2-factor authentication for your web app using Google authentication

By Ketan Gohil on May 15th, 2018



With every hack, every breach, every lost or stolen phone, online users experience a similar feeling: How do I enhance my online security?

Usernames and passwords – no matter how unique they might be – are not poised to protecting your accounts and devices anymore. What's even worse, more than 65% of users use the same password everywhere, making it incredibly easy for hackers to breach your account.

So, the question arises, what you can do to enhance

your online application security?

We often use Google authentication as a Gmail address is so ubiquitous, web applications can send users to google to authenticate their identity, users who have 2-factor authentication enabled to get into the app only when they authenticate using their Google accounts.

Google Authenticator offers you an extra layer of protection, in addition to passwords, to drastically reduce the chance of a security breach in your web application.

What is Google Authenticator and how does it work?

Google Authenticator is a popular, free <u>mobile security</u> application based on two-factor authentication (2FA) that works to verify user identities before granting them access to websites and services. To access any website or web-based services, the user needs to type his normal username and password. Once done, the user then enters the code, typically a six-digit password that is delivered to their smartphone triggered by the login and is sent to the phone via text, voice call, or the mobile app. If the user has a security key, it can be inserted into the computer's USB port.

The code received on your phone is explicitly created for your account and only when you need it. This code can only be used one time and expires in 30 seconds.

This verifies that the same person entering login to any website or <u>website service</u> is in possession of the device or security key to which the Google Authenticator app was downloaded.

However, if you are using the same device for all your work, <u>Google Authenticator</u> will only ask for your password when you sign-in. But, when you or anyone else tries to sign in to your account from another

computer, the app will again ask for the verification.

The two-step verification allows you to secure your account with something you know (password), and something you have (Security key or your phone).

Features of the app

- > The app sends verification codes to your cell phone via text message or Google can call your cell or landline phone with your verification code.
- > It can generate verification codes even when your device has no phone or data connectivity.
- > Users can use a Security key for advanced protection.
- > Backup codes can be printed or downloaded when your phone is unavailable, for example, when you travel.

Stay in Touch



Enter Keywords

Categories

Business Consulting

<u>Design</u>

Development

Ecommerce

Industry

Marketing

Mobile

Mobile Applications D

News

Online Marketing

Responsive Web Desi

Search Engine Optimi

Social Networking

Solution Showcase

Success Stories

<u>Tips</u>

Web Application

Web Design

Archives

2018

<u>August</u>

<u>July</u>

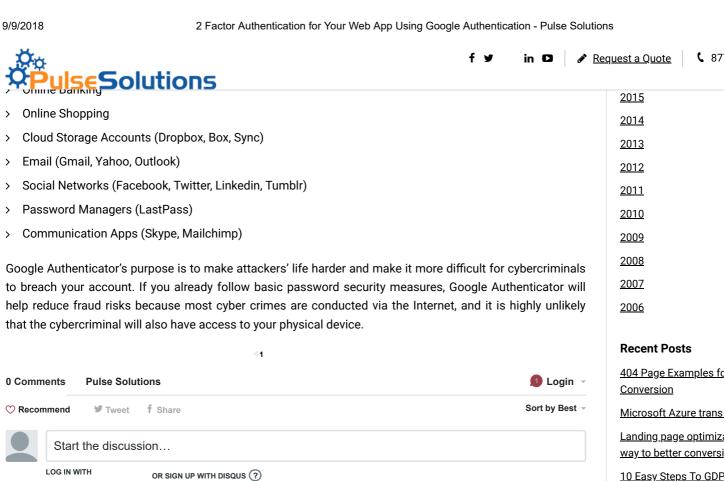
June

<u>May</u>

March

<u>February</u>

<u>January</u>



Be the first to comment.

ALSO ON PULSE SOLUTIONS

Responsive Design: How crucial it is?

1 comment • 3 years ago

Ketan C — Responsive design is d backbone of todays web design.... Works well with SEO too....

Name

10 most common pitfalls of a new online business

1 comment • 4 years ago

apollopt - I think you missed building a marketing plan but the list does look good!

1 comment • 2 years ago

Reseau Solutions SL Inc — Nice approach about website design. devices compatible pages has been most valuable thing

Essential web design trends of 2017

Conversion

C 87

Microsoft Azure trans

Landing page optimiza way to better conversi

10 Easy Steps To GDP Web Design

Improve Productivity V **Application Developm**

Popular Tags

.Net Core Developme **ADA Compliance** android apps develor cloud-based solution cloud based applicat content management conversion rate optin Digital marketing Ecommerce manage ecommerce web dev ecommerce website IT consulting compar

Google desktop push

Google notifications

Mobile app design

mobile app developm Mobile Application D

Online marketing con

online marketing solu

online marketing solu

pay per click manage

plumbing repair parts

Professional web des



f y

in

Request a Quote

\$ 87

responsive web design rock clothing saas application deve SAAS Application De services saas development search engine optimi search engine optimi social media marketi staff augmentation s Warehouse Managen web app developmen Web Application Deve Web Application Deve Services web development Web Development Tr web maintenance ser

punkstun responsi

© 1997-2018 · Pulse Solutions

About Pulse

Services

Solution Showcase

Customer Reviews

Blog

Careers

Sitemap

Website design

Conta