

# Single Sign On. SAML extension for M 2 ( frontend + backend, Implemented by Sixto Martin )

## Installation

### Steps to install the Magento 2.0 connector via Composer

1. Set up the correct path for Composer or keep Composer within Magento root.
2. At Magento root folder, run command  
`composer require sixtomartin/onelogin-module-saml2-extend`  
After it is installed, verify that in the vendor folder you see a sixtomartin folder, but also a onelogin/php-saml folder
3. After the above is successful, run the command  
`php bin/magento module:enable Pitbulk_SAML2`  
at Magento root folder. This will let Magento know about the module.
4. Run the command  
`php bin/magento setup:upgrade`  
at Magento root folder. This will update the database schema.
5. Run the command  
`php bin/magento setup:di:compile`  
if you have a single website and store, or  
`php bin/magento setup:di:compile-multi-tenant`  
if you have multiple ones.
6. Clear cache from Magento admin.

### Steps to install the Magento 2.0 connector via FTP/ZIP File

1. Unzip the ZIP file.
2. Make sure to create the directory structure in your Magento:  
'Magento\_Root/app/code/Pitbulk/SAML2'.
3. Drop/move all of the content inside the unzipped folder to directory  
'Magento\_Root/app/code/Pitbulk/SAML2'.
4. The SAML extension has php-saml as dependency,
  1. At Magento root folder run 'composer require onelogin/php-saml' to install it.

2. In the uncommon scenario that you are not using composer, you will need to download the code from php-saml repository (<https://github.com/onelogin/php-saml>) manually. Create a onelogin/php-saml folder at the 'vendor' folder and drop there:

- the `_toolkit_loader.php` file that will load php-saml library and its dependency xmlseclibs

- the lib folder

- the extlib folder, if exists in the php-saml version that you are using, if not you will need to copy xmlseclibs src folder (<https://github.com/robrichards/xmlseclibs>) as xmlseclibs and edit the previous `_toolkit_loader.php` file and uncomment the 'Load xmlseclibs' block and set as `$xmlseclibsSrcDir` the value 'xmlseclibs', the name you gave to the renamed src folder of xmlseclibs repo.

Once all that is done, you will need to load the `_toolkit_loader.php` in Magento code so php-saml and xmlseclibs classes will be available. One way to do that is to manually register this loader in the global Magento vendors loader. Edit the `vendor/autoload.php` and place at the end of the file:

```
require_once __DIR__ . '/onelogin/php-saml/_toolkit_loader.php';
```

but notice that if you execute any composer change, it will modify the `autoload.php` file and changes will disappear.. but since you are not using composer, it shouldn't be a problem

5. Run the command  
`php bin/magento module:enable Pitbulk_SAML2`  
at Magento root folder. This will let Magento know about the module.
6. Run the command  
`php bin/magento setup:upgrade`  
at Magento root folder. This will update the database schema.
7. Run the command  
`php bin/magento setup:di:compile`  
if you have a single website and store, or  
`php bin/magento setup:di:compile-multi-tenant`  
if you have multiple ones.
8. Clear cache from Magento admin.