

Mail list owners can control the post behavior with these settings

Note: This doc assumes the modlist/whitelist plugin has been installed, <https://www.sympa.community/manual/customize/template-plugins-modwhitelist.html>.

We changed the nomenclature in the plugin to be more descriptive.

- Blacklist > Blocked Senders
- Modlist > Moderated Senders
- Whitelist > Allowed Senders

The screenshot shows the Sympa web interface for a mail list named 'test' at 'lists.illinois.edu'. The page title is 'test - test'. The main content area is titled 'test@lists.illinois.edu' and 'Subject: test'. Below this, there are sections for 'Basic Operations' and 'Casual administration'. The 'Basic Operations' section includes a navigation menu with 'Blocked Senders', 'Moderated Senders', and 'Allowed Senders'. The 'Casual administration' section includes links for 'Edit List Config', 'Manage Subscribers', 'Blocked Senders', 'Moderated Senders', 'Allowed Senders', 'Manage archives', 'Bounces', and 'Logs'. The 'Blocked Senders' section explains that it handles the set of blocked mail addresses that are not allowed to post to this list. The 'Moderated Senders' section explains that it handles the set of Moderated Senders for this list. The 'Allowed Senders' section explains that it handles the set of Allowed Senders for this list. The 'Manage archives' section explains that it allows you to download and delete list archives. The 'Bounces' section explains that it manages non-delivery reports (also called bounces). The 'Logs' section explains that it is a tool for exploring the list logs. The 'Drastic operations' section includes a 'Remove List' button, which completely removes the current list. The footer of the page says 'Powered by Sympa - See our Web Privacy Policy.'

- **Blocked Senders:** Email from these email addresses is automatically rejected. The block list is used to exclude individuals or domains from posting to your mail list.
- **Moderated Senders:** Email from these users is automatically queued for moderation. If no moderators are defined then the owner becomes the moderator.
- **Allowed Senders:** Email from these users is automatically accepted and sent to the mail list subscribers.

### Allow/Mod/Block List Syntax Rules

The syntax is the same for each list type. Click on the appropriate list and follow these syntax rules:

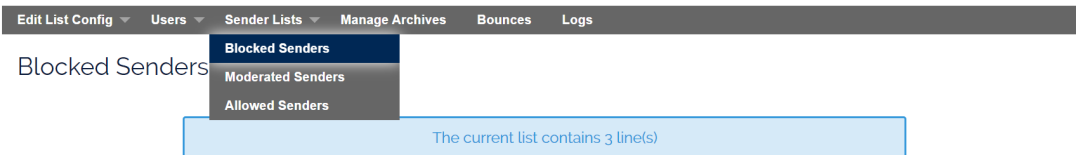
- Only one email or expression per line.
- The # character designates a comment line.
- The \* character is a wild card and matches any string.
  - `*@spammer-domain.com` = match any sender from the "spammer-domain.com" domain.

- only one \* character is permitted per line.
- Do not use vertical bar, square brackets, or angle brackets in the pattern.

## Blocklist Example

1. Enter the domains or addresses you want on the list
2. Click **Save** to update the list.

### Basic Operations



Any posts coming from users whose email address matches a pattern in the Blocked Senders list are immediately blocked. The Blocked Senders list has highest priority, followed by the Moderated Senders list and finally the Allowed Senders list.

#### Syntax:

only one email or expression per line  
 number sign (#) introduces a comment  
 asterisk (\*) matches any string. Example: \*@spammer-domain.com\* match any sender from that exact domain  
 only one asterisk is allowed in a line

```
# block all email originating in Russia
*.ru
spammer@yahoo.com
```

save

## Allowed Senders List Alternative - Editing the 'Who can send messages'

While adding email addresses to a mail list's Allowed Senders list will let those email addresses post to a list, it does not scale when managing multiple mail lists. For example, Prof X has multiple mail list for their classes and they want their assistants to post to all of their class lists. Using the 'Allow Senders' approach, the list owner would need to add email addresses to each class mail list 'Allow senders' list. Another approach is to give another list the permission to post to the class lists using the 'Who can send messages' scenario, **Admin > Edit List Config > Sending/receiving setup - Who can send messages**. In this case, the list owner would modify the scenario template of their class list to allow another list to post to that list. E.g. prof-x-safe-senders

### How does this help me?

1. This approach scales well for multiple lists and new lists can inherit the scenario.
2. It creates a personalized template for Prof X's classes, projects, etc....
3. It allows the management of the safe-senders from one source, the **Prof-X-Safe-Senders** list members.

Example usage:

## Basic Operations



### Edit List Configuration

Sending/receiving setup ⓘ

Who can send messages (send) **SCENARIO SOURCE** ⓘ

Restricted to Subscribers and List X (Subscribers-And-List-x) ▼

1. Create a new list, e.g. prof-x-safe-senders
2. Configure that list to sync with your ldap group or manage manually.
3. Edit the 'who can send' scenario to include the 'prof-x-safe-senders' mail list.

Example Scenario:

```
----  
title.gettext Restricted to Subscribers and prof-x-safe-senders list members  
is_subscriber('prof-x-safe-senders',[sender]) smtp,dkim,smime,md5 -> do_it  
is_subscriber([listname],[sender]) smtp,dkim,smime,md5 -> do_it  
is_editor([listname],[sender]) smtp,dkim,smime,md5 -> do_it  
is_owner([listname],[sender]) smtp,dkim,smime,md5 -> do_it  
true() smtp,dkim,md5,smime -> editorkey  
----
```

This scenario allows posts from: members of the prof-x-safe-senders mail list, the mail list subscribers, list moderators and list owners. All other inbound messages will be sent to the moderators. Note: If you want to silently discard posts from non-subscribers use:

```
true() smtp,dkim,md5,smime -> reject,quiet
```

4. save the scenario with a unique name
  - a. send.Subscribers-And- prof-x-safe-sender-list

Listmasters have the ability to edit the scenario via web UI by clicking the [SCENARIO SOURCE] button, circled above. When you edit the scenario, those changes will only affect the current mail list, however, after the new scenario is created, list owners can use that list config to clone new lists. E.g.

## + Create list

Create a list using a template

Copy an existing list

You can create a list by using another existing list as a template. The configuration will be copied to the new list. Please note that neither the list members, archives, nor shared documents will be duplicated. Only the lists you own may be used as templates. After the list is created, you will be able to modify the configuration.

safe-senders

New list name:

new-list-name

copy list configuration

If needed, the scenario can be made available for specific lists, robots or the entire server by copying the new scenari on the server-side to a location similar to:

- list only > /etc/list\_data/robot-name/list-name/scenari
- robot only > /etc/sympa/robot-name/scenari
- entire server (all robots) > /etc/sympa/scenari

Conclusions:

- List owners can manage safe senders using the membership of a mail list as described above.
- The list owner can grant or restrict access by adding or deleting the subscribers of the prof-x-safe-sender list.
- List owners can create new lists from any of their mail lists and inherit the scenario.
- This approach makes it very easy to manage safe senders across N list as the teaching assistants come and go.