

# <Client Name>

# Comprehensive Magento

# Audit

Project Name: <client name>

Magento Domain: <domain>

## Audit goals

- Review 3rd party modules code
- Review theme quality
- Check store performance
- Check Magento logs
- Briefly review store for bugs
- Provide recommendations for issue fixes

Issues severity:

Critical

High

Medium

Low

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# Code Audit

## Modules overview and coding standards

Third-party modules

Upgradability table

Summary

We recommend upgrading third-party modules to their latest version.

Module name	Module name in the store	Installation type	Current Version	Latest Available Version
Adyen_Payment	Adyen Payments	composer	8.22.2	<a href="#">9.0.7</a>
Amasty_BannersLite	Promo Banners Lite	composer	1.1.1	11.3
Amasty_Base		composer	1.14.7	1.14.7
Amasty_Rgrid		composer	1.0.9	1.0.9
Amasty_Rules	Special Promotions	composer	2.12.0	<a href="#">2.13.0</a>
Amasty_RulesPro		composer	2.12.1	<a href="#">2.13.0</a>
EthanYehuda_CronjobManager	Cron Job Manager	composer	1.16.1	<a href="#">2.2.0</a>
Mirasvit_Credit		composer	1.2.12	<a href="#">1.2.21</a>
FLOA_Payment		composer	1.1.4	<a href="#">1.2.1</a>
Lengow_Connector	Lengow	app/code	1.4.4	<a href="#">1.4.5</a>

Detailed audit of third-party modules

Summary

1. Review High priority items (three items): Amasty\_RulesPro, RocketWeb\_ShoppingFeeds, Lengow\_Connector

2. See if they can be fixed with upgrading a module to the latest version, or patch/fix them otherwise

[Details of the check via Code sniffer are in the attachment](#)

## Custom modules (detailed audit)

### Summary

We recommend fixing/refactoring custom modules that have at least one of these conditions:

- **Overall quality:** Average or Low
- **Requires immediate attention:** Yes

Custom modules to fix:

- AuditStore\_Wyomind
- AuditStore\_AttachOrderToCustomer
- AuditStore\_CsvImport
- AuditStore\_ForceReindex
- AuditStore\_Honeypot

**Module Name:** AuditStore\_Wyomind

**Module name in the store:** -

**Short description:** Fix error with extension list in Wyomind\_Framework module

**Code sniffer check:**

There are 0 errors and 1 warning.

All warnings are related to code style.

**Code quality manual check:**

No issues

**Overall quality:** Good

**Requires immediate attention:** No

**Module Name:** AuditStore\_AttachOrderToCustomer

**Module name in the store:** -

**Short description:** Gives possibility to attach guest order to existing customer or create customer with guest's order data

**Code sniffer check:**

There are 0 errors and 5 warnings

**The most critical warnings:**

Visibility must be declared on all constants if your project supports PHP 7.1 or later

**Code quality manual check:**

**Medium** - Controllers contain logics from models

**Overall quality:** Average

**Requires immediate attention:** **No**

**Module Name:** AuditStore\_CsvImport

**Module name in the store:** Catalog > CsvImport > Manual Sync

**Short description:** Custom product data import from CSV files

**Code sniffer check:**

There are 3 errors and 50 warnings.

**The most critical errors and warnings**

FILE:

app/code/AuditStore/CsvImport/Model/InputCsvFileManager.php

51 | ERROR | Direct use of \$\_FILES Superglobal detected.

54 | ERROR | Direct use of \$\_FILES Superglobal detected.

All warnings are related to code style.

**Code quality manual check:**

**Medium**

- Incorrect parameter types
- Unescaped output in template
- Deprecated admin interface practices

**Overall quality:** Average

**Requires immediate attention:** **Yes**

**Module Name:** AuditStore\_ForceReindex

**Module name in the store:** -

**Short description:** Adds possibility to run CLI full reindex command from admin interface

**Code sniffer check:**

There are 0 errors and 1 warning.

Warning is related to code style.

**Code quality manual check:**

No issues

**Overall quality:** Good

**Requires immediate attention:** No

**Module Name:** AuditStore\_Honeypot

**Module name in the store:** -

**Short description:** Adds possibility to forbid bots checkout using honeypot techniques

**Code sniffer check:**

There are 1 error and 5 warnings.

**The most critical errors and warnings**

FILE: app/code/AuditStore/Honeypot/Plugin/RestValidationPlugin.php

48 | WARNING | The use of function print\_r() is discouraged

58 | ERROR | Use of exit language construct is discouraged.

All warnings are related to code style.

**Code quality manual check:**

No issues

**Overall quality:** Good

**Requires immediate attention:** No

# Log Analysis

## File system logs

### Summary

We recommend reviewing and addressing Critical and High errors first.

This section lists the most frequent errors from the Magento logs, composed by analyzing the logs over the seven full days in a row. Each error has a description of potential impact and estimated severity level.

These are just quick reports, they need to be investigated further in order to provide more details.

**Error message:**

TypeError: Unsupported operand types: string \* int in  
app/code/Sm/ShopBy/Block/FilterRenderer.php:52

**Occurrences:** 5891

**File:** exception.log

**Potential impact:** Can't use filters on PLPs

**Severity:** High

**Error message:**

Magento\Framework\Exception\NoSuchEntityException: There is no such media asset with path  
"wysiwyg/note3.png" in  
vendor/magento/module-media-gallery/Model/Asset/Command/GetByPath.php:81

**Occurrences:** 665

**File:** exception.log

**Potential impact:** Can't show Image on static pages / in static blocks

**Severity:** Medium

**Error message:**

Placing an order with quote\_id 244206 is failed: Veuillez vérifier les informations concernant  
l'adresse de livraison. "street" is required. Enter and try again. "city" is required. Enter and try



again. [] []

**Occurrences:** 14

**File:** system.log

**Potential impact:** It is not possible to place an order

**Severity:** Critical

**Error message:**

Type Error occurred when creating object: Sm\MegaMenu\Block\MegaMenu\View, count():  
Argument #1 (\$value) must be of type Countable|array, null given [] []

**Occurrences:** 6

**File:** system.log

**Potential impact:** Main menu doesn't work

**Severity:** High

**Error message:**

Something went wrong while saving the page. Please refresh the page and try again. [] []

**Occurrences:** 88

**File:** system.log

**Potential impact:** It is not possible to update static pages

**Severity:** High

**Error message:**

systempay 2.7.1 - Lyranetwork\Systempay\Model\Method\Standard::getRestApiFormToken : Call  
to URL https://api.systempay.fr/api-payment/V4/Charge/CreatePayment failed with unexpected  
status: 0, cURL error: Operation timed out after 45000 milliseconds with 0 bytes received (28),  
cURL info: Array( [url] => https://api.systempay.fr/api-payment/V4/Charge/CreatePayment

**Occurrences:** 1

**File:** systempay.log

**Potential impact:** Third party service was temporarily unavailable

**Severity:** Low

**Error message:**

Elasticsearch\Common\Exceptions\BadRequest400Exception:

```
{"error":{"root_cause":[{"type":"query_shard_exception","reason":"failed to create query: Value [[32 36 33 39 35 34 34 35 34 36]] is out of range for an integer","index_uuid":"D4WKYsBIR56FYFYKommtxQ","index":"magento2_elastic_new_product_9_v34"}],"type":"search_phase_execution_exception","reason":"all shards failed","phase":"query","grouped":true,"failed_shards":[{"shard":0,"index":"magento2_elastic_new_product_9_v34","node":"xgUZeCyKSbyYJsOyTCwR3w","reason":{"type":"query_shard_exception","reason":"failed to create query: Value [[32 36 33 39 35 34 34 35 34 36]] is out of range for an integer","index_uuid":"D4WKYsBIR56FYFYKommtxQ","index":"magento2_elastic_new_product_9_v34","caused_by":{"type":"illegal_argument_exception","reason":"Value [[32 36 33 39 35 34 34 35 34 36]] is out of range for an integer"}}}], "status":400}
```

**File:** exception.log

**Potential impact:** It can lead to errors in Elasticsearch request results

**Severity:** Medium

**Error message:**

Magento\Framework\Exception\InputException: Can not resolve reCAPTCHA parameter. in vendor/magento/module-re-captcha-ui/Model/CaptchaResponseResolver.php:25

**Occurrences:** 12373

**File:** exception.log

**Potential impact:** It can lead to impossibility to place orders, register customers, etc.

**Severity:** High

## Cron execution log and cron schedule

### Summary

We recommend reviewing and addressing Critical and High errors first.

**Error message:**

```
report.CRITICAL: Error: Class "Zend_Mail" not found in app/code/Lengow/Connector/Helper/Import.php:384
```

**Occurrences:** 24

**Potential impact:** Lengow import flow can't be completed fully (emails are not sent)

**Possible solution:** Switch Zend namespace to Laminas (via official module update or patch it manually)

**Severity:** **Medium**

**Error message:**

[2024-01-22T08:58:46.716979+00:00] report.ERROR: Cron Job adyen\_payment\_process\_notification has an error: SQLSTATE[HY000]: General error: 1205 Lock wait timeout exceeded; try restarting transaction, query was: UPDATE `sales\_order` SET `state` = ?, `status` = ?, `coupon\_code` = ?

...  
`is\_sent\_to\_ga` = ?, `is\_sent\_to\_one\_stock` = ?, `ois\_endpoint` = ?, `is\_sent\_to\_srb` = ?, `additional\_service` = ?, `forter\_status` = ?, `forter\_response` = ?, `from\_lengow` = ? WHERE (entity\_id='1404690'). Statistics: {\"sum\":0,\"count\":1,\"realmem\":0,\"emalloc\":0,\"realmem\_start\":288358400,\"emalloc\_start\":273531456} [] []

**Occurrences:** 10

**Potential impact:** Broken order flow

**Severity:** **Critical**

**Error message:**

report.ERROR: Cron Job indexer\_update\_all\_views has an error: Catalog rule indexing failed. See details in exception log.. Statistics:

{\"sum\":0,\"count\":1,\"realmem\":0,\"emalloc\":0,\"realmem\_start\":288358400,\"emalloc\_start\":268810336} [] []

[2024-01-24T21:16:14.684105+00:00] report.CRITICAL:

Magento\\Framework\\Exception\\LocalizedException: Catalog rule indexing failed. See details in exception log. in vendor/magento/module-catalog-rule/Model/Indexer/IndexBuilder.php:298  
Stack trace:

#0 /vendor/magento/module-catalog-rule/Model/Indexer/Product/ProductRuleIndexer.php(17):

Magento\\CatalogRule\\Model\\Indexer\\IndexBuilder->reindexByIds()

#1 /vendor/magento/module-catalog-rule/Model/Indexer/AbstractIndexer.php(104):

Magento\\CatalogRule\\Model\\Indexer\\Product\\ProductRuleIndexer->doExecuteList()

#2 /vendor/magento/framework/Interception/Interceptor.php(58):

Magento\\CatalogRule\\Model\\Indexer\\AbstractIndexer->executeList()

#3 /vendor/magento/framework/Interception/Interceptor.php(138):

Magento\\CatalogRule\\Model\\Indexer\\Product\\ProductRuleIndexer\\Interceptor->\_\_callParent()

#4 /vendor/magento/framework/Interception/Interceptor.php(153):

Magento\\CatalogRule\\Model\\Indexer\\Product\\ProductRuleIndexer\\Interceptor->Magento\\Framework\\Interception\\{closure}()

#5

```
/generated/code/Magento/CatalogRule/Model/Indexer/Product/ProductRuleIndexer/Interceptor.php(32):  
Magento\CatalogRule\Model\Indexer\Product\ProductRuleIndexer\Interceptor->__callPlugins()  
...  
#40/vendor/symfony/console/Application.php(1040):  
Magento\Cron\Console\Command\CronCommand\Interceptor->run()  
#41/vendor/symfony/console/Application.php(301):  
Symfony\Component\Console\Application->doRunCommand()  
#42/vendor/magento/framework/Console/Cli.php(116):  
Symfony\Component\Console\Application->doRun()  
#43/vendor/symfony/console/Application.php(171): Magento\Framework\Console\Cli->doRun()  
#44/bin/magento(23): Symfony\Component\Console\Application->run()  
#45 {main} [] []
```

**Occurrences:** 1

**Potential impact:** Catalog rule indexer is not valid

**Severity:** Low

**Error message:**

Deadlock [2024-01-25T00:07:57.024493+00:00] report.ERROR: Cron Job indexer\_update\_all\_views has an error: SQLSTATE[40001]: Serialization failure: 1213 Deadlock found when trying to get lock; try restarting transaction, query was: DELETE FROM `catalog\_product\_index\_website`. Statistics:  
{\"sum\":0,\"count\":1,\"realmem\":0,\"emalloc\":0,\"realmem\_start\":478150656,\"emalloc\_start\":418816744} [] []

**Occurrences:** 2

**Potential impact:** Indexer “catalogsearch\_fulltext” may be invalid

**Severity:** Medium

**Error message:**

[2024-01-22T09:05:25.815425+00:00] report.ERROR: Cron Job adyen\_payment\_process\_notification has an error: SQLSTATE[40001]: Serialization failure: 1213 Deadlock found when trying to get lock; try restarting transaction, query was: INSERT INTO `sales\_order\_status\_history` (`parent\_id`, `is\_visible\_on\_front`, `comment`, `status`, `entity\_name`) VALUES (?, ?, ?, ?, ?). Statistics:  
{\"sum\":0,\"count\":1,\"realmem\":0,\"emalloc\":0,\"realmem\_start\":288358400,\"emalloc\_start\":273500664} [] []  
[2024-01-22T09:05:25.842323+00:00] report.CRITICAL: PDOException: SQLSTATE[40001]: Serialization failure: 1213 Deadlock found when trying to get lock; try restarting transaction in /vendor/magento/framework/DB/Statement/Pdo/MySQL.php:90

**Stack trace:**

```
#0 /vendor/magento/framework/DB/Statement/Pdo/Mysql.php(90): PDOStatement->execute()
#1/vendor/magento/framework/DB/Statement/Pdo/Mysql.php(106):
Magento\Framework\DB\Statement\Pdo\Mysql->Magento\Framework\DB\Statement\Pdo{closure}()
#2/vendor/magento/framework/DB/Statement/Pdo/Mysql.php(89):
Magento\Framework\DB\Statement\Pdo\Mysql->tryExecute()
#3/vendor/magento/zend-db/library/Zend/Db/Statement.php(313):
Magento\Framework\DB\Statement\Pdo\Mysql->_execute()
#4/vendor/magento/zend-db/library/Zend/Db/Adapter/Abstract.php(480):
Zend_Db_Statement->execute()
#5 /vendor/magento/zend-db/library/Zend/Db/Adapter/Pdo/Abstract.php(242):
Zend_Db_Adapter_Abstract->query()
...
#46 /vendor/symfony/console/Application.php(1040):
Magento\Cron\Console\Command\CronCommand\Interceptor->run()
#47 /vendor/symfony/console/Application.php(301):
Symfony\Component\Console\Application->doRunCommand()
#48 /vendor/magento/framework/Console/Cli.php(116):
Symfony\Component\Console\Application->doRun()
#49 /vendor/symfony/console/Application.php(171): Magento\Framework\Console\Cli->doRun()
#50 /bin/magento(23): Symfony\Component\Console\Application->run()
#51 {main}
```

**Occurrences:** 1

**Potential impact:** Error can brake order flow

**Severity:** Critical

**Error message:**

```
[2024-01-30T00:09:27.254650+00:00] report.ERROR: Cron Job indexer_reindex_all_invalid has an error: SQLSTATE[40001]: Serialization failure: 1213 Deadlock found when trying to get lock; try restarting transaction, query was: UPDATE `catalog_product_index_price_temp` AS `i` INNER JOIN `catalog_product_index_website` AS `cpiw` ON cpiw.website_id = i.website_id INNER JOIN `catalogrule_product_price` AS `cpp` ON cpp.product_id = i.entity_id AND cpp.customer_group_id = i.customer_group_id AND cpp.website_id = i.website_id AND cpp.rule_date = cpiw.website_date SET `i`.`final_price` = LEAST(final_price, IFNULL(cpp.rule_price, i.final_price)), `i`.`min_price` = LEAST(min_price, IFNULL(cpp.rule_price, i.min_price)) WHERE (i.entity_id IN (286156, 286171, 286240, 286285, 286300, 286315, 286369, 286378, 286405, 286432, 286450, 286471, 286504, 286552, 286600, 286615, 286636, 286681,
```

286687, 286705, 286723, ...)). Statistics:

```
{"sum":0,"count":1,"realmem":0,"emalloc":0,"realmem_start":288358400,"emalloc_start":268628240} [] []
```

[2024-01-30T00:09:27.258248+00:00] report.CRITICAL: PDOException: SQLSTATE[40001]: Serialization failure: 1213 Deadlock found when trying to get lock; try restarting transaction in /vendor/magento/framework/DB/Statement/Pdo/Mysql.php:90

Stack trace:

```
#0 /vendor/magento/framework/DB/Statement/Pdo/Mysql.php(90): PDOStatement->execute()
#1 /vendor/magento/framework/DB/Statement/Pdo/Mysql.php(106):
Magento\Framework\DB\Statement\Pdo\Mysql->Magento\Framework\DB\Statement\Pdo\{closure}()
#2 /vendor/magento/framework/DB/Statement/Pdo/Mysql.php(89):
Magento\Framework\DB\Statement\Pdo\Mysql->tryExecute()
#3 /vendor/magento/zend-db/library/Zend/Db/Statement.php(313):
Magento\Framework\DB\Statement\Pdo\Mysql->_execute()
#4 /vendor/magento/zend-db/library/Zend/Db/Adapter/Abstract.php(480):
Zend_Db_Statement->execute()
#5 /vendor/magento/zend-db/library/Zend/Db/Adapter/Pdo/Abstract.php(242):
Zend_Db_Adapter_Abstract->query()
....
#52 /vendor/symfony/console/Application.php(1040):
Magento\Cron\Console\Command\CronCommand\Interceptor->run()
#53 /vendor/symfony/console/Application.php(301):
Symfony\Component\Console\Application->doRunCommand()
#54 /vendor/magento/framework/Console/Cli.php(116):
Symfony\Component\Console\Application->doRun()
#55 /vendor/symfony/console/Application.php(171): Magento\Framework\Console\Cli->doRun()
#56 /bin/magento(23): Symfony\Component\Console\Application->run()
#57 {main}
```

**Occurrences:** 1

**Potential impact:** Indexer “catalog\_product\_price” may be invalid - therefore prices on FE can be invalid

**Severity:** High

## Cron jobs statuses

### Summary

- “Process went away” status may be caused by the EthanYehuda\_CronjobManager module. We highly recommend fine-tuning its options.
- The rest cron errors are linked to the below table and should be addressed accordingly

Statistics collected over an interval of 3 days

We have 2400 cron jobs with statuses: missed, error, running.

Most jobs are missed and jobs in error status have a message “Process went away at %”

Table with cron jobs grouped by their status:

<b>Cron job code</b>	<b>Statuses</b>
amasty_mostviewed_analytics_collect_click	missed
temando_process_platform_events	missed
get_google_shopping_id	Error (Process went away)
send_queue	error (Process went away)
force_reindex	error (Process went away)
consumers_runner	error (Process went away),missed,running
get_amazon_authorization_updates	missed
indexer_reindex_all_invalid	<a href="#">error</a> ,missed
indexer_update_all_views	<a href="#">Error</a> , <a href="#">error</a> , missed
inventory_in_store_pickup_sales_send_order_notified_emails	missed
mollie_remove_sent_payment_reminders	missed
sales_grid_order_async_insert	missed
sales_grid_order_creditmemo_async_insert	missed
sales_grid_order_invoice_async_insert	missed

sales_grid_order_shipment_async_insert	missed
sales_send_order_creditmemo_emails	missed
sales_send_order_emails	missed
sales_send_order_invoice_emails	missed
sales_send_order_shipment_emails	missed
staging_synchronize_entities_period	error (Process went away)

## Long-running jobs

### Summary

- First of all, review jobs running more than five minutes (300+ seconds)
- Then review the rest jobs in the table

Job Code	Avg time in seconds	Number of runs
amasty_mostviewed_build_together_index	695	1
create_refunds	800	2
feeds_process	416	122
simplegoogleshopping_generate	223	1
aggregate_sales_report_best_sellers_data	215	1
updateGoogleAvailability	184	1
alytics_collect_data	128	1

## Cron groups configuration

### Summary

Apply recommended update.



- “Failure History Lifetime” for each group recommended be 14400 minutes (10 days) instead of 4320 minutes (3 days) - Status: **Config update recommended**
- “Success History Lifetime” for each group recommended be 14400 minutes (10 days) - Status: **OK**
- “History cleanup every” for each group recommended be more than 60 minutes - Status: **OK**
- “Generates schedule every” for each group recommended be more or equal 10 minutes - Status: **OK**
- “Missed if not run within” for each group recommended be 10 minutes - Status: **OK**
- “Schedule ahead for” for each group recommended be more or equal 10 minutes - Status: **OK**

# Emails quality audit

## Summary

Email messages score is very good. But there is some issues with messages which recommended to be fixed to reach the highest score:

1. Images without "alt" attribute.
2. DKIM or DK signature is not valid

## Description

Check if any emails are sent directly by Magento, and validate their quality.

## Customer registration email

1. <https://www.audit-store.com/> - Score 9.5/10
  - a. Images without alt attribute
    - i. `<img width="1" height="1" src='http://r.transac.audit-store.com/tr/op/0vWwkg77-KtLpcpY3qWuaKvIHO-S8GXreUdEqW8-JH-hNA9CcGoOIHDF8Ey2YL6pu_MblChplb7DWzL_FJ9Hp0Zzt-88rhChhVFfeTJ_sTgh8pmlTWsYqp-G7riP_izqY'>`
    - ii. ``
    - iii. ``
    - iv. ``
2. <https://www.audit-store.com/uk/> - Score 9.5/10
  - a. Images without alt attribute
    - i. `<img width="1" height="1" src='http://r.transac.audit-store.com/tr/op/1qoM05BbqHu-DBQO3UFof8pcNB7OIQWhhz0w634Q90E6b0Q4D-BoypVE-_s_ISr0QBZsR_zvzil7pkQA0UVf88X2xvgF5x80thJTf-7sRslQCMRelelHjqSdPm5ljC3sib'>`
    - ii. ``

- b52d5e44f61037fe2057bafa5881286687a45b4bc14ada.png?e=3W9bhNe  
ATuueUBkLAaug-gXmnzydrSKL5nliiAzmsYV4D
- iii.  - Score 9.5/10
  - a. Images without alt attribute

### Subscription email

1. <https://www.audit-store.com/> - Score 9.5/10
  - a. Images without alt attribute
2. <https://www.audit-store.com/cz/> - Score 7.3/10
  - a. Message has a DKIM or DK signature, not necessarily valid  
This rule is automatically applied if your email contains a DKIM signature but other positive rules will also be added if your DKIM signature is valid.
  - b. Too many es are not es
  - c. Images without alt attribute
3. <https://www.audit-store.com/de> - Score 9.5/10
  - a. Images without alt attribute
4. <https://www.audit-store.com/dk> - Score 9.5/10
  - a. Images without alt attribute
5. <https://www.audit-store.com/uk> - Score 9.5/10
  - a. Images without alt attribute
6. <https://www.audit-store.com/es> - Score 9.5/10
  - a. Images without alt attribute
7. <https://www.audit-store.com/it> - Score 9.5/10
  - a. Images without alt attribute
8. <https://www.audit-store.com/nl> - Score 9.5/10
  - a. Images without alt attribute
9. <https://www.audit-store.com/se> - Score 9.5/10
  - a. Images without alt attribute

### Ticket creation email

1. <https://www.audit-store.com/> - Score 9.5/10

- a. Images without alt attribute
- 2. <https://www.audit-store.com/cz/> - Score 9.5/10
  - a. Images without alt attribute
- 3. <https://www.audit-store.com/de> - Score 9.5/10
  - a. Images without alt attribute
- 4. <https://www.audit-store.com/dk> - Score 9.5/10
  - a. Images without alt attribute
- 5. <https://www.audit-store.com/uk> - Score 9.5/10
  - a. Images without alt attribute
- 6. <https://www.audit-store.com/es> - Score 9.5/10
  - a. Images without alt attribute
- 7. <https://www.audit-store.com/it> - Score 9.5/10
  - a. Images without alt attribute
- 8. <https://www.audit-store.com/nl> - Score 9.5/10
  - a. Images without alt attribute
- 9. <https://www.audit-store.com/se> - Score 9.5/10
  - a. Images without alt attribute

# Security audit

## Summary

Upgrade to the latest version. Close port 3306

- Magento version: 2.4.6-p3 - **Not latest version**
  - For security reasons, it is highly recommended to update Magento to the latest version (2.4.6-p6). This update resolves critical vulnerabilities. Successful exploitation could lead to arbitrary code execution (<https://helpx.adobe.com/security/products/magento/apsb24-03.html>).
- Custom admin url - **OK**
- SSL certificate grade:
  - <MAIN\_SITE\_URL> - **A+**
  - <INTERNATIONAL\_SITE\_URL> - **A+**
- MageReport - **site fully secure**
  - Safe magento version
  - Gurulnc Javascript Hack is not detected
  - No Ransomware is detected
  - Exposed Magento 2 API is protected
  - Cacheleak is not detected
  - Cryptojacking code is not detected
  - Development files are protected
  - Version control system usage is hidden
  - SSL protection is good
  - Credit Card Hijack is not detected
- Open ports - **Extra opened ports**
  - <MAIN\_SITE\_URL> - 3306 (DB connection port)
  - <INTERNATIONAL\_SITE\_URL> - 3306 (DB connection port)

# Performance Audit

## GraphQL performance

### Summary

Website used for analysis: **FR**

<p><b>Home page without cache</b> <b>Number of database queries:</b> 5122 <b>The longest query:</b> 2.0 sec <b>Needs further profiling:</b> <b>Yes</b> <b>Notices:</b> Menu structure SQL requests can be cached and/or optimized There are a lot of product lists on the Home page. Mostly it can be optimized. New categories list can be optimized.</p>
<p><b>Home page cached</b> <b>Number of database queries:</b> 5 <b>The longest query:</b> 0.387 sec <b>Needs further profiling:</b> <b>No</b></p>
<p><b>Product list page without cache</b> <b>Number of database queries:</b> 4742 <b>The longest query:</b> 4.39 sec <b>Needs further profiling:</b> <b>Yes</b> <b>Notices:</b> Menu structure SQL requests can be cached and/or optimized There are a lot of identical SQL requests that can be cached and/or optimized</p>
<p><b>Product list page cached</b> <b>Number of database queries:</b> 5 <b>The longest query:</b> 0.112 sec <b>Needs further profiling:</b> <b>No</b></p>
<p><b>Product details page without cache</b> <b>Number of database queries:</b> 4072 <b>The longest query:</b> 2.63 sec <b>Needs further profiling:</b> <b>Yes</b> <b>Notices:</b> Menu structure SQL requests can be cached and/or optimized There are a lot of SQL requests to get product attributes values that can be cached and/or optimized</p>
<p><b>Product details page cached</b> <b>Number of database queries:</b> 5</p>

The longest query: 0.163 sec  
Needs further profiling: No

## Queue performance

### Summary

- We recommend against using queues for reindex because this can cause database deadlocks and reindex conflicts (AuditStore\_CategoryProductReindexingQueue and AuditStore\_ManualReindex modules)
- Consider [Indexer optimization techniques](#) to fine-tune reindex parameters and improve reindex speed and stability

Queue name	Module	Database queries count
category_product_indexing_queue	AuditStore_CategoryProductIndexingQueue	254
audit_store_csvimport	AuditStore_CsvImport	15
audit_store_algamimport_qtysync	AuditStore_AlgamImport	88
audit_store_algamimport_fullsync	AuditStore_AlgamImport	89
queue.costprixtarif.sync.processor	AuditStore_Emdmusic	89
manual_full_reindex_queue	AuditStore_ManualReindex	13409
partial_indexation_by_id_list_queue	AuditStore_ManualReindex	5780
queue.emdmusic.sync.processor	AuditStore_Emdmusic	55
audit_store_htd_qtysync	AuditStore_Htd	118
audit_store_saico_productimport	AuditStore_SaicoImport	81
audit_store_saico_pricecostsync	AuditStore_SaicoImport	43
audit_store_saico_qtysync	AuditStore_SaicoImport	110
adyen.notification	Adyen_Payment	22





# Overall summary

Overall audit score is 8/10.

Each audit section has its own Summary that outlines main pain points and our recommendations on how to address them.

The below table breaks down scores for audit sections.

Section	Score
<b>Code Audit</b>	
Detailed audit of third-party modules	7.5/10
Custom modules (detailed audit)	8/10
<b>Log Analysis</b>	
File system logs	5/10
Cron execution log and cron schedule	6/10
Cron jobs statuses	5/10
Long-running jobs	7/10
Cron groups configuration	9/10
<b>Emails quality audit</b>	9.5/10
<b>Security audit</b>	9/10
<b>Performance Audit</b>	
GraphQL performance	9/10
Queue performance	8/10

# Attachment

## Code sniffer check

**Module Name:** EthanYehuda\_CronjobManager  
**Module name in the store:** Cron Job Manager  
**Short description:** Module for cron jobs managing

**Code sniffer check:**

There are 4 errors and 367 warnings.

FILE: vendor/ethanyehuda/magento2-cronjobmanager/Model/Manager.php  
The use of function is\_null() is discouraged; use strict comparison "=== null()" instead

FILE:  
vendor/ethanyehuda/magento2-cronjobmanager/Model/ProcessManagement.php  
The use of function posix\_kill() is discouraged  
The use of function sleep() is discouraged

FILE: vendor/ethanyehuda/magento2-cronjobmanager/Console/Command/Runjob.php  
Direct use of \$\_SERVER Superglobal detected.

FILE: vendor/ethanyehuda/magento2-cronjobmanager/Helper/Processor.php  
The use of the deprecated method 'getResource()' to 'save' the data detected.  
The use of function call\_user\_func\_array() is discouraged

Rest of the warnings and errors are related to code style.

**Code quality manual check:**

**Low** - unused private property

vendor/ethanyehuda/magento2-cronjobmanager/Controller/Adminhtml/Config/Job/RestoreSystemDefault.php:24

vendor/ethanyehuda/magento2-cronjobmanager/Controller/Adminhtml/Config/Job/Save.php:24

**Overall quality:** Good

**Module Name:** Ess\_M2ePro  
**Module name in the store:** Integration  
**Short description:** eBay / Amazon / Walmart Integration for Magento

**Code sniffer check:**

There are 40 errors and 28288 warnings.

FILE: vendor/m2epro/magento2-extension/view/adminhtml/templates/order/note.phtml

FILE: vendor/m2epro/magento2-extension/view/adminhtml/templates/dashboard.phtml

FILE:

vendor/m2epro/magento2-extension/view/adminhtml/templates/control\_panel/tabs/change\_tracker/logs.phtml

FILE:

vendor/m2epro/magento2-extension/view/adminhtml/templates/control\_panel/tabs/change\_tracker/executed\_time.phtml

FILE:

vendor/m2epro/magento2-extension/view/adminhtml/templates/dashboard/sales.phtml

FILE:

vendor/m2epro/magento2-extension/view/adminhtml/templates/dashboard/listing\_product\_issues.phtml

FILE:

vendor/m2epro/magento2-extension/view/adminhtml/templates/dashboard/shipments.phtml

FILE:

vendor/m2epro/magento2-extension/view/adminhtml/templates/dashboard/sales/tab.phtml

FILE:

vendor/m2epro/magento2-extension/view/adminhtml/templates/dashboard/errors.phtml

Unescaped output detected

FILE: vendor/m2epro/magento2-extension/Helper/Data.php

Function utf8\_encode() is deprecated since PHP 8.2; Use mb\_convert\_encoding(), UConverter::transcode() or iconv instead

Rest of the warnings and errors are related to code style.

**Code quality manual check:**

No issues

**Overall quality:** Good

**Module Name:** Aheadworks\_Helpdesk2

**Module name in the store:** Integration

**Short description:** Module for cron jobs managing

**Code sniffer check:**

There are 53 errors and 2820 warnings.

All errors:

Avoid using self-closing tag with non-void html element

That means that in some browsers elements can have unexpected behavior.

**Code quality manual check:**

**Low** - unused local variable \$data

vendor/aheadworks/module-helpdesk/Ui/DataProvider/Ticket/OptionsDataProvider.php:99

**Low** - redundant catch (because localized exception is parent of this exception)

Aheadworks/module-helpdesk/Controller/Adminhtml/Automation/Save.php:83

aheadworks/module-helpdesk/Controller/Adminhtml/Department/Save.php:83

aheadworks/module-helpdesk/Controller/Adminhtml/ThirdParty/Aheadworks/CouponGenerator/Generate.php:159

**Medium** - code is using interface that doesn't exist by default and there is no dependency in module.xml/composer.json

aheadworks/module-helpdesk/Controller/Adminhtml/ThirdParty/Aheadworks/CouponGenerator/Generate.php:174

**Medium** - code is not null-safe

aheadworks/module-helpdesk/Model/Automation/Action/Handler/AssignTicketToAgent.php:75

aheadworks/module-helpdesk/Model/Automation/Action/Handler/ChangeDepartment.php:54

aheadworks/module-helpdesk/Model/Automation/Action/Handler/ChangePriority.php:54

aheadworks/module-helpdesk/Model/Automation/Action/Handler/ChangePriority.php:80

Aheadworks/Helpdesk/Model/Automation/Action/Handler/SendEmail.php:63,64

Aheadworks/Helpdesk/Model/Automation/Action/Handler/SendEmailToSupervisor.php:84

aheadworks/module-helpdesk/Model/Automation/Action/Message/Generator/Content.php:37

aheadworks/module-helpdesk/Model/Department/Permission/Converter.php:49

\\Aheadworks\Helpdesk2\Plugin>Contact\Controller\PostPlugin::prepareTicketData

aheadworks/module-helpdesk/Ui/Component/Form/Department/Element/Gateway.php:61

aheadworks/module-helpdesk/Ui/Component/Listing/Columns/LinkColumn.php:23

**Medium** - event observer is not catching exceptions. It can trigger critical error  
aheadworks/module-helpdesk/Observer/Model/TicketBeforeDeleteObserver.php:39  
aheadworks/module-helpdesk/Observer/Order/CreatedOrderEventObserver.php:47  
aheadworks/module-helpdesk/Observer/Order/StatusChangedEventObserver.php:53  
aheadworks/module-helpdesk/Observer/Ticket/AutomationEventObserver.php:52  
aheadworks/module-helpdesk/Observer/Ticket/TicketEscalatedEventObserver.php:52  
aheadworks/module-helpdesk/Observer/Ticket/TicketRatingChangeEventObserver.php:48  
aheadworks/module-helpdesk/Observer/Ticket/TicketStatusChangeEventObserver.php:47

**Low** - using SQL queries not in the resource model  
\\Aheadworks\\Helpdesk2\\Plugin\\Eav\\Model\\ReadSnapshotPlugin::afterExecute

**Low** - using script tag inside of the phtml file  
aheadworks/module-helpdesk/view/adminhtml/templates/ui/form/element/autocomplete.phtml:13  
aheadworks/module-helpdesk/view/frontend/templates/contact/restrict\_email\_input.phtml:13

**Overall quality:** Medium

**Module Name:** Mirasvit\_Credit  
**Module name in the store:** Store Credit  
**Short description:** TODO

**Code sniffer check:**  
There are 87 errors and 1503 warnings.

FILE:  
vendor/mirasvit/module-credit/src/Credit/Model/ResourceModel/ProductOptionCredit/Collection.php  
The use of function intval() is discouraged; use (int) construction() instead

FILE:  
vendor/mirasvit/module-credit/src/Credit/view/adminhtml/templates/product/composite/fieldset/options/type/range.phtml

FILE:  
vendor/mirasvit/module-credit/src/Credit/view/adminhtml/templates/product/composite/fieldset/options/type/fixed.phtml

FILE:  
vendor/mirasvit/module-credit/src/Credit/view/adminhtml/templates/customer/edit/tab/

credit.phtml

FILE:

vendor/mirasvit/module-credit/src/Credit/view/adminhtml/templates/sales/order/totals/c  
redit.phtml

FILE:

vendor/mirasvit/module-credit/src/Credit/view/adminhtml/templates/sales/order/totals/c  
redit\_refunded.phtml

Unescaped output detected.

FILE:

vendor/mirasvit/module-credit/src/Credit/view/adminhtml/web/template/dynamic-rows/t  
emplates/option.html

FILE:

vendor/mirasvit/module-credit/src/Credit/view/adminhtml/web/template/form/compone  
nts/complex.html

Avoid using self-closing tag with non-void html element

FILE: vendor/mirasvit/module-credit/src/Credit/registration.php

17 | WARNING | The use of function dirname() is discouraged; use  
Magento\Framework\Filesystem\DriverInterface::getParentDirectory() instead

17 | WARNING | The use of function dirname() is discouraged; use  
Magento\Framework\Filesystem\DriverInterface::getParentDirectory() instead

17 | WARNING | The use of function dirname() is discouraged; use  
Magento\Framework\Filesystem\DriverInterface::getParentDirectory() instead

18 | WARNING | The use of function file\_exists() is discouraged

FILE:

vendor/mirasvit/module-credit/src/Credit/Observer/OrderSaveCommitAfterObserver.ph  
p

105 | WARNING | [ ] The use of the deprecated method 'getResource()' to 'load' the  
data detected.

Rest of the warnings and errors are related to code style.

#### **Code quality manual check:**

**Low** - generating HTML inside of non-block or phtml file

vendor/mirasvit/module-credit/src/Credit/Model/Config/CreditTotalOrder/Comment.php  
:54

**Low** - using SQL not in the resource model

vendor/mirasvit/module-credit/src/Credit/Model/Import/Transaction.php:386

\Mirasvit\Credit\Ui\QuickDataBar\ReceivedDataBlock

\Mirasvit\Credit\Ui\QuickDataBar\TransactionsDataBlock

\Mirasvit\Credit\Ui\QuickDataBar\SpentDataBlock

**Low** - modifying input object in observer

vendor/mirasvit/module-credit/src/Credit/Observer/QuotePaymentImportDataBefore.php:36

**Low** - using script tag in phtml

vendor/mirasvit/module-credit/src/Credit/view/adminhtml/templates/product/composite/fieldset/options/type/fixed.phtml:17

vendor/mirasvit/module-credit/src/Credit/view/adminhtml/templates/product/composite/fieldset/options/type/range.phtml:30

vendor/mirasvit/module-credit/src/Credit/view/adminhtml/templates/sales/order/create/payment.phtml:8

vendor/mirasvit/module-credit/src/Credit/view/adminhtml/templates/transaction/edit/customer.phtml:12

vendor/mirasvit/module-credit/src/Credit/view/frontend/templates/checkout/cart/credit.phtml:55

vendor/mirasvit/module-credit/src/Credit/view/frontend/templates/customer/account/balance.phtml:42

vendor/mirasvit/module-credit/src/Credit/view/frontend/templates/customer/account/send\_to\_friend.phtml:60

**Medium** - code is not null safe

vendor/mirasvit/module-credit/src/Credit/view/frontend/templates/product/view/options/type/fixed.phtml:8

vendor/mirasvit/module-credit/src/Credit/view/frontend/templates/product/view/options/type/range.phtml:5

**Overall quality:** Low

**Module Name:** FLOA\_Payment

**Module name in the store:** FLOA Pay

**Short description:** Extension for payment method

**Code sniffer check:**

There are 71 errors and 1244 warnings.

All warnings and errors are related to code style.

FILE: vendor/floa/payment/Setup/Scripts.php

"include" statement detected. File manipulations are discouraged. Variables inside are insecure.

The use of function glob() is discouraged; use

Magento\Framework\Filesystem\Glob::glob() instead

The use of function pathinfo() is discouraged; use  
Magento\Framework\Filesystem\Io\File::getPathInfo() instead  
The use of function pathinfo() is discouraged; use  
Magento\Framework\Filesystem\Io\File::getPathInfo() instead  
The use of function pathinfo() is discouraged; use  
Magento\Framework\Filesystem\Io\File::getPathInfo() instead

FILE: vendor/floa/payment/Helpers/FloaTools.php  
The use of function intval() is discouraged; use (int) construction() instead

FILE: vendor/floa/payment/Helpers/EligibilityHelper.php  
"require\_once" statement detected. File manipulations are discouraged. Statement is not a function, no parentheses are required. Concatenating is forbidden.

FILE: vendor/floa/payment/Model/FloaPayManagement.php  
The use of function curl\_init() is discouraged  
The use of function curl\_setopt() is discouraged  
The use of function curl\_exec() is discouraged  
The use of function curl\_getinfo() is discouraged  
FILE: vendor/floa/payment/view/frontend/templates/payment.phtml  
Unescaped output detected.

FILE: vendor/floa/payment/view/frontend/web/images/logos/index.php  
The use of function header() is discouraged

FILE: vendor/floa/payment/Block/Adminhtml/Sales/FloaPayment.php  
The use of function unserialize() is forbidden; use  
\Magento\Framework\Serialize\SerializerInterface::unserialize() instead  
The use of function serialize() is forbidden; use  
\Magento\Framework\Serialize\SerializerInterface::serialize() instead

**Code quality manual check:**

**High** - object manager usage

vendor/floa/payment/Block/Adminhtml/System/Config/Form/Field/ShippingMethods.php:57

vendor/floa/payment/Controller/Eligibility/Index.php:77

**Medium** - code is not null safe

vendor/floa/payment/Controller/Payment/Validate.php:80

\FLOA\Payment\Helpers\EligibilityHelper::customer

High - checkout observer is not catching any exceptions

\FLOA\Payment\Plugin\SubmitObserver::beforeExecute



**Low** - business logics inside of phtml template instead of block/view model  
vendor/floa/payment/view/frontend/templates/payment.phtml:38

**Overall quality:** Low