- Companion modules pulled transitively: `extmag/core` , `extmag/logs-core` , `extmag/backup-core` . The two `*-core` packages ship the Email Log and Backup Manager features bundled with AdminWizard at no extra cost.
- Magento `default` cron group running every minute. Indexer history and the `mview pause / throttle` plugin both depend on cron being alive.
- Multi-website / multi-store supported.

## 2 Composer install

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```
composer require extmag/improver
bin/magento module:enable Extmag_Improver
bin/magento setup:upgrade
bin/magento setup:di:compile
bin/magento cache:flush
```

`setup:upgrade` creates the following tables:

Table	Purpose
<code>extmag_admin_hotlink_stats</code>	Per-admin page visit counters used by Auto Hotlinks.
<code>extmag_indexer_history</code>	Append-only log of every indexer run (manual / cron / other).
<code>extmag_indexer_control</code>	Per-indexer pause flag + throttle minutes for mview updates.

The module also reads from Magento core tables `cron_schedule` and `admin_user_session` for the Cron Monitor and Admin Sessions grids. No schema change is applied to those tables.

If the deploy ships with `setup:di:compile` already done, do not skip it locally — sales-grid advanced filters are wired through per-entity `virtualType` blocks in `di.xml` and need a fresh DI compilation.

## 3 Module sequence

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`Extmag_Improver` declares a load sequence after `Magento_Backend`, `Extmag_Core`, and `Magento_SalesRule` in `etc/module.xml`. The `Magento_SalesRule` dependency exists because the four sales-grid advanced filters reuse its Rule condition combinators.

## 4 Verification

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```
bin/magento module:status Extmag_Improver
```

Expect *Module is enabled*. Then in the admin:

- System → Extmag → AdminWizard → Dashboard renders.
- System → Extmag → AdminWizard → Extensions List lists the installed modules with current versions.
- Catalog → Inventory → Categories Grid renders.

## 5 Configuration after install

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Stores → Configuration → Extmag → AdminWizard ( `section_id = extmag_improver` ).

The defaults from `etc/config.xml` are already production-safe. Tighten selectively:

Group	Default	When to change
General → Enable	Yes	No turns the AdminWizard menu items off without uninstalling.
Order / Invoice / Shipment /	enabled = Yes,	Toggle per sales grid you do not need advanced filters on.
Creditmemo / Product Adv. Filt.	disable_default_filters = No	Set <code>disable_default_filters = Yes</code> to hide Magento's native filter row.
Hotlinks → Auto-generate	No	Yes to start counting admin visits and surfacing the top N on the dashboard.
Hotlinks → Auto Hotlinks Count	5	Raise per UX preference; storage cost is one row per (user, url) pair.
Two Factor Auth → Enable 2FA	Yes	No to bypass <code>Magento_TwoFactorAuth</code> entirely (gated by the bypass plugins).

Group	Default	When to change
Two Factor Auth → Disable in	Yes	No to keep 2FA on in developer mode.
Developer Mode		

## 6 Upgrade flow

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```
composer update extmag/improver
bin/magento setup:upgrade
bin/magento setup:di:compile
bin/magento cache:flush
```

Schema migrations are declarative — no data loss on minor / patch versions.

## 7 Disabling features without uninstalling

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- `extmag_improver/general/enable = 0` — turns the AdminWizard menu items off across the admin.
- `extmag_improver/<area>_advanced_filter/enable = 0` — turns off the advanced filter for the given sales grid only. Other grids stay on.
- `extmag_improver/hotlinks/auto_hotlinks_enable = 0` — stops Auto Hotlinks tracking. Existing rows in `extmag_admin_hotlink_stats` stay; the manual hotlinks field continues to work.
- `extmag_improver/twofactorauth/enable = 0` — the bypass plugins return early and let `Magento_TwoFactorAuth` run as configured upstream.

The Indexer Manager pause / throttle gate is controlled per-indexer through the admin UI (System → Tools → Index Management after the plugin is wired) rather than via system configuration.

## 8 Uninstall

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```
bin/magento module:disable Extmag_Improver
bin/magento setup:upgrade
composer remove extmag/improver
```

The schema is **not** dropped automatically. To remove the AdminWizard tables, run `DROP TABLE` manually after backing up the data:

```
DROP TABLE IF EXISTS extmag_indexer_control;  
DROP TABLE IF EXISTS extmag_indexer_history;  
DROP TABLE IF EXISTS extmag_admin_hotlink_stats;
```

Remove the corresponding entries from `Extmag/Improver/etc/db_schema_whitelist.json` and `db_schema.xml` if you keep the module source for reference.

## 9 Troubleshooting install-time issues

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### 9.1 AdminWizard menu missing after install

- Cache is the usual cause. `bin/magento cache:flush` and reload the page.
- Confirm the admin user role has the `Extmag_Improver::improver` ACL resource and at least one child resource granted.
- Confirm the parent `Extmag_Core::main_menu` resource is granted — the AdminWizard items hang off it.

### 9.2 Sales grid 500s after enabling an advanced filter

Run `setup:di:compile` again. Each sales grid's advanced filter is wired through four `virtualType` entries in `di.xml`; the compiled DI snapshot must reflect them.

### 9.3 `Class "..."` does not exist on the Categories Grid

Same fix — `setup:di:compile`. The grid extends a Magento parent collection whose constructor fallback resolves a connection through DI.

### 9.4 Indexer Manager grid blank after install

- Cache flush. The grid is a UI Component listing wired through `etc/di.xml` and needs a fresh layout cache.
- Confirm `bin/magento setup:upgrade` ran cleanly — the `extmag_indexer_history` and `extmag_indexer_control` tables must exist.

### 9.5 Admin Sessions grid empty

The grid reads from `admin_user_session`, a `Magento_Security` table. Empty grid means no rows in that table, which happens on stores where `Magento_Security` is disabled. Enable it before relying on this feature.

## 9.6 2FA still prompting after disabling via configuration

`extmag_improver/twofactorauth/disable_in_developer_mode = 1` is the default. In developer mode the AdminWizard 2FA bypass is itself disabled by design — flip that knob to `0` if you want the bypass active in developer mode too.

## 9.7 Cron Monitor “Run Now” does nothing

`Run Now` enqueues a cron schedule row for the chosen job; the `Magento default` cron group must be ticking for the row to fire. Verify with `bin/magento cron:status` and `crontab -l | grep magento`.