

From EULER Project

PmWiki: Security

Aspects of PmWiki security are found on the following pages:

Pages distributed in a PmWiki release:

- [Passwords](#) General use of passwords
- [Passwords Admin](#) More password options for the administrator
- [Url Approvals](#) Require approval of Url links
- [Site Analyzer](#)
- [Blocklist](#) Blocking IP addresses, phrases, and expressions to counteract spam and vandalism.
- [Notify](#) Allows a site administrator to configure PmWiki to send email messages whenever pages are changed on the wiki site
- [Security variables](#) variables crucial for site security

Cookbook Pages

- [Cookbook index for Security recipes](#)
- [Cookbook:Secure attachments](#) Protecting uploaded attachments
- [Cookbook:Web server security](#) Making the server more secure with .htaccess
- [Cookbook:Farm security](#) Making Farm installations secure
- [Cookbook:EProtect](#) Hide e-mail address
- [Cookbook:Protect email](#) Obfuscate email addresses
- [Cookbook:Audit images](#) Check to see what images have been uploaded to your wiki.
- [Cookbook:Private groups](#) Create and secure private groups on a public wiki
- [Cookbook:Only one login](#) Only allow 1 login at the same time for a username
- [Cookbook:Session guard](#) Protects against Session Theft

How do I report a possible security vulnerability of PmWiki?

Pm wrote about this in [a post to pmwiki-users from September 2006](#). In a nutshell he differentiates two cases:

1. The possible vulnerability isn't already known publicly: In this case please contact Pm by private mail.
2. The possible vulnerability is already known publicly: In this case feel free to discuss the vulnerability in public (e.g. on [pmwiki-users](#)).

See [his post mentioned above](#) for details and rationals.

What about the botnet security advisory at <http://isc.sans.org/diary.php?storyid=1672>([approve sites](#))?

Sites that are running with PHP's *register_globals* setting set to "On" and versions of PmWiki prior to 2.1.21 may be vulnerable to a botnet exploit that is taking advantage of a bug in PHP. The vulnerability can be closed by turning *register_globals* off, upgrading to PmWiki 2.1.21 or later, or upgrading to PHP versions 4.4.3 or 5.1.4.

In addition, there is a test at [PmWiki:SiteAnalyzer](#) that can be used to determine if your site is vulnerable.

Wiki Vandalism

Assumptions

you are using a [Blocklist](#) and [Url approvals](#).

You don't want to resort to [password](#) protecting the entire wiki, that's not the point after all.

Ideally these protections will be invoked in `config.php`

How do I stop pages being [deleted](#), eg password protect a page from deletion?

Use [Cookbook:DeleteAction](#) and password protect the page deletion [action](#) by adding

`$DefaultPasswords['delete'] = '*';` to `config.php` or password protect the action with `$HandleAuth['delete'] = 'edit';`

or `$HandleAuth['delete'] = 'admin';` to require the edit or admin password respectively.

How do I stop pages being replaced with an empty (all spaces) page?

Add `block: /^\\s*$ /` to your [blocklist](#).

how do I stop pages being completely replaced by an inane comment such as *excellent site, great information*, where the content cannot be blocked?

Try using the newer [automatic blocklists](#) that pull information and IP addresses about known wiki defacers.

(OR) Try using [Cookbook:Captchas](#) or [Cookbook:Captcha](#) (note these are different).

(OR) Set an edit password, but make it publicly available on the [Site.AuthForm](#) template.

How do I password protect all common pages in all groups such as recent changes, search, group header, group footer, and so on?

Insert the following lines into your `local/config.php` file. Editing these pages then requires the admin password.

```
## Require admin password to edit RecentChanges (etc.) pages.
if ($action=='edit'
    && preg_match('/\\.(Search|Group|Header|Footer)|(All)?RecentChanges)$/', $pagename))
{ $DefaultPasswords['edit'] = crypt('secret&nbsp;phrase'); }
```

Note that all `GroupAttributes` pages are protected by the `attr` password.

Alternative: you can require 'admin' authentication for these pages:

```
## Require admin password to edit RecentChanges (etc.) pages.
if ($action=='edit'
    && preg_match('(Search|Group|Header|Footer)|(All)?RecentChanges)', $pagename))
{ $HandleAuth['edit'] = 'admin'; }
```

How do I password protect the creation of new groups?

See [Cookbook:Limit Wiki Groups](#)

How do I password protect the creation of new pages?

See [Cookbook:Limit new pages in Wiki Groups](#)

How do I take a whitelist approach where users from known or trusted IP addresses can edit, and others require a password?

Put these lines to local/config.php:

```
## Allow passwordless editing from own turf, pass for others.
if ($action=='edit'
    && !preg_match("^90.68.", $_SERVER['REMOTE_ADDR']) )
    { $DefaultPasswords['edit'] = crypt('foobar'); }
```

Replace 90.68. with the preferred network prefix and foobar with the default password for others.

How do I password protect [page actions](#)?

See [Passwords](#) for setting in config.php

```
$HandleAuth['pageactionname'] = 'pageactionname'; # along with :
$DefaultPasswords['pageactionname'] = crypt('secret phrase');
or
```

```
$HandleAuth['pageactionname'] = 'anotherpageactionname';
```

How to make a rule that allows only authors to edit their own wiki page in [Profiles](#) group?

Add this to your *local/config.php*

```
$name = PageVar($pagename, '$Name');
$group = PageVar($pagename, '$Group');
if($group=='Profiles') $DefaultPasswords['edit'] = 'id:'. $name;
```

How do I moderate all postings?

Enable [PmWiki.Drafts](#)

- Set [\\$EnableDrafts](#), this relabels the "Save" button to "Publish" and a "Save draft" button appears.
- Set [\\$EnablePublish](#), this adds a new "publish" authorization level to distinguish editing from publishing.

How do I make a read only wiki?

In config.php [set](#) an "edit" password.

How do I restrict access to [uploaded attachments](#)?

See

- [instructions](#) for denying public access to the uploads directory
- see [Cookbook:Secure attachments](#)

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