



Hyva Compatibility Add-On

Customer Two-Factor Authentication

Guide for Magento administrators, technical project owners, and implementation teams.

LAST UPDATED
2026-08-31

SOURCE
[Open this article online](#)

EXTENSION
[Magento 2 Extension Customer Two-Factor Authentication](#)

Hyva Compatibility Add-On

Customer TFA uses a separate package for storefronts based on Hyva. The add-on supplies Hyva and Alpine-compatible templates for enrollment, login verification, recovery codes and account management. The base package still owns the security rules, customer data, routes and Admin configuration.

- Composer package: `mageb2b/customer-tfa-hyva`
- Magento module: `MageB2B_CustomerTFAHyva`
- Required base package: `mageb2b/customer-tfa`
- Required storefront: Hyva Default Theme

You do not need this package for Luma, Blank or a theme that inherits Magento's standard frontend templates.

Install the add-on

Install and configure the base package first. Then add the Hyva bridge:

```
composer config bearer.repo.softwaresilo.io <token>
composer config repositories.softwaresilo composer
https://repo.softwaresilo.io/
composer require mageb2b/customer-tfa-hyva:*

php bin/magento module:enable MageB2B_CustomerTFAHyva
php bin/magento setup:upgrade
php bin/magento setup:di:compile
php bin/magento cache:flush
php bin/magento hyva:config:generate
```

Rebuild the Tailwind CSS for every active Hyva theme after installation. Use the normal static-content deployment steps required by the Magento mode and storefront locales.

Storefront coverage

The add-on provides Hyva templates for the complete customer flow:

Area	What the customer can do
Account dashboard	See whether TFA is active and start enrollment
Enrollment	Scan the QR code, enter the secret manually and verify the first authenticator code
Recovery-code handoff	Save the newly generated one-time codes after enrollment or regeneration

Area	What the customer can do
Login verification	Submit an authenticator code or switch to a recovery code
Account management	Regenerate recovery codes or disable optional TFA when the store configuration permits it

The same settings apply to Luma and Hyva. For example, disabling customer recovery-code regeneration removes that block from the Hyva account dashboard as well. Mandatory TFA also prevents customer deactivation in both storefronts.

The screenshot displays the Hyva Customer Account Dashboard. On the left is a sidebar menu with links: Dashboard, My Quotes, Request Quote, Quick Order, Account Information, Address Book, My Orders, My Documents, My Ordered Products, My Downloadable Products, My Wish List, My Designs, Stored Payment Methods, My Sublogin Groups, My Sublogin Roles, My Sublogins Catalog, My Sublogin Budgets, My Product Reviews, Newsletter Subscriptions, My Prices, My Sales Staff, Logout, and Sign Out. The main content area is titled 'Account Information' and includes sections for Contact Information (Olivia Morgan, tfa.hyva.qa@example.test), Newsletters (You aren't subscribed to our newsletter), Two-Factor Authentication (TFA enabled, Recovery Codes: 10 remaining, Current TFA Code field, Regenerate Recovery Codes button, Disable TFA button), Address Book (Manage Addresses link), My Documents (Master Service Agreement, Product Catalog 2024, Safety Data Sheet - Chemical Y), Default Billing Address (You have not set a default billing address), Default Shipping Address (You have not set a default shipping address), and Recent Quotes.

What remains in the base package

The add-on does not store a second secret or create a separate login session. It replaces storefront presentation only. These functions remain in `MageB2B_CustomerTFA`:

- TOTP secret creation and verification;
- recovery-code generation, hashing and one-time use;
- pending-login and attempt limits;
- website and store-view configuration;
- Login as Customer handling;
- Admin status display and reset action.

Keep both modules enabled. Disabling the base module leaves the Hyva templates without the services and routes they call.

Verify the integration

Test with a fictional customer on the actual Hyva store view:

1. enable TFA from the customer account and scan the QR code;
2. save the recovery codes and complete a fresh password login;
3. submit a valid authenticator code, then repeat the login with one recovery code;
4. regenerate recovery codes and confirm that an old code no longer works;
5. disable optional TFA when the action is allowed;
6. enable mandatory TFA and confirm that an unenrolled account is sent to setup;
7. check the same pages at a mobile viewport.

Also test the configured Login as Customer policy. The Hyva templates do not change whether an impersonated session must complete TFA.

Troubleshooting

The standard Magento template is still displayed

Confirm that the active store view uses a Hyva theme and that `MagentoB2B_CustomerTFAHyva` is enabled. Regenerate the Hyva configuration, rebuild Tailwind CSS and clear Magento caches.

The page has no styling

Check that the module's `view/frontend/tailwind/module.css` is included in the active theme build. Rebuilding Magento static content alone does not replace the Hyva Tailwind build.

An account action is missing

Check the base Customer TFA configuration at the active scope. Recovery-code regeneration and customer deactivation have independent settings. Deactivation is also hidden while TFA is mandatory.

Verification returns to the login page

Treat this as a base authentication issue rather than a theme setting. Check the pending-login lifetime, verification attempt limit, session and form key, then follow [Common Issues](#).

Related guides

- [Configure Customer TFA](#)
- [Enroll an authenticator app](#)
- [Sign in with Customer TFA](#)
- [Reset TFA for a customer](#)