

# PluginTOTP

## WHAT IS TIME-BASED ONE-TIME PASSWORD?

A time-based one-time password (**TOTP**) is a temporary passcode generated by an algorithm that uses the current time of day as one of its authentication factors. Time-based one-time passwords are commonly used for [Two-factor authentication](#) and have seen growing adoption by cloud application providers. TOTPs are derived from a secret seed password given at user registration in the form of QR code or in plaintext. TOTPs (and their seeds) are deployed on either hardware security tokens or as soft tokens, meaning mobile device apps that display the numbers. Typically, the temporary passcode expires after 30, 60, 120 or 240 seconds.

TOTP (Time-based One-time Password algorithm) is a different use case than [Two-factor authentication](#), which protects a Tiki instance. This permits to manage the key (instead of putting on a smartphone) to connect to another site (which may or may not be a Tiki)

## USING PLUGINTOTP IN TIKI!

Let's suppose I am trying to connect to my Admin Dashboard, I begin by entering my username and password. Then I'm prompted for the TOTP, which I read off of the token and type into the third login field. Once I've done so, I'm logged.

## PARAMETERS

Allows to generate Time-based One-time Password

[Go to the source code](#)

*Preferences required:* `wikiplugin_totp`

# Parameters Accepted Values

interval

issuer

secret

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## Description

Amount of seconds that a TOTP will be valid/refreshed

Name of the application where the generated time-based one-time password will be used.

Secret key required to generate time-based one-time passwords. If not provided, a new secret key will be generated automatically.

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Default	Since
[Redacted content]	

### STEP 1 : ACTIVATE PLUGINTOTP

Go to Control Panel, search TOTP, check the PluginTOTP preferences and Click Apply to save changes.

The screenshot shows the Tiki Admin Dashboard with the 'Advanced' section selected. A search bar at the top left contains the text 'TOTP'. Below the search bar, a 'Preference Search Results' dialog box is open, displaying two search results:

Preference Name	Status	Field Type
Inline plugin Time-based One-time Password	<input checked="" type="checkbox"/>	textarea
Plugin Time-based One-time Password	<input checked="" type="checkbox"/>	textarea

An 'Apply' button is located at the bottom right of the search results box. Below the search results, there is a 'Tip' message: 'Enable/disable Tiki features in **Control Panels** » **Features**, but configure them elsewhere. See **more options** after you enable more **Preference Filters** above (T).

Click to expand

## STEP 2 : CONFIGURE PLUGINTOTP

You need to setup a wiki login page with following input fields :

- Username Field
- Password Field
- TOTP Code Field



```
{totp secret="YOUR SECRET TOTP CODE" interval="INTERVAL IN SECONDS" issuer="YOUR ISSUER PAGE"}
```

The secret key must be 16 characters long and contain only uppercase letters A-Z and digits 2-7, otherwise it will not generate the Qr code. If you don't know the secret you can live it blank and Tiki will generate a secret for you.

If you want to use advanced options of the pluginTOTP, click at the [?](#) Help button (at right corner of your wiki-page editor), search TOTP in PluginHelp tab."

**You should now see something like this**

**Code: 114702 Expires in: 12 seconds.**

[Hide QRCode](#)



1. Install Google Authenticator® app on your device and open it.
2. Tap "Scan a barcode".
3. Scan the QR code that is open in your browser.
4. Done, Google Authenticator® is now generating codes.

Click to expand

## STEP 3 : AUTHENTICATE

inally, when authenticating on page "Log In" (e.g. [http://www.example.com/tiki-login\\_scr.php?totpForm](http://www.example.com/tiki-login_scr.php?totpForm)), take the code generated by your TOTP app (Google Authenticator® App or other) and enter it in the **totpCode Field you recently created** then Click to Login.

You need to act fast because these codes start expiring, which if you're too slow, sometimes yields a login misfire and you need to try again with a fresher TOTP.

See also :  
[Two-factor authentication](#)