amasty

Composer User Guide

What is Composer?

Composer is a popular package manager for PHP. Many platforms use composer, including Magento 2. Within Magento 2, Composer allows managing libraries, Magento and third-party modules.

Why is it better to use Composer?

Composer offers automatic management of modules:

- Packages are installed automatically with one command and there is no need to manually upload them;
- Composer automatically installs the dependency modules and libraries required for the main module;
- Composer is capable of updating multiple modules in one run;
- With composer, it is possible to install a specific version of the module.

Important: Since January 14, 2025, all Amasty extensions **will only be available for installation via Composer**. Direct downloads from a customer account will no longer be supported.

This change is being implemented to provide:

- **Simplified installation process:** Composer simplifies managing versions and dependencies of installed products, making updates, downgrades, and new installations more efficient.

- **Better compliance and security:** Using Composer ensures extensions are used in accordance with our license agreement, safeguarding both your projects and our intellectual property.

How does it work?

Composer installs, updates and removes modules once a specific command has been run. It scans the `composer.json` file and manages modules according to the set dependencies.

How to start using Composer for Amasty extensions?

To download and install Magento modules, the vendor repository is required. The repository is a Composer path to the storage with Amasty extensions. Without the repository, Composer won't be able to locate and download the requested package.

The Amasty repository can be added with the next command:

```
composer config repositories.amasty composer <path>
```

Where <path> indicates the repository for a specific Magento edition:
https://composer.amasty.com/community/ - for community extensions.
https://composer.amasty.com/enterprise/ - for enterprise extensions.

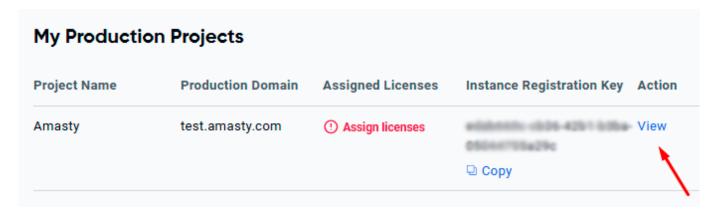# Where to generate access keys and find Composer names?

Amasty repository is a private one. To access the purchased modules, access keys are required. The customer will be asked for a login (Public Key) and password (Private Key) when trying to install the package from the Amasty Composer repository.

To obtain the keys, you must complete the **License Registration** process. Please ensure you've created the project and assigned all your extensions to the appropriate domains you're working with to comply with our license agreement.
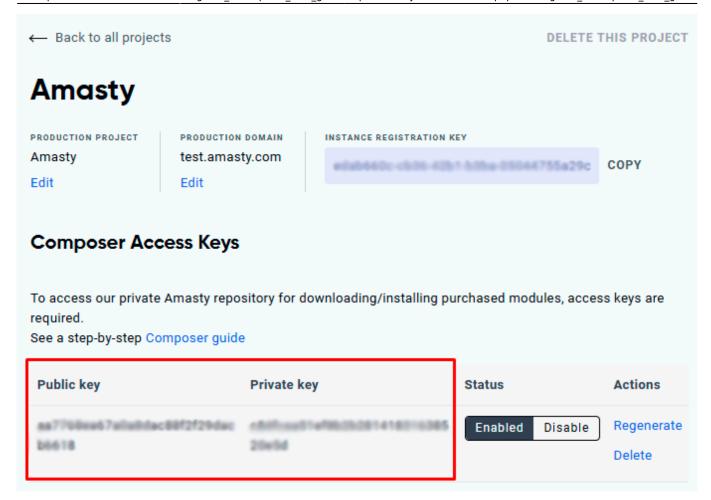
Follow the steps in this guide to manage your licenses effectively.

Learn more about the License Checker here.

Access keys can be found and generated in the Customer Account on **Amasty.com → Account → License Registration**. Navigate to **My Production Projects** and click the **View** button:

Here you can copy **Public Key** and **Private Key** for Composer use:

Composer Access Keys in projects provide access to Composer only for the modules **assigned to the project**. Therefore, it is important to ensure that all licenses are assigned to the appropriate projects.

It is possible to manually save the keys in the repository, so there is no need to get authorized every time. Find the Magento root directory and indicate:

```
composer config --auth http-basic.composer.amasty.com
$COMPOSER_AMASTY_USERNAME $COMPOSER_AMASTY_PASSWORD
```

Where **$COMPOSER_AMASTY_USERNAME** is the *Public Key* and **$COMPOSER_AMASTY_PASSWORD** is the *Private Key*.

Otherwise, when the customer will be asked for access keys for the first time, they need to agree to save the credentials by printing "yes":

After the authorization is successfully finished, installation and update of modules can be started.

The list of the purchased extensions and their composer names are available at the Customer account at **Amasty.com → Account → Products**. Composer names of extensions can be found at the **Composer packages** section:

Products

We provide you with new features and compatibility setup to make our extensions keep up with the market trends and improve your store with the latest tools.

Please note that all your extensions purchased before Feb 1, 2022 are automatically covered with maintenance, including compatibility setup and bug fixes.

Composer packages

When installing/updating Amasty extensions for Magento 2 via Composer, use `Composer name`
Follow this step-by-step guide 🗗

Extension	Version	License status	Action
Google Map for Magento 2 Community Composer name: amasty/module-google-map Order ID: #1000271886	1.0.7	Assigned to Amasty	

Composer commands and their usage

Composer allows to run various operations with extension packages:

Checking available extensions and their versions

The next command will show all available for download Amasty modules:

```
composer show -a amasty/*
```

```
user@server composer show -a amasty/*
amasty/adminactionslog
amasty/advanced-review
amasty/advanced-review-graphql
amasty/advanced-reviews-page-builder
amasty/affiliate
amasty/ajax-scroll
amasty/amcart
amasty/aminvisiblecaptcha
amasty/amp
amasty/async-operations
amasty/async-operations
amasty/base
amasty/blog
amasty/blog-graphql
amasty/blog-page-builder
amasty/cart
amasty/checkout-graph-ql
amasty/color-swatches-graphql
amasty/color-swatches-graphql
amasty/color-swatches-pro
amasty/coupons
amasty/cron-schedule-list
amasty/cron-scheduler
amasty/cross-links
amasty/custom-stock-status-msi
amasty/custom_product_sorting
amasty/customer-group-assign
amasty/customers-also-viewed-graphql
amasty/delivery-date
amasty/duplicatecategories
amasty/elastic-search-premium
amasty/email-unsubscribe
amasty/extra-fee-graph-ql
amasty/fbreview
amasty/feed
amasty/finder
amasty/followup
amasty/gdpr-cookie
amasty/geoip
amasty/geoipredirect
amasty/gift-card-lite
amasty/gift-card-premium
```

To check what module versions are available, a variation of the command should be used:

```
composer show -a amasty/module-name
```

```
user@server composer show -a amasty/base
name      : amasty/base
descrip. : Amasty Base
keywords :
versions : * 1.12.18, 1.12.17, 1.12.16, 1.12.15, 1.12.14, 1.12.13, 1.12.11, 1.12.10, 1.12.9, 1.12.8, 1.12.7, 1.12.
9, 1.10.8, 1.10.7, 1.10.6, 1.10.5, 1.10.4, 1.10.3, 1.10.2, 1.10.1, 1.10.0, 1.9.10, 1.9.7, 1.9.6, 1.9.5, 1.9.4, 1.9
6.6, 1.6.5, 1.6.4, 1.6.3, 1.6.2, 1.6.1, 1.6.0, 1.5.6, 1.5.5, 1.5.4, 1.5.3, 1.5.2, 1.5.1, 1.5.0, 1.4.11, 1.4.10, 1.
.3.4, 1.3.3, 1.3.2, 1.3.1, 1.3.0, 1.2.0, 1.1.2, 1.1.1, 1.1.0, 1.0.1
type      : magento2-module
license  : Commercial
homepage :
source   : []
dist     : [zip] https://composer.amasty.com/community/packages/base-1.12.18.zip
path     : /var/www/vhosts/myanushkevich/mg2431ce/vendor/amasty/base
names    : amasty/base

autoload
files
psr-4
Amasty\Base\ => .

requires
php ^7.3.0
 user@server []
```

Extension installation

To install the module, the following command should be used:

```
composer require amasty/module-name
```


It is possible to install a specific version of the module with this command:

```
composer require amasty/module-name:1.2.3
```

One of the significant composer advantages is that it allows installing multiple extensions with one run. Extensions should be listed with a space:

```
composer require amasty/module-name-a amasty/module-name-b amasty/module-
name-c
```


To activate the extension, the commands below should be executed:

```
php bin/magento setup:upgrade
```

```
user@server php bin/magento setup:upgrade
Cache types config flushed successfully
Cache cleared successfully
File system cleanup:
/var/www/vhosts/myanushkevich/mg2431ce/generated/code/Amasty
/var/www/vhosts/myanushkevich/mg2431ce/generated/code/Composer
/var/www/vhosts/myanushkevich/mg2431ce/generated/code/Dotdigitalgroup
/var/www/vhosts/myanushkevich/mg2431ce/generated/code/Magento
/var/www/vhosts/myanushkevich/mg2431ce/generated/code/PayPal
/var/www/vhosts/myanushkevich/mg2431ce/generated/code/Psr
/var/www/vhosts/myanushkevich/mg2431ce/generated/code/Symfony
/var/www/vhosts/myanushkevich/mg2431ce/generated/code/Vertex
/var/www/vhosts/myanushkevich/mg2431ce/generated/code/Yotpo
The directory '/var/www/vhosts/myanushkevich/mg2431ce/generated/metadata/' doesn't exist - skipping cleanup
/var/www/vhosts/myanushkevich/mg2431ce/pub/static/adminhtml
/var/www/vhosts/myanushkevich/mg2431ce/pub/static/deployed_version.txt
/var/www/vhosts/myanushkevich/mg2431ce/pub/static/frontend
/var/www/vhosts/myanushkevich/mg2431ce/var/view_preprocessed/pub
Updating modules:
Cache cleared successfully
Schema creation/updates:
Module 'Magento_AdminAnalytics':
Module 'Magento_Store':
Module 'Magento_AdobeIms':
Module 'Magento_AdobeImsApi':
Module 'Magento_AdobeStockAdminUi':
Module 'Magento_MediaGallery':
Module 'Magento_AdobeStockAssetApi':
Module 'Magento_AdobeStockClient':
Module 'Magento_AdobeStockClientApi':
Module 'Magento_AdobeStockImage':
Module 'Magento_Directory':
Module 'Magento_AdobeStockImageApi':
Module 'Magento_AdvancedPricingImportExport':
Module 'Magento_Theme':
Module 'Magento_Amqp':
Module 'Magento_AmqpStore':
Module 'Magento_Config':
```

If Magento is in **Production** mode, the following commands should also be run:

```
php bin/magento setup:di:compile
php bin/magento setup:static-content:deploy (your locale)
```

```
user@server php bin/magento setup:di:compile
Compilation was started.
Plugin list generation... 9/9 [============================] 100% 53 secs 332.0 MiB
Generated code and dependency injection configuration successfully.
user@server php bin/magento setup:static-content:deploy en_US en_GB -f -j19

Deploy using quick strategy
frontend/Magento/blank/en_US          2285/2285          ============================ 100%   17 secs
adminhtml/Magento/backend/en_US       2945/2945          ============================ 100%   28 secs
frontend/Magento/blank/en_GB          2285/2285          ============================ 100%   17 secs
adminhtml/Magento/backend/en_GB       2945/2945          ============================ 100%   28 secs
frontend/Magento/luma/en_US           2301/2301          ============================ 100%   22 secs
frontend/Magento/luma/en_GB           2301/2301          ============================ 100%   22 secs

Execution time: 36.922477006912
user@server
```

Extension Update

The extension update process is the same as the module installation process. The following command will run the update for a specified extension:

```
composer update amasty/module-name
```

It is also possible to update multiple extensions with one command:

```
composer update amasty/module-name-a amasty/module-name-b amasty/module-
name-c
```


The "update" command updates only the last version number: e.g. 1.2.x (only x will be updated). To update the version from 1.x.x to 1.x.x the following command has to be executed:

```
composer require amasty/module-name --update-with-dependencies (or -w)
```

amasty

```
user@server composer require amasty/feed --update-with-dependencies
Using version ^2.6 for amasty/feed
./composer.json has been updated
Running composer update amasty/feed --with-dependencies
Loading composer repositories with package information
Dependency "amasty/base" is also a root requirement. Package has not been listed as an update argument, so keeping
In Laminas\DependencyPlugin\DependencyRewriterV2::onPrePoolCreate
Updating dependencies
Lock file operations: 0 installs, 1 update, 0 removals
  - Upgrading amasty/feed (2.5.2 => 2.6.16)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 0 installs, 1 update, 0 removals
  - Upgrading amasty/feed (2.5.2 => 2.6.16): Extracting archive
Package container-interop/container-interop is abandoned, you should avoid using it. Use psr/container instead.
Package csharpru/vault-php-guzzle6-transport is abandoned, you should avoid using it. No replacement was suggested
Package hoa/consistency is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/console is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/event is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/exception is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/file is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/iterator is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/protocol is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/stream is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/ustring is abandoned, you should avoid using it. No replacement was suggested.
Package phpunit/php-token-stream is abandoned, you should avoid using it. No replacement was suggested.
Generating autoload files
120 packages you are using are looking for funding.
Use the `composer fund` command to find out more!
user@server
```

Composer allows updating all extensions of one vendor. To update all installed Amasty extensions, the command below can be used:

```
composer update amasty/*
```

```
user@server composer update amasty/*
Loading composer repositories with package information
In Laminas\DependencyPlugin\DependencyRewriterV2::onPrePoolCreate
Updating dependencies
Lock file operations: 0 installs, 2 updates, 0 removals
  - Upgrading amasty/feed (2.6.14 => 2.6.16)
  - Upgrading amasty/followup (1.2.5 => 1.2.15)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 0 installs, 2 updates, 0 removals
  - Upgrading amasty/feed (2.6.14 => 2.6.16): Extracting archive
  - Upgrading amasty/followup (1.2.5 => 1.2.15): Extracting archive
Package csharpru/vault-php-guzzle6-transport is abandoned, you should avoid using it. No replacement was suggested
Package hoa/consistency is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/console is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/event is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/exception is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/file is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/iterator is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/protocol is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/stream is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/ustring is abandoned, you should avoid using it. No replacement was suggested.
Package phpunit/php-token-stream is abandoned, you should avoid using it. No replacement was suggested.
Generating autoload files
120 packages you are using are looking for funding.
Use the `composer fund` command to find out more!
user@server
```

Along with vendor extensions update, Composer can update all modules installed on Magento with the next command:

```
composer update
```

amasty

```
user@server composer update
Loading composer repositories with package information
In Laminas\DependencyPlugin\DependencyRewriterV2::onPrePoolCreate
Updating dependencies
Lock file operations: 0 installs, 430 updates, 0 removals
  - Upgrading allure-framework/allure-php-api (1.3.1 => 1.4.0)
  - Upgrading amzn/amazon-pay-and-login-magento-2-module (4.2.2 42aedcc => 4.2.2)
  - Upgrading amzn/amazon-pay-and-login-with-amazon-core-module (4.2.2 42aedcc => 4.2.2)
  - Upgrading amzn/amazon-pay-module (4.2.2 42aedcc => 4.2.2)
  - Upgrading amzn/login-with-amazon-module (4.2.2 42aedcc => 4.2.2)
  - Upgrading aws/aws-sdk-php (3.198.2 => 3.208.1)
  - Upgrading braintree/braintree_php (5.2.0 42aedcc => 5.2.0 6cf3447)
  - Upgrading colinmollenhour/cache-backend-redis (1.11.0 42aedcc => 1.11.0 389fb68)
  - Upgrading colinmollenhour/credis (1.11.1 42aedcc => 1.11.1 bd1da46)
  - Upgrading colinmollenhour/php-redis-session-abstract (v1.4.4 => v1.4.5)
  - Upgrading composer/ca-bundle (1.2.11 => 1.3.1)
  - Upgrading composer/spdx-licenses (1.5.5 => 1.5.6)
  - Upgrading dotmailer/dotmailer-magento2-extension (4.12.0 42aedcc => 4.12.0)
  - Upgrading dotmailer/dotmailer-magento2-extension-chat (1.5.0 42aedcc => 1.5.0)
  - Upgrading dotmailer/dotmailer-magento2-extension-chat-graph-ql (1.0.0 42aedcc => 1.0.0)
  - Upgrading dotmailer/dotmailer-magento2-extension-graph-ql (1.0.0 42aedcc => 1.0.0)
  - Upgrading dotmailer/dotmailer-magento2-extension-package (4.12.0 42aedcc => 4.12.0)
  - Upgrading dotmailer/dotmailer-magento2-extension-sms (1.2.0 42aedcc => 1.2.0)
  - Upgrading ezimuel/ringphp (1.1.2 => 1.2.0)
  - Upgrading guzzlehttp/promises (1.5.0 => 1.5.1)
  - Upgrading jms/metadata (2.5.1 => 2.6.1)
  - Upgrading jms/serializer (3.14.0 => 3.16.0)
  - Upgrading klarna/m2-payments (8.3.6 42aedcc => 8.3.6)
  - Upgrading klarna/module-core (6.2.4 42aedcc => 6.2.4)
  - Upgrading klarna/module-kp (7.3.7 42aedcc => 7.3.7)
  - Upgrading klarna/module-kp-graph-ql (0.9.7 42aedcc => 0.9.7)
  - Upgrading klarna/module-onsitemessaging (1.0.6 42aedcc => 1.0.6)
  - Upgrading klarna/module-ordermanagement (6.2.5 42aedcc => 6.2.5)
  - Upgrading laminas/laminas-crypt (3.4.0 => 3.6.0)
  - Upgrading laminas/laminas-escaper (2.7.0 42aedcc => 2.7.0 5e04bc5)
  - Upgrading laminas/laminas-filter (2.11.1 => 2.13.0)
  - Upgrading laminas/laminas-i18n (2.11.2 => 2.13.0)
  - Upgrading laminas/laminas-math (3.4.0 => 3.5.0)
  - Upgrading laminas/laminas-modulemanager (2.10.2 => 2.11.0)
  - Upgrading laminas/laminas-stdlib (3.6.0 => 3.6.1)
  - Upgrading laminas/laminas-validator (2.15.0 => 2.15.1)
  - Upgrading league/flysystem (2.3.0 => 2.3.2)
  - Upgrading league/mime-type-detection (1.8.0 => 1.9.0)
  - Upgrading magento/adobe-ims (2.1.2 42aedcc => 2.1.2)
  - Upgrading magento/adobe-stock-integration (2.1.2-p1 42aedcc => 2.1.2-p1)
  - Upgrading magento/composer (1.6.0 42aedcc => 1.6.0)
```

After the extension update, the same commands as after the extension installation should be run:

```
php bin/magento setup:upgrade
php bin/magento setup:di:compile
php bin/magento setup:static-content:deploy (your locale)
```

Extension Deleting

The command below will delete the specified extension:

```
composer remove amasty/module-name
```

amasty

```
user@server composer remove amasty/base
./composer.json has been updated
Running composer update amasty/base
Loading composer repositories with package information
In Laminas\DependencyPlugin\DependencyRewriterV2::onPrePoolCreate
Updating dependencies
Lock file operations: 0 installs, 0 updates, 1 removal
  - Removing amasty/base (1.12.18)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 0 installs, 0 updates, 1 removal
  - Removing amasty/base (1.12.18)
Removing Amasty/Base
Package container-interop/container-interop is abandoned, you should avoid using it. Use psr/container instead.
Package csharpru/vault-php-guzzle6-transport is abandoned, you should avoid using it. No replacement was suggested
Package hoa/consistency is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/console is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/event is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/exception is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/file is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/iterator is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/protocol is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/stream is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/ustring is abandoned, you should avoid using it. No replacement was suggested.
Package phpunit/php-token-stream is abandoned, you should avoid using it. No replacement was suggested.
Generating autoload files
120 packages you are using are looking for funding.
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user@server
```

Instead of the **composer_name** the corresponding module name which is indicated in the Customer Account must be specified.

Composer provides the functionality of removing all extensions of one vendor. To remove all Amasty extensions, the command below can be used:

```
composer remove amasty/*
```

```
user@server composer remove amasty/*
./composer.json has been updated
Running composer update amasty/*
Loading composer repositories with package information
In Laminas\DependencyPlugin\DependencyRewriterV2::onPrePoolCreate
Updating dependencies
Lock file operations: 0 installs, 0 updates, 4 removals
  - Removing amasty/base (1.12.18)
  - Removing amasty/cron-schedule-list (1.0.5)
  - Removing amasty/feed (2.6.16)
  - Removing amasty/followup (1.3.0)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 0 installs, 0 updates, 4 removals
  - Removing amasty/followup (1.3.0)
  - Removing amasty/feed (2.6.16)
  - Removing amasty/cron-schedule-list (1.0.5)
  - Removing amasty/base (1.12.18)
Removing Amasty/Followup
Removing Amasty/Feed
Removing Amasty/CronScheduleList
Removing Amasty/Base
Package container-interop/container-interop is abandoned, you should avoid using it. Use psr/container instead.
Package csharpru/vault-php-guzzle6-transport is abandoned, you should avoid using it. No replacement was suggested
Package hoa/consistency is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/console is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/event is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/exception is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/file is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/iterator is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/protocol is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/stream is abandoned, you should avoid using it. No replacement was suggested.
Package hoa/ustring is abandoned, you should avoid using it. No replacement was suggested.
Package phpunit/php-token-stream is abandoned, you should avoid using it. No replacement was suggested.
Generating autoload files
120 packages you are using are looking for funding.
Use the `composer fund` command to find out more!
user@server
```

Suggested Packages

Many extensions have additional modules that come with the main extension but they are not mandatory for the correct work of the major extension and, therefore, marked as "suggested". Such extensions either provide additional features that extend the main extension functionality. For example, GraphQL and MFTF additional modules can be found in the list of the suggested extensions. The next command will display all suggested modules:

```
composer suggest
```

Composer with multiple Amasty.com accounts and one Magento installation

There are seven Amasty repositories (for both Community and Enterprise editions):

- https://composer.amasty.com/community/
- https://composer1.amasty.com/community/
- https://composer2.amasty.com/community/
- https://composer3.amasty.com/community/
- https://composer4.amasty.com/community/
- https://composer5.amasty.com/community/
- https://composer6.amasty.com/community/

They are completely identical, therefore it is possible to add several of them using different Amasty.com customer accounts.

For example:

composer config repositories.amasty_account1 composer https://composer1.amasty.com/community/
composer config repositories.amasty_account2 composer https://composer2.amasty.com/community/

The way mirror repositories are named, won't affect their behaviour.

```
        },
        "autoload-dev": {
            "psr-4": {
                "Magento\\PhpStan\\": "dev/tests/static/framework/Magento/PhpStan/",
                "Magento\\Sniffs\\": "dev/tests/static/framework/Magento/Sniffs/",
                "Magento\\TestFramework\\Inspection\\": "dev/tests/static/framework/Magento/TestFramework/Inspection/",
                "Magento\\TestFramework\\Utility\\": "dev/tests/static/framework/Magento/TestFramework/Utility/",
                "Magento\\Tools\\": "dev/tools/Magento/Tools/",
                "Magento\\Tools\\Sanity\\": "dev/build/publication/sanity/Magento/Tools/Sanity/"
            }
        },
        "minimum-stability": "stable",
        "prefer-stable": true,
        "repositories": {
            "amasty": {
                "type": "composer",
                "url": "https://composer.amasty.com/community/"
            },
            "amasty_account2": {
                "type": "composer",
                "url": "https://composer2.amasty.com/community/"
            },
            "amasty_account1": {
                "type": "composer",
                "url": "https://composer1.amasty.com/community/"
            }
        },
        "extra": {
            "magento-force": "override"
        }
    }
ser@server
```

This way the customer can have two repositories added with different customer credentials. Using several Amasty repositories does not affect the way composer commands are executed. In other words, to install the Improved Layered Navigation extension, please use the same command as usual:

```
composer require amasty/shopby
```

amasty