

Magento 2 Advanced Admin Login Security

Installation and User Guide for Magento 2 Advanced Admin Login Security Extension

Table of Contents

1. Installation
 - *Download Extension*
 - *Installation via app/code*
 - *Installation via Composer*
2. Configuration Settings for Security Base
 - *General Settings*
3. Configuration Settings for Advanced Login Security
4. Scommerce Admin Login Security
 - *Admin Login Attempts*
 - *Blacklist*
 - *Whitelist*

Installation

- **Download Extension:** Once you have placed the order from our site then go to the Account section, click on My Downloadable Products, and download the extension package.

Configuration Settings for Security Base

Go to **Admin > Stores > Configuration > Scommerce Configuration > Security Base**

General Settings

- **Enabled** - Select "Yes" or "No" to enable or disable the module.
- **License Key** - Please add the license for the extension which is provided in the order confirmation email. Please note license keys are site URL specific. If you require license keys for dev/staging sites then please email us at support@scommerce-mage.com.

General

Enabled
[store view] Use system value
This setting will be used to enable or disable module

License Key
[store view]
This setting will be used to verify your license key for the give domain
N.B. License keys are domain specific so for your testing or staging sites please email us at core@scommerce-mage.com

Configuration Settings for Admin Login Security

Go to **Admin > Stores > Configuration > Scommerce Configuration > Admin Login Security**

General Settings

- **Enabled Admin Login Security** - Select "Yes" or "No" to enable or disable the module.
- **Failed Attempts Limit** :- Set the attempt limit for admin login. Once exceeded the account will be locked out or blacklisted as per further configuration. Make sure this limit is less than default Magento configuration.
- **Apply Action On Exceed Limit**:- Choose the penalty for exceeding the failed attempt limit, between "Lockout" or "Blacklist. **Lockout** - When the number of failed attempts exceeds, the IP will remain blacklisted until the 'Valid till' time limit. The 'Valid till' limit can be defined by the configuration 'Locked out period (in hours)'
Blacklist - This action will be applied when the 'Failed Attempts Limit' is exceeded and the IP will be blacklisted until it is manually removed.

- **Locked out period (in hours):-** Set the "Valid Till" limit for the Lockout feature. The accounts will be locked out for period entered in this configuration.
- **Block Email Enabled:-** Enable Emails when any lockout or blacklist occurs. The email is sent to the Store Owner as well as the blacklisted/locked-out user.

Admin Login Security ⌵

<p>Enabled Admin Login Security <small>[global]</small></p>	Yes	<input checked="" type="checkbox"/> Use system value
<p style="font-size: small;">This setting will be used to enable or disable admin login security</p>		
<p>Failed Attempts Limit <small>[global]</small></p>	3	<input type="checkbox"/> Use system value
<p style="font-size: small;">Set the attempt limit for admin login. Once exceeded the account will be locked out or blacklisted as per further configuration. Make sure this limit is less than default Magento configuration.</p>		
<p>Apply Action On Exceed Limit <small>[global]</small></p>	Lockout	<input checked="" type="checkbox"/> Use system value
<p style="font-size: small;">Lockout - When the number of failed attempts exceeds, the IP will remain blacklisted until the 'Valid till' time limit. The 'Valid till' limit can be defined by the configuration 'Locked out period (in hours)' Blacklist - This action will be applied when the 'Failed Attempts Limit' is exceeded and the IP will be blacklisted until it is manually removed.</p>		
<p>Locked out period (in hours) <small>[global]</small></p>		<input checked="" type="checkbox"/> Use system value
<p style="font-size: small;">Set the "Valid Till" limit for the Lockout feature. The accounts will be locked out for period entered in this configuration.</p>		
<p>Block Email Enabled <small>[global]</small></p>	Yes	<input type="checkbox"/> Use system value
<p style="font-size: small;">Enable Emails when any lockout or blacklist occurs. The email is sent to the Store Owner as well as the blacklisted/locked-out user.</p>		

- **IP Block Email Template:-** Select the email template to be used to send the email when a lockout/blacklist occurs.
- **Block And Lock Event Email Sender:-** Select the sender email from your Default Magento configuration in case of lockout or blacklist.
- **Recipient Block Email:-** Add the email (store owner) which will get emails about each and every lockout/blacklist. Whenever a lockout/blacklist happens the email will be sent to this address as well as the user.
- **Enabled Clear Login Attempts Logs Cron Job:-** Set "Yes" or "No" to enable or disable clear logs cron job.
- **Clear Login Attempts Logs Cron Schedule:-** Set the cron job to define how often you want to clear Login Attempts logs

IP Block Email Template
[global]

IP Block Email Template (Default) ▼

Select the email template to be used to send the email when a lockout/blacklist occurs.

Use system value

Block And Lock Event Email Sender
[global]

General Contact ▼

Select the sender email from your Default Magento configuration in case of lockout or blacklist.

Use system value

Recipient Block Email
[global]

Add the email (store owner) which will get emails about each and every lockout/blacklist. Whenever a lockout/blacklist happens the email will be sent to this address as well as the user.

Use system value

Enabled Clear Login Attempts Logs Cron Job
[global]

Yes ▼

This setting will be used to enable or disable clear logs cron job

Use system value

Clear Login Attempts Logs Cron Schedule
[global]

0 0 1 * *

This will allow you to define schedule how often you want to clear Login Attempts logs cron

Use system value

```

* * * * *
| | | | |
| | | | +---- Day of the Week (range: 1-7, 1 standing for Monday)
| | | +----- Month of the Year (range: 1-12)
| | +----- Day of the Month (range: 1-31)
| +----- Hour (range: 0-23)
+----- Minute (range: 0-59)
Example: 0 0 * Daily at midnight

```

- **Clear Login Attempts Logs Older Than X Days:-** Set the number of days based on which the Login attempts Logs will be cleared based which are older than the set days. For eg:- if set 2, any login attempts logs older than 2 days will be cleared.
- **Enabled Clear Lockouts Cron Job:-** Set "Yes" or "No" to enable or disable clear of not active lockouts by cron job
- **Clear Lockouts Cron Schedule:-** Set the cron job to define schedule how often you want to clear logs
- **Allowed Countries:-** Block users from one or multiple countries. If no country is selected, all countries are allowed.

Clear Login Attempts Logs Older Than X Days [global] Use system value
 Set the number of days based on which the Login attempts Logs will be cleared based which are older than the set days. For eg:- if set 2, any login attempts logs older than 2 days will be cleared.

Enabled Clear Lockouts Cron Job [global] Use system value
 This setting will be used to enable or disable clear of not active lockouts by cron job

Clear Lockouts Cron Schedule [global] Use system value
 This will allow you to define schedule how often you want to clear logs cron

* * * * *
 | | | | |
 | | | | +----- Day of the Week (range: 1-7, 1 standing for Monday)
 | | | +----- Month of the Year (range: 1-12)
 | | +----- Day of the Month (range: 1-31)
 | +----- Hour (range: 0-23)
 +----- Minute (range: 0-59)
 Example: 0 0 * Daily at midnight

Allowed Countries [website] Use system value

Congo - Brazzaville
 Congo - Kinshasa
 Cook Islands
 Costa Rica
 Côte d'Ivoire
 Croatia
 Cuba
 Curaçao
 Cyprus
 Czechia

Block users from one or multiple countries. If no country is selected, all countries are allowed.

- **Enabled Whitelist:-** Set "Yes" or "No" to enable or disable whitelisting for an IP. If enabled, the user won't be allowed to log in until the IP is whitelisted.
- **Whitelist Email Enabled:-** Set "Yes" or "No" to enable or disable whitelist Email. If this is enabled, the user will be sent an email with a link that allows them to either approve or deny the login.
 - Approve** - By approving, the IP will be added to the whitelist.
 - Deny** - The IP will be added to the blacklist if denied.
- **Whitelist request lifetime:-** Set the request lifetime to define how long whitelist request will be valid in hours By default 1 hour.
- **IP Whitelist Email Template:-** Select the email template for the login approval email that is sent to the user, based on the approval the user is whitelisted or blacklisted.
- **Whitelist Event Email Sender:-** Select the sender email to be used to send out the User approval/whitelist email to the user.
- **Recipient Email:-** Add the email (store owner) which will get emails about User approval/Whitelist emails. Whenever a user-approval/whitelist happens the email will be sent to this address as well as the user so store owner can also approve or deny the user from the email.

Enabled Whitelist <small>[global]</small>	Yes	<input type="checkbox"/> Use system value
	<small>This setting is intended to enable or disable whitelisting for an IP. If enabled, the user won't be allowed to log in until the IP is whitelisted.</small>	
Whitelist Email Enabled <small>[global]</small>	Yes	<input type="checkbox"/> Use system value
	<small>If this is enabled, the user will be sent an email with a link that allows them to either approve or deny the login. Approve - By approving, the IP will be added to the whitelist. Deny - The IP will be added to the blacklist if denied.</small>	
Whitelist request lifetime <small>[global]</small>	1	<input checked="" type="checkbox"/> Use system value
	<small>This setting will be used to define how long whitelist request will be valid in hours By default 1 hour</small>	
IP Whitelist Email Template <small>[global]</small>	Whitelist Login Attempt Email Template (Default)	<input checked="" type="checkbox"/> Use system value
	<small>Select the email template for the login approval email that is sent to the user, based on the approval the user is whitelisted or blacklisted.</small>	
Whitelist Event Email Sender <small>[global]</small>	General Contact	<input checked="" type="checkbox"/> Use system value
	<small>Select the sender email to be used to send out the User approval/whitelist email to the user.</small>	
Recipient Email <small>[global]</small>		<input checked="" type="checkbox"/> Use system value
	<small>Add the email (store owner) which will get emails about User approval/Whitelist emails. Whenever a user-approval/whitelist happens the email will be sent to this address as well as the user so store owner can also approve or deny the user from the email.</small>	

Scocommerce Admin Login Security

Go to **Admin > System > Scocommerce Admin Login Security>**

Admin Login Attempts

The Admin Login Attempts grid keeps a record of every login attempt made to the admin panel with various key details such as:-

- ID
- IP Address
- Success
- Admin Username
- Created At

The grid is completely filterable with various columns such as ID, IP Address, Admin Username, Created At etc.

Admin Login Attempts

Filters | Default View | Columns

ID from: to: Admin Username from: to: Created At from: to: IP Address:

Cancel Apply Filters

92 records found

20 per page | 1 of 5

ID	IP Address	Success	Admin Username	Created At
112	5.64.221.36	SUCCESS	koshlesh	2023-12-27 10:08:45
113	178.205.102.186	SUCCESS	alexdemo4	2023-12-27 11:44:55
114	178.205.102.186	SUCCESS	alexdemo4	2023-12-27 11:47:26
115	178.205.102.186	SUCCESS	alexdemo4	2023-12-27 11:49:01
116	5.64.221.36	SUCCESS	login.activity	2023-12-27 12:01:37
117	178.205.102.186	SUCCESS	alexdemo4	2023-12-27 12:04:53

Blacklist

The blacklist records grid contains information about all the blacklist users with several details such as ID, IP Address, Admin Username, Valid till, Created At, and Action. This grid is completely filterable. Each of the record can be deleted or edited from the Action column.

Blacklist

Add Entry

Filters | Default View | Columns

ID from: to: Valid till from: to: Created At from: to: IP Address: Admin Username:

Cancel Apply Filters

2 records found

20 per page | 1 of 1

ID	IP Address	Admin Username	Valid till	Created At	Action
28	23.106.56.43	alexdemo4	2023-12-29 13:48:06	2023-12-29 11:48:06	Select
32	82.132.230.161			2023-12-29 12:14:05	Edit Delete

Go to **Action>Edit** and you can change various details for each of the records such as IP Address, Username, and Valid till date.

IP Address * 23.106.56.43

Admin User alexdemo4

Valid Till 12/29/2023

Created At 12/29/2023

Whitelist

The Whitelist records grid contains information about all the blacklist users with several details such as ID, IP Address, Admin Username, Created At, and Action. This grid is completely filterable. Each of the records can be deleted or edited from the Action column.

Whitelist

Add Entry

2 records found

Filters Default View Columns

20 per page 1 of 1

ID	IP Address	Admin Username	Created At	Action
3	106.51.62.187		2023-12-28 09:23:45	Select
12	178.205.102.186	alexdemo4	2023-12-29 11:26:23	Select

Go to **Action>Edit** and you can change various details for each of the records such as IP Address, and Username.

IP Address * 178.205.102.186

Admin User alexdemo4

Created At 12/29/2023

If you have a question related to this extension please check out our **FAQ Section** first. If you can't find the answer you are looking for then please contact support@scommerce-mage.com.

