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## 2FA Virtualmin with Tiki TOTP

The use of Two-Factor Authentication increases the security of the Virtualmin web interface by going beyond using a simple password.

How to ensure that all users or a group of users can access Virtualmin with 2FA enabled, without first having access to Virtualmin configurations or without using Google Authenticator? In this case, by using PluginTOTP.

Below how to proceed:

## With Virtualmin (step 1):

- 1. Go to the **Webmin** menu and click on **Webmin Configuration**.
- 2. In the new interface, click on *Two-Factor Authentication* and choose *Google Authenticator* as *Authentication provider*, then click on the button "Save".



3. Still in the **Webmin** menu, go to the option **Webmin Users**, in the interface that opens, click on Two-Factor Authentication then in the new interface click on the "Enroll For Two-Factor Authentication" button to complete Enrolling for two-factor authentication with provider Google Authenticator.

← Ⅲ	☆ Two-Factor Authentication
This page allows you to enable two-fac	tor authentication for your Webmin login using Google Authenticator. Once active, an additional authentication token will be required when logging into Webmin.
	Two-factor authentication enrollment details
Personal secret key	
Generated randomly   Use 16-ch	iaracter key
Enroll For Two-Factor Authenti	cation
<ul> <li>Return to user list</li> </ul>	

4. Once enrolling has been confirmed, you'll see the secret code in the interface and the QR code.

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	Two-Factor Authentication
Enrolling for two-factor authentication v complete. Your ID with this provider is Enter the secret code HFAYNXE6DSHVH	

## With PluginTOTP (step 2):

Use the secret code you obtained in the previous step as the value of PluginTOTP 'secret' parameter. Example:

{totp secret="HFAYNXE6DSHVH5XJ" interval="60" issuer="MY TIKI"}

Please see PluginTOTP for more information.

Finally, use the token generated by PluginTOTP or by Google Authenticator, in case you scan the QR code, to connect to Virtualmin, after the Username and Password step.

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