



lokblök

toughbrowser

Toughbrowser - A secure, sandboxed browser for safe access to whitelisted applications and websites.

WHAT IS IT?

Toughbrowser is a secure, application-specific browser based on the open-source Chromium project, designed to work in conjunction with Toughkey. As part of the Lokblok Zero Trust Ecosystem, Toughbrowser serves as a web sandbox for accessing whitelisted applications and web services while restricting users from interacting with unapproved third-party plugins and websites.

HOW DOES IT WORK?

Toughbrowser offers the following to enhance online security:

Secure Browsing Environment: Built on open-source Chromium, Toughbrowser provides a secure browsing environment free from unapproved third-party plugins, reducing the risk of malware and other cyber threats.

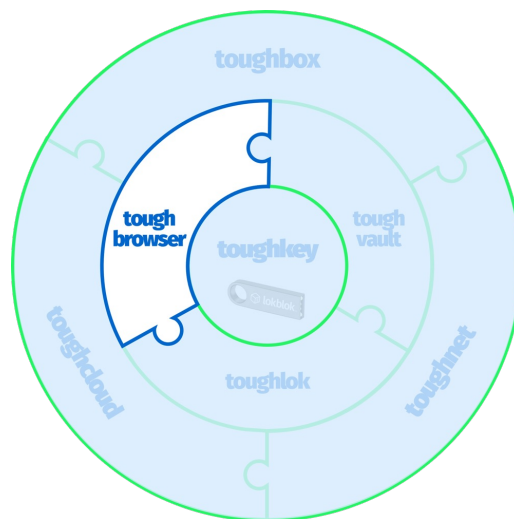
Whitelisted Applications and Websites: Toughbrowser allows users to access only whitelisted applications and web services, ensuring that they are interacting with trusted sources and minimizing the risk of exposure to malicious content.

Restricted Access: By limiting the applications and URLs users can visit to those approved for use, Toughbrowser helps to prevent accidental exposure to potentially harmful websites and applications.

For additional security, Toughbrowser can be integrated with Toughvault and Toughkey so that Toughkey is used to unlock Toughvault from which Toughbrowser is launched.

WHY USE IT?

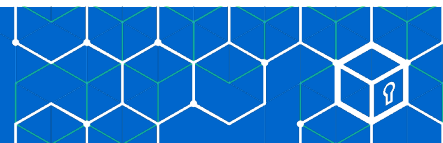
There are several reasons to choose Toughbrowser as your secure browsing solution:



Lokblok Zero Trust Ecosystem

Enhanced Security: General-purpose web browsing can expose users to a myriad of security risks, especially for those involved in buying, selling, trading, and staking cryptocurrencies. Some of these risks include phishing attacks, malware infections, and man-in-the-middle attacks, which can lead to stolen funds, compromised private keys, and unauthorized transactions. By providing a sandboxed environment for accessing whitelisted applications and websites, Toughbrowser mitigates these risks by ensuring that users interact only with trusted sources. This added layer of protection helps to prevent information leakage, reduces the chances of malware infections, and minimizes the likelihood of falling victim to cyber threats targeting cryptocurrency users.

Restricted Access: For users engaged in cryptocurrency transactions, restricted access to approved applications and URLs is essential for



maintaining security. With Toughbrowser's restricted access, users are less likely to accidentally visit malicious websites or download harmful content that could lead to the compromise of their digital assets. By limiting the applications and websites users can interact with, Toughbrowser effectively reduces exposure to potential threats such as fake cryptocurrency exchange platforms, fraudulent wallet applications, and scam websites designed to steal private keys or login credentials. This focused browsing experience ensures that users can confidently engage in cryptocurrency activities without putting their assets at unnecessary risk.

Clean Browsing Environment: With no third-party plugins, Toughbrowser minimizes the risk of malware and other security threats that can compromise your computer or phone.

TECHNICAL SPECIFICATION

Windows 10 / 11

Application Specific Browser

Chromium Embedded

URL Allowed List

Toughnet ZTNA

Toughvault Sandbox

SUMMARY

Toughbrowser is a secure, application-specific browser that forms an integral part of the Lokblok Zero Trust Ecosystem. By providing a sandboxed environment for accessing only whitelisted applications and websites, and integrating with Toughkey for authentication and authorization, Toughbrowser enhances online security and minimizes the risks associated with general-purpose web browsing. Designed to work specifically with Windows operating systems, Toughbrowser is an ideal choice for users seeking a safer and more secure browsing experience.