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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".

(A) Webmin	✔ Virtualmin	← ● ■ Two-Factor Authentication
Search	۹	Two-factor authentication allows Webmin users to enable use of an additional authentication device when logging in, such as a one-time passcode generator. Users must individually enroll with the selected authentication provider after it is enabled on this page.
 Webmin Backup Configu 	-	Two-factor authentication options
Change Language and Theme		Authentication provider Google Authenticator 🔻
Usermin Configuration Webmin Actions Log		⊘ Save
Webmin Config Webmin Server		
• Webmin Users		Return to Webmin configuration
□ System		
 Servers Tools 		
Click to ex	pand	

 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.

	☆ Two-Factor Authentication
This page allows you to enable two-factor au	thentication 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	er key
Enroll For Two-Factor Authentication Return to user list	
ck to expand	

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 with provider Google Authenticator complete. Your ID with this provider is <mark>HFAYNXE6DSHVH5XJ</mark> . Enter the secret code HFAYNXE6DSHVH5XJ in the Google Authenticator app, or sca	an the QR code below.			
← Return to user list				
Click to expand				

With PluginTOTP (step 2):

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

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{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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