

# 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 navigation tabs: 'General Security', 'Spam protection', 'Search results', and 'Site Access'. The 'Tokens' tab is active, and a sub-tab 'Clipperz online password management' is also visible. A tip box at the top says 'To manage tokens go to Admin Tokens page'. Below this, there are several configuration options:

- Token Access (with a green checkmark)
- Token Access Max Timeout: 604800 (seconds) (with an info icon)
- Token Access Max Hits: 10 (with an info icon)
- Share access rights with friends when using Tell a friend (with a green checkmark and a red error message: 'You need to set Tell a Friend')
- Share access rights with friends when using Share (with a green checkmark and a red error message: 'You need to set Share')

An 'Apply' button is located at the bottom of the configuration area.

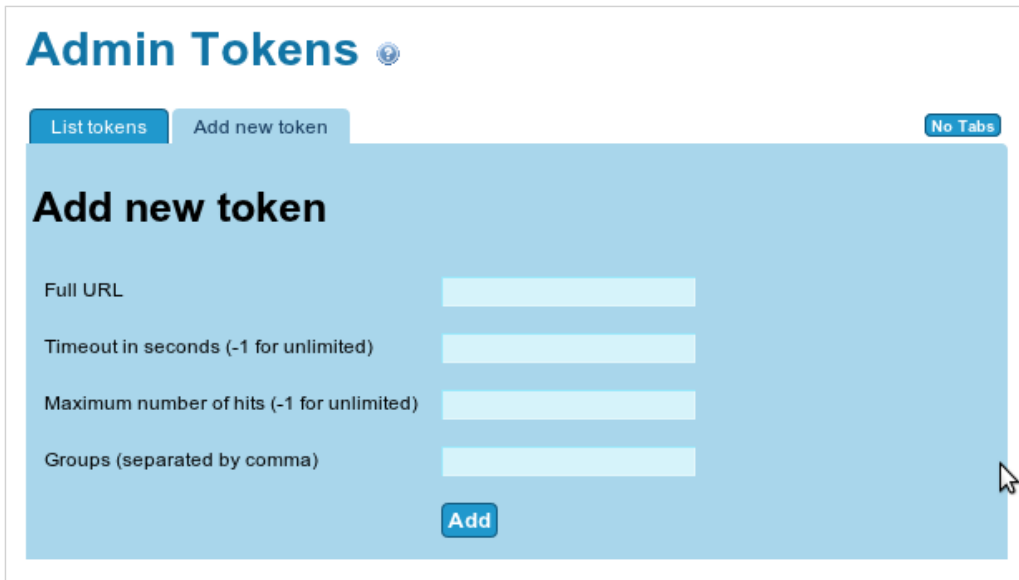
Moreover, [Tiki9](#) brings an interface to manage tokens at ([tiki-admin\\_tokens.php](#)). For instance, if you have shared permissions to view some page with one friend, you would have one token generated for your page, which can be listed with this interface:

The screenshot shows the 'Admin Tokens' interface. At the top, there are buttons for 'List tokens' and 'Add new token'. Below this, the title 'List tokens' is displayed. A table lists the generated tokens:

Id	Entry	Token	Creation	Timeout	Hits	Max E-hits mail	Parameters	Groups	Actions
4	/tiki-print.php	90b404062f1e2a4026777e0e1a595d77	2011-11-28 17:08:45	60	9	1	page=Configuració dels Equips	Admins, Editors, Registered, Anonymous, <del>...</del>	✖

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.



The screenshot shows the 'Admin Tokens' interface. At the top, there are two tabs: 'List tokens' and 'Add new token', with 'Add new token' being the active tab. A 'No Tabs' indicator is visible in the top right corner. The main heading is 'Add new token'. Below this, there are four input fields: 'Full URL', 'Timeout in seconds (-1 for unlimited)', 'Maximum number of hits (-1 for unlimited)', and 'Groups (separated by comma)'. An 'Add' button is located at the bottom right of the form area.

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:

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```
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:

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```
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

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

### aliases

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