

# Token Access

See also Temporary Users

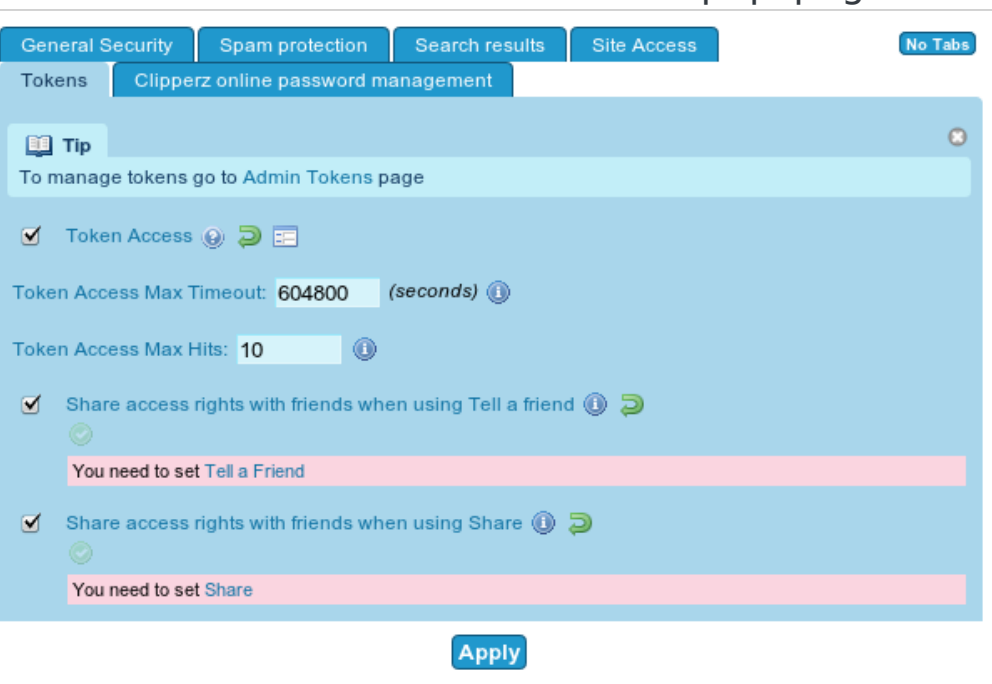
New in Tiki5, and improved since Tiki9.

Allows to access the content with superior rights with the presentation of a token. The primary use of this authentication method is to grant temporary access to content to an external service. Ex.: an external service needs to crawl your content to make a report.

It is also possible to combine with Share. This is good if you want to give a one time access to a page or a file, without creating a username/password and setting the group and permissions.

This is especially useful if you want to share a large file without having to send it via e-mail.

Starting in Tiki9, there is an admin panel at: "**Admin home > Security > Tokens**" (tiki-admin.php?page=security&cookietab#contentadmin1-4):



The screenshot shows the 'Tokens' configuration page in the Tiki9 admin interface. At the top, there are tabs for 'General Security', 'Spam protection', 'Search results', 'Site Access', and 'No Tabs'. Below these, there are sub-tabs for 'Tokens' and 'Clipperz online password management'. A light blue tip box at the top states: 'To manage tokens go to Admin Tokens page'. The main configuration area has a light blue background and contains several settings:

- ☒ **Token Access** (with a help icon and a green arrow icon)
- Token Access Max Timeout:** 604800 (seconds) (with a help icon)
- Token Access Max Hits:** 10 (with a help icon)
- ☒ **Share access rights with friends when using Tell a friend** (with a help icon and a green arrow icon). Below this is a green checkmark icon and a pink error bar that says 'You need to set Tell a Friend'.
- ☒ **Share access rights with friends when using Share** (with a help icon and a green arrow icon). Below this is a green checkmark icon and a pink error bar that says 'You need to set Share'.

At the bottom of the configuration area is a blue 'Apply' button.

Moreover, Tiki9 brings an interface to manage tokens at (**tiki-admin\_tokens.php**). For instance, if you have shared permissions to view some page with one friend, you would have one token generated for your page, which can be listed with this interface:

Admin Tokens ?

List tokens

Add new token

No Tabs

List tokens

Id	Entry	Token	Creation	Timeout	Hits	Max E-hits	mail	Parameters	Groups	Actions
4	/tiki-print.php	90b40406[REDACTED]a595d77	2011-11-28 17:08:45	60	9	1		page=Configuració dels Equips	Admins, Editors, Registered, Anonymous, [REDACTED]	✖

If you want to create new tokens by hand, you can do that with the tab "Add new token".

If the SEFURL feature is not active, in the "Full URL" field you need to copy paste the full URL of the page in the "tiki-" format as shown on the image above.

If the SEFURL feature is active, you need to copy paste the SEFURL style URL like `/R202312C testing`.

In the "Groups" field you insert the Groups you want to be "applied" on the user or a service accessing the page with the token as if they were a member of that group.

Admin Tokens ?

List tokens

Add new token

No Tabs

Add new token

Full URL

Timeout in seconds (-1 for unlimited)

Maximum number of hits (-1 for unlimited)

Groups (separated by comma)

Add

One use case for this manual setting of token access is to manage Batch actions, that can be run based on cron jobs set on external servers. See more information in Batch

Another use case is to give access to page contents to crawlers for indexing your site or feeding an AI. You may

consider accessing the simpler print version of pages using URLs such as `/tiki-print.php?page=R202312C+testing&TOKEN=...`.

# Using a token

**A token looks like this**

`http://demo.tiki.org/trunk/tiki-index_raw.php?TOKEN=937d83bc9dc6ede58d247df505011t43`

# Limitations

You cannot edit already created tokens.

The token param requested in the URL must always be in uppercase letters: `TOKEN=...`.

The URL used to generate the new token should not contain any URL encoded values, like `%2C`, and any multivalue array field params with square brackets, like `listfields[]`. For example using URL like this will fail:

```
https://yoursite/tiki-ajax_services.php?controller=tracker&action=export_items&trackerId=3&encoding=UTF-8&separator=%2C&delimiterL="&delimiterR="&CR=%25%25%25&listfields[]=2&listfields[]=3&recordsMax=-1
```

You will get an error message "**Token Error:** Your access to this page has expired" when you try to access that page using the token.

Instead you need to use URL like this to create the token:

```
https://yoursite/tiki-ajax_services.php?controller=tracker&action=export_items&trackerId=3&encoding=UTF-8&separator=,&CR=%%%&recordsMax=-1
```

Then accessing the URL using

```
https://yoursite/tiki-ajax_services.php?controller=tracker&action=export_items&trackerId=3&encoding=UTF-8&separator=,&CR=%%%&recordsMax=-1&TOKEN=... will work.
```

Related

- [PluginGetAccessToken](#)
- [Batch](#)
- [Tokens](#)
- [PluginArchiveBuilder](#)

aliases

[Token](#) | [TokenAccess](#) | [Tokens](#) | [Security Token](#)