

User Guide

Logs Manager Pro for Magento 2.x — Extmag_LogsManager

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1 About the module

Magento ships no admin tooling for working with `var/log/` files. They grow unbounded, become hard to open, and are inconvenient to grep. Logs Manager Pro adds four things on top of the stock Magento log infrastructure:

1. **Automatic file rotation** — every log / report file larger than a configured threshold is compressed into a `.zip` and a configurable number of rotated copies is kept. Older copies are pruned.
2. **Admin grid for `system.log`** — paginated, filterable, sortable view of Monolog-formatted records with a click-through to the full message.
3. **WebAPI request log** — full request + response capture for REST and GraphQL traffic, with secret masking, endpoint filters, retention prune.
4. **Email log** — every outgoing transactional email captured with body preview and delivery status.

Compression ratio on real log files is 70–90% (a 10 MB `system.log` typically rotates to 0.5–1 MB). Retention windows for the database-backed logs default to 30 days and are configurable.

1.1 Features at a glance

- Archive `var/log/*.log` and `var/report/*` when they exceed the configured size threshold.
- Keep the N most recent rotated copies, prune the rest.
- Browse and filter Monolog `system.log` records in the admin grid.
- Filter by date / time, channel, file name, level, full-text description.
- Capture REST + GraphQL request / response bodies with secret masking.
- Capture outgoing emails with HTML / text body preview and delivery status.
- Per-feature retention windows (1 hour to indefinite).
- Granular ACL: separate resources for view, download, clear-all.

2 Admin navigation

Extmag → Logs Manager Pro menu:

Item	Purpose
Logs	Monolog records grid (<code>system.log</code> -style entries).

Item	Purpose
WebAPI Logs	REST + GraphQL request / response log.
Email Logs	Outgoing email log with body preview.
Configuration	Shortcut to Stores → Configuration → Extmag → Logs Manager Pro .

WebAPI Logs is also linked from Reports → WebAPI Logs for operators who live in that menu tree.

Each menu item maps to its own ACL resource — see the *Reference Manual* for the full ACL tree.

3 File rotation

When the *Enabled* switch under the General group is Yes (the default), the `extmag_logs_archive` cron job sweeps `var/log/` every four hours (`5 0-23/4 * * *`). For each file larger than *File max size* MB it:

1. Creates `<filename>.<YYYY-MM-DD-HH-MM-SS>.zip` next to the original.
2. Truncates the original file to zero bytes.
3. Counts existing zip rotations of the same base name; deletes the oldest until at most *Amount archives copies to keep* remain.

`var/report/*` follows the same rules when *Compress Logs of Reports folder* is Yes.

3.1 Inspecting rotated archives

Rotated archives stay on disk alongside the source log:

```
var/log/system.log
var/log/system.log.2026-05-24-04-05-12.zip
var/log/system.log.2026-05-20-04-05-08.zip
```

The archive name carries the rotation timestamp. The grid does not browse zip contents directly — `unzip` in place when you need to `grep` older windows:

```
unzip -p var/log/system.log.2026-05-20-04-05-08.zip | less
```

3.2 Tuning the threshold

Defaults: File max size = 20 MB, Amount archives copies to keep = 5.

- Lower *File max size* on systems with verbose `debug.log` chatter so the admin grid stays usable.
- Raise *Amount archives copies to keep* on long-running production systems where 5 × 4-hour windows would cover too short a retention period.

4 Logs grid

Extmag → Logs Manager Pro → Logs parses `var/log/system.log` (and the rotated copies that are still in plaintext, i.e. the active file before rotation kicks in) into a Monolog-aware grid.

The screenshot shows the 'Logs' page in the Extmag interface. A sidebar on the left contains navigation icons for Dashboard, Sales, Extmag, Catalog, Customers, Marketing, Content, Reports, Stores, and System. The main content area features a search bar, a notification bell with '64', a user profile for 'admin', and controls for filters, columns, and default view. Below these is a pagination control showing '20 per page' and '1' of 1 pages. The central table lists log entries with the following data:

#	Date	Time	Channel	Level	File	Description
1	2020-12-09	08:27:07	main	INFO	system.log	Add of item with id Yotpo_Yotpo::yotpo_analytics_external was processed [] []
2	2020-12-09	08:27:07	main	INFO	system.log	Add of item with id Yotpo_Yotpo::yotpo_reviews_external was processed [] []
3	2020-12-09	08:27:07	main	INFO	system.log	Add of item with id Yotpo_Yotpo::yotpo_report_reviews was processed [] []
4	2020-12-09	08:27:07	main	INFO	system.log	Add of item with id PayPal_Braintree::virtual_terminal was processed [] []
5	2020-12-09	08:27:07	main	INFO	system.log	Add of item with id PayPal_Braintree::settlement_report was processed [] []
6	2020-12-09	08:27:07	main	INFO	system.log	Add of item with id Extmag_Shiplab::shiplab_usps_labels was processed [] []
7	2020-12-09	08:27:07	main	INFO	system.log	Add of item with id Extmag_Shiplab::shiplab_uspsaccesspoint was processed [] []

Logs listing — Monolog records with clickable description

Each row exposes:

Column	Source
#	Synthetic row number within the current page.
Date	Date component of the Monolog timestamp.
Time	Time component of the Monolog timestamp.
Channel	Monolog channel (<code>main</code> , third-party module channels, etc.).
Level	Monolog level (<code>DEBUG</code> / <code>INFO</code> / <code>WARNING</code> / <code>ERROR</code> / <code>CRITICAL</code>).

Column	Source
File	Source log file the row was parsed from.
Description	Trimmed message preview. Click to open the full message popup.

Click the *Description* cell to open the full message:

The screenshot shows a 'Log data' popup window over a table of log entries. The popup contains the following text:

```

Log data
Unable to resolve the source file for 'adminhtml/Magento/backend/en_US/Magento_UI/templates/grid/paging-total2.html' [] []
Prev Next Close
  
```

The background table has the following data:

#	Date	Time	Channel	Level	File	Description
1	2020-12-07	16:23:14	main	CRITICAL	system.log	Unable to resolve the source file for 'adminhtml/Magento/backend/en_US/Extmag_LogsManager/template/ui/grid/paging-total.html' [] []
2	2020-12-07	15:59:12	main	CRITICAL	system.log	Unable to resolve the source file for 'adminhtml/Magento/backend/en_US/Magento_UI/templates/grid/paging-total2.html' [] []

Log data popup — full message text with Prev / Next navigation

Prev / Next step through rows in the current filter result without closing the popup.

4.1 Filtering

Click *Filters* to open the filter panel.

The screenshot shows the 'Logs' interface. On the left is a sidebar with navigation icons for Dashboard, Sales, Extmag, Catalog, Customers, Marketing, Content, Reports, Stores, and System. The main area has a search bar, a notification bell with '64', and a user profile 'admin'. Below these are 'Filters', 'Columns', and 'Default View' dropdowns. The 'Active filters' section shows 'Level: CRITICAL' with a clear icon and a 'Clear all' link. The filter panel contains:

- Time**: 'from' and 'to' text inputs.
- Date**: 'from' and 'to' text inputs with calendar icons.
- Channel**: A text input field.
- File**: A text input field.
- Description**: A text input field.
- Level**: A multiselect dropdown menu currently showing 'CRITICAL'.

 At the bottom right of the filter panel are 'Cancel' and 'Apply Filters' buttons. Below the filter panel is a pagination control showing '20 per page' and a page indicator '1'. The log table below has the following data:

#	Date	Time	Channel	Level	File	Description
1	2020-12-07	16:23:14	main	CRITICAL	system.log	Unable to resolve the source file for 'adminhtml/Magento/backend/en_US/Extmag_LogsManager/template/ui/grid/pagii-total.html' [] []
2	2020-12-07	15:59:12	main	CRITICAL	system.log	Unable to resolve the source file for 'adminhtml/Magento/backend/en_US/Magento_UI/templates/grid/paging-total2.html' [] []

Filter panel — Time, Date, Channel, File, Description, Level

Filter	Behavior
Time range	from / to clock time inside each day.
Date range	from / to calendar date.
Channel	Exact match on Monolog channel.
File	Substring match on source file name.
Description	Substring match on the message body.
Level	Multiselect over Monolog levels.

Active filters appear above the grid with a clear-all shortcut. The *Columns* dropdown toggles individual columns and the *Default View* dropdown saves filter + column combinations as a named view.

5 WebAPI logs

Extmag → Logs Manager Pro → WebAPI Logs (also linked from Reports → WebAPI Logs).

When *WebAPI Logs* → *Enable* is Yes, every REST request that hits the Magento WebAPI front controller — and every GraphQL operation when *GraphQL Logs* → *Enable* is Yes — is captured into `extmag_webapi_log`. The grid exposes:

Column	Notes
Method	GET / POST / PUT / DELETE / PATCH .
URL	Request URL.
Response code	HTTP response status.
Duration	Seconds, end-to-end.
IP	Client IP.
Created at	Timestamp.

A per-row drill-in shows full request headers, request body, response headers, response body.

5.1 Secret masking

WebAPI Logs → *Secret Mode* controls how sensitive values are handled:

- `mask` (default) — values matching *Secret Words* are replaced with a fixed-length mask before storage.
- `remove` — matching keys are stripped entirely.

Secret Words is a comma-separated list of header names or JSON keys. Default: `password,token,secret,authorization,api_key,credit_card`.

5.2 Request method and endpoint filters

- Log Request Methods* — multiselect. Empty = log all methods.
- Endpoint Filter Mode* — `all` (default) logs every endpoint; `specific` opens *Specific Endpoints* multiselect, populated from the registered REST routes.
- Excluded Paths* — one substring per line. Requests whose URL contains any of these strings are dropped before write. Applied after the endpoint filter.

5.3 Retention

WebAPI Logs → *Auto-cleanup after (hours)* — default `720` (30 days). The 02:00 cleanup cron deletes rows older than this window. Set to `0` to disable cleanup; rows then accumulate until the operator truncates the table manually.

5.4 Clear All

Bulk-clear is a per-grid action protected by the `Extmag_LogsCore::webapi_logs_clear` ACL resource. The grid asks for confirmation before truncating the table.

6 GraphQL logs

GraphQL is captured into the same `extmag_webapi_log` table as REST. The GraphQL Logs config group adds two GraphQL-specific knobs:

Field	Default	Purpose
<code>Enable</code>	No	Master switch for GraphQL capture.
<code>Log Only Mutations</code>	No	Skip GraphQL queries; log only data-changing mutations.
<code>Excluded Operations</code>	empty	One operation name per line, e.g. <code>IntrospectionQuery</code> .
<code>Auto-cleanup after</code>	<code>720</code>	Hours. Shares the WebAPI cleanup cron — same retention semantics.

GraphQL rows surface in the same grid as REST. Filter by URL substring `graphql` or by request body content to isolate them when needed.

7 Email logs

`Extmag` → `Logs Manager Pro` → `Email Logs`.

When `Email Logs` → `Enable` is Yes, every outgoing email handed to the Magento mail transport is captured into `extmag_email_log` with:

- `From`, `To`, `CC`, `BCC`, `Subject`
- HTML body and plain text body
- `Status` (`success` / `failed`)
- `Error message` when status is `failed`
- `Created at` timestamp

The body preview is a copy of what the transport actually saw — useful when an outgoing notification looks fine in admin but renders wrong in the recipient's inbox.

7.1 Retention

Email Logs → Auto-cleanup after (hours) — default 720 (30 days). The 02:05 cleanup cron deletes rows older than the window. 0 disables cleanup.

7.2 Clear All

Same per-grid bulk-clear as WebAPI logs, gated by `Extmag_LogsCore::email_logs_clear`.

8 Reports grid

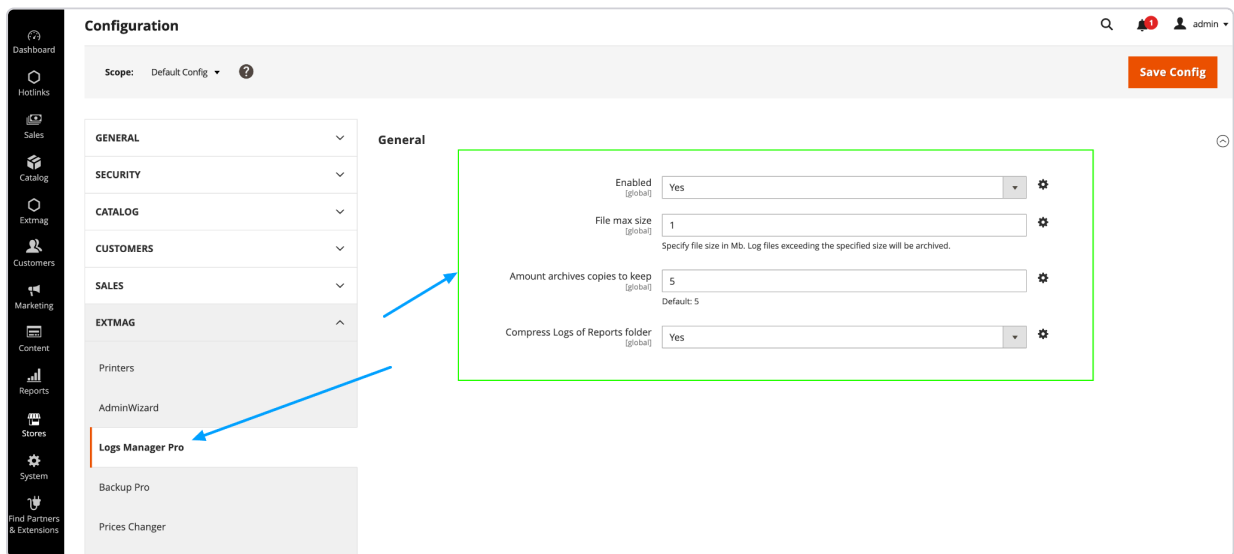
The same `var/report/*` files that Magento writes on exception are covered by the rotation cron when *Compress Logs of Reports folder* is Yes. The Logs grid does not currently iterate into report archives — it focuses on Monolog-formatted entries from `var/log/`.

To inspect a report file, drop into the host and read it directly:

```
cat var/report/<report-id>
unzip -p var/report.<timestamp>.zip <report-id>
```

9 Module configuration

Stores → Configuration → Extmag → Logs Manager Pro hosts every module setting, grouped into *General*, *WebAPI Logs*, *GraphQL Logs* and *Email Logs*:



System configuration — Logs Manager Pro section

See the *Installation Guide* and *Reference Manual* for the full configuration matrix.

10 Troubleshooting

10.1 Logs grid is empty even though `system.log` is non-empty

The grid parses Monolog-formatted lines. Custom log handlers that write plain text bypass Monolog formatters and will be skipped. Check the file opens with the expected `[YYYY-MM-DD HH:MM:SS] channel.LEVEL: message` prefix.

10.2 Rotated archives never appear

- `bin/magento cron:status` — cron must be running.
- Stores → Configuration → Extmag → Logs Manager Pro → General → Enabled must be Yes.
- `var/log/cron.log` — look for `extmag_logs_archive` entries.
- Source file must exceed *File max size* MB at the time the cron fires — the threshold is checked on the live file, not the rotated history.

10.3 WebAPI rows missing for some endpoints

- *Endpoint Filter Mode* is `specific` and the endpoint is not in *Specific Endpoints*.
- The endpoint URL matches one of the *Excluded Paths* lines.
- The request method is not in *Log Request Methods* (when that multiselect is non-empty).
- The retention cron already pruned the row.

10.4 Sensitive values leak into the log

Add the offending header / JSON key to *Secret Words* and set *Secret Mode* to `mask` or `remove`. Existing rows are not rewritten — truncate the table manually if historical exposure matters.

10.5 Email log shows `failed` status

The mail transport raised an exception. Read `Error message` on the row for the underlying cause (SMTP timeout, invalid recipient, bounce notice). The original outgoing email was not delivered; investigate at the transport / DNS / inbox-provider level.

10.6 Disk usage keeps growing

- Lower *Amount archives copies to keep* to prune older zips faster.

- Lower *Auto-cleanup after (hours)* in the WebAPI / GraphQL / Email groups to age out database rows faster.
- Truncate `extmag_webapi_log` / `extmag_email_log` manually if you need to recover space immediately.

10.7 Multi-website / multi-store

The module configuration is scope `default` only — there is no per-website override. File-system rotation is intrinsically global. WebAPI / GraphQL / Email rows store no store identifier, so all stores share the same audit log.