

APPLE KEYCHAIN

Everything you wanted to know but were afraid to ask!

KEYCHAIN

- What is it?
- How it works
 - Enable
 - Disable
 - Create a password
 - Manually add personal information (Name,Address, Credit Card)
 - How to access passwords
 - How to delete stuff from keychain
 - How to stop auto filling passwords
- Is iCloud Keychain Secure?

IS ICLOUD KEYCHAIN SECURE?

- Everything stored in iCloud Keychain is secure—it's protected by [industry-standard encryption](#).
- Two-factor authentication
- With [two-factor authentication](#), When you want to sign in with your Apple ID on a new device the first time, you need to provide two pieces of information—your password and the six-digit verification code that's auto-displayed on your trusted devices.
- Use of secure tokens for authentication
- When you access iCloud services with Apple's built-in apps, authentication is handled using a secure token.

WHAT IS ICLOUD KEYCHAIN?

- [iCloud Keychain](#) is Apple's password management system.
- You can safely and securely store account names, passwords, and credit card numbers.
- You can sync across devices on the same Apple ID using iCloud.
- In Safari you can access passwords and auto-fill shipping and credit card information.
- You can also access passwords stored in iCloud Keychain while in some third-party apps.

HOW TO ENABLE ICLOUD KEYCHAIN (IOS, IPADOS)

- Launch the Settings App
- Tap on Your Apple ID Banner
- Tap iCloud
- Scroll down and tap Keychain
- Toggle the iCloud Keychain switch on
- Enter your Apple ID if prompted

HOW TO ENABLE ICLOUD KEYCHAIN (MACOS)

- Launch the System Preferences App
- Tap on Your Apple ID button
- Scroll down and check the Keychain box
- Toggle the iCloud Keychain switch on
- Enter your Apple ID if prompted

HOW TO DISABLE ICLOUD KEYCHAIN (IOS, IPADOS)

- Launch the Settings App
- Tap on Your Apple ID Banner
- Tap iCloud
- Scroll down and tap Keychain
- Toggle the iCloud Keychain switch off
- When asked whether you want to turn off Safari AutoFill, select **Delete from my iPhone** to store it only in iCloud, or **Keep on my iPhone** to store the data on your iPhone
- Enter your Apple ID if prompted

HOW TO DISABLE ICLOUD KEYCHAIN (MACOS)

- Launch the System Preferences App
- Tap on Your Apple ID button
- Scroll down and check the Keychain box
- Toggle the iCloud Keychain switch off
- When asked whether you want to keep or delete a copy of your Safari passwords on this Mac select as appropriate
 - Note the info will still be in iCloud and available on other devices
- Enter your Apple ID if prompted

HOW TO CREATE A PSEUDO-RANDOM PASSWORD USING ICLOUD KEYCHAIN ON IPHONE AND IPAD

- Launch Safari from your iPhone or iPad
- Navigate to the website for which you want to create a login
- Select the Password field of the account creation form
- Tap Suggest Password just above the keyboard.
- When the pseudo-randomly generated password appears, tap Use Suggested Password.

HOW TO CREATE A PSEUDO-RANDOM PASSWORD USING ICLOUD KEYCHAIN ON MACOS

- Launch Keychain Access App
- Go to File – New Password Item
- Fill out the form
- Copy the password to your clipboard
- Paste in the appropriate field in Safari
- Pop will then ask if you would like to save password.
- Demo.....

HOW TO VIEW YOUR ICLOUD KEYCHAIN PASSWORDS IN SAFARI

- Launch Safari
- Go To Preferences
- Click on Passwords
- Enter your Mac password or use Apple Watch
- Click on item and password will magically appear

DATA SECURITY

- iCloud secures your information by encrypting it when it's in transit, storing it in iCloud in an encrypted format, and using secure tokens for authentication.
- For certain sensitive information, Apple uses end-to-end encryption. This means that only you can access your information, and only on devices where you're signed into iCloud. No one else, not even Apple, can access end-to-end encrypted information.
- End-to-end encryption requires that you have [two-factor authentication](#) turned on for your Apple ID. Keeping your [software up-to-date](#) and using two-factor authentication are the most important things that you can do to maintain the security of your devices and data.

DATA SECURITY

Data	Encryption		Notes
	In Transit	On Server	
Safari	Yes	Yes	
Notes	Yes	Yes	
iCloud.com	Yes	Yes	Based on individual category of Data
Mail	Yes	No	

END TO END ENCRYPTED DATA

- Your data is protected with a key derived from information unique to your device, combined with your device passcode, which only you know. No one else can access or read this data.
- These features and their data are transmitted and stored in iCloud using end-to-end encryption:
 - Apple Card transactions (requires iOS 12.4 or later)
 - Home data
 - [Health data](#) (requires iOS 12 or later)
 - iCloud Keychain (includes all your saved accounts and passwords)
 - Payment information
 - Safari History and iCloud Tabs (requires iOS 13 or later)
 - WI and HI Bluetooth keys (requires iOS 13 or later)

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