

Two-Factor Authentication for WHM

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Overview

This function allows you to configure two-factor authentication (2FA), an improved security measure for the login interface of cPanel & WHM. Two-factor authentication requires two forms of identification:

- Your password
- A generated security code

When you enable 2FA, an application on your smartphone supplies a code that you **must** enter with your password to log in. Without your smartphone, you cannot log in. For more information about 2FA, read Wikipedia's [Two-Factor Authentication](#) article.



Important:

If you or your users see a *Failed to set user configuration: The security code is invalid.* error, a problem may exist with the date and time settings on your server.

- To fix the issue, use the `ntpdate` command to re-synchronize your server's internal clock with the Network Time Protocol (NTP) server.
- 2FA **requires** an accurate server time in order to function properly.



Note:

2FA **requires** a smartphone with a supported time-based one-time password (TOTP) app. We suggest the following apps:

- For Android™, iOS®, and Blackberry® — [Google Authenticator™](#)
- For Android and iOS — [Duo Mobile](#)
- For Windows® Phone — [Authenticator](#)

Enable 2FA



Warning:

This feature may cause some third-party applications to break significantly, and may cause applications to improperly store data.

If 2FA is disabled on the server, click the toggle to change it to *On* and enable 2FA.



Note:

Only the `root` user can enable 2FA.

Settings

The *Settings* tab allows you to configure the 2FA *Issuer* setting. The *Issuer* setting determines the name that appears in the authentication app when a user accesses the security code.

To customize the *Issuer* setting for 2FA, perform the following steps:

- Click the *Settings* tab.
- Enter the desired value for the *Issuer* setting, or retain the default value.



Note:

If you do not enter a name for the *Issuer* setting, it defaults to the hostname.

3. Click *Save*.

Additional documentation

- [Two-Factor Authentication for WHM](#)
- [Configure Security Policies](#)
- [Manage Wheel Group Users](#)
- [Manage External Authentications](#)
- [The failurls File](#)