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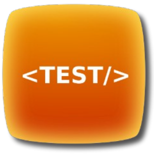
Make your web browser safer and increase your privacy

At the beginning, you can run a security and privacy check on your browser.



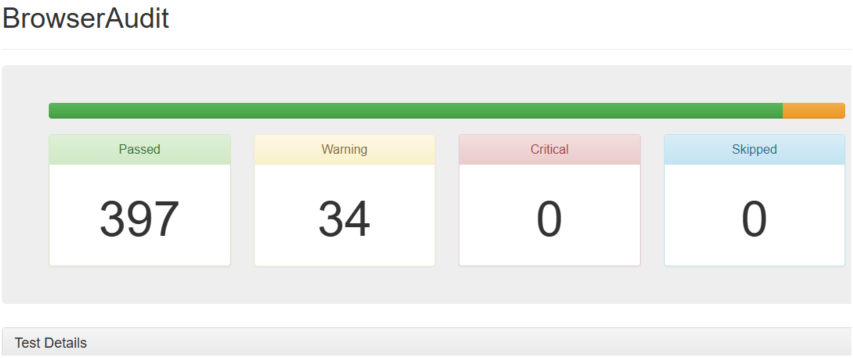
Test the security level of your browser

By using a special web service, you can check that the browser you are using correctly follows a broad range of security standards and features. About 400 tests are executed. The execution of the tests should only require some minutes.

You will find the test service at: browseraudit.com.

In case you don't want to share the test results with the provider, under **Other Settings** set **Test result reporting** off.

Hit the TestMe button to run the tests.



BrowserAudit

Passed	Warning	Critical	Skipped
397	34	0	0

Test Details

Test the privacy protection level of your browser

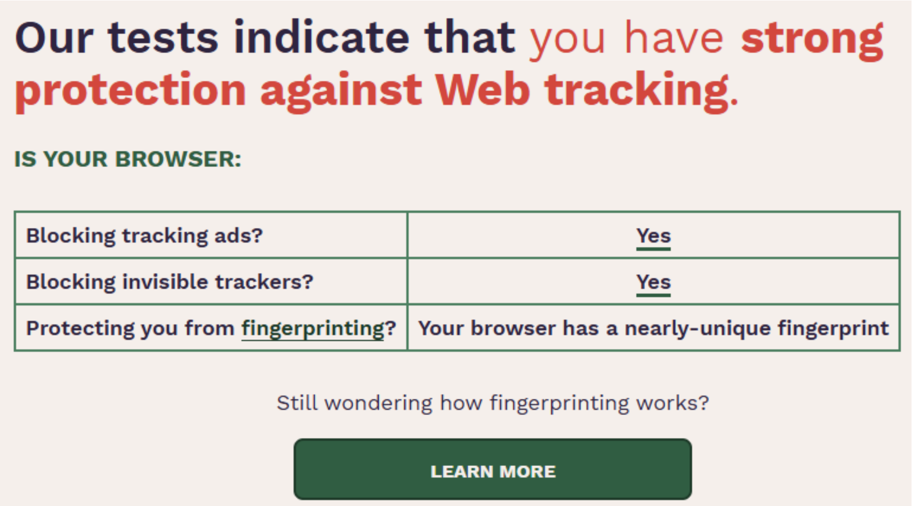
Cover Your Tracks is a project that investigates how uniquely identifiable web browsers are.

All collected data is in anonymized form, ensuring it does not lead to the identification or tracking of any web users.

Check how trackers examine your web browser: coveryourtracks.eff.org.

To carry out the analysis, press the **TEST YOUR BROWSER** button and enable the Test with a real tracking company function. The tool will display if your browser is blocking tracking advertisements, invisible tracking and fingerprinting.

After the tests are finished, a table outlining the key results is shown. Additionally, you find a detailed report explaining how and why you are being tracked by advertisers and data brokers.



Our tests indicate that you have strong protection against Web tracking.

IS YOUR BROWSER:

Blocking tracking ads?	Yes
Blocking invisible trackers?	Yes
Protecting you from fingerprinting?	Your browser has a nearly-unique fingerprint

Still wondering how fingerprinting works?

Improve your currently used browser by adding extensions to:

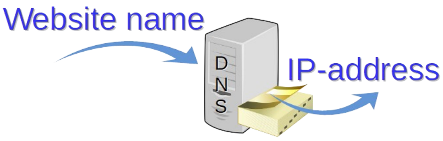
- block malicious websites and most Advertisements
- minimize Tracking activities

Alternatively, change to a safer and more private browser like Brave, Librewolf, Avast Secure Browser or Mullvad.

These can be arranged on Windows, Mac, and Linux systems

Estimated effort: 10 – 15 minutes per browser

Switch to a more secure Domain Name System (DNS)



A more secure DNS will block websites already before they appear in search results. Two categories for safer Domain Name Systems are available:

1. Automatically blocks malware and phishing sites
2. Additionally, sites containing adult content are blocked

More information on: https://www.safonnet.eu/more-details/1-safer-browsing#SaferDNS

These are available for Windows, Android, Linux and MAC OS devices

Estimated effort: 10 – 15 minutes per device

Enhance the security of your Windows computer

Keep Windows and all used apps up to date

Make sure your Windows system is automatically updated. Sometimes Microsoft offers additional updates. You can check the update status by going to **Start**, ***Settings*** then ***Update and Security*** and ***Windows Update***.

Another key point is to ensure that all your installed applications are kept updated. Usually updates handle security issues and may offer new enhancements as well. With the help of a specific program, you can update all your additional apps.

Estimated effort: 15 – 25 minutes

Improve your security by utilizing a Windows account with limited privileges for your regular work

This prevents the unnoticed installation and running of new software, including malicious programs. Furthermore, you cannot delete Windows system files accidentally.

Estimated effort: 10 – 15 minutes

Check the Security status of your Widows computer

Windows protects your device and data from various threats. It includes features like **Microsoft Defender Antivirus** with real-time protection, **Windows Firewall** and **Smart App Control**. These work together to supply real-time protection against viruses, malware and other security threats.

Launch the Windows Security app by searching for Windows Security or selecting it from the Start menu.

Alternatively, utilize a free open-source Antivirus program

These programs detect malware by scanning a system with various scanning methods:

Quick Scan, Full Scan, and Custom Scan.

The Quick scan mode scans those parts of a system known to contain malware and viruses.

Some of these anti-malware software additionally provide real-time protection against malware.

Estimated effort: 15 – 25 minutes

Protection against Ransomware

In case use are using an antivirus software, it might already include active protection against ransomware.

Otherwise, Kaspersky offers a free Anti-Ransomware Tool for business. This is a specialized application that monitors your computer for ongoing attacks. It instantly reacts to infected processes that attempt to run and prevents their access, to keep your computer safe.

Kaspersky Anti-Ransomware Tool download https://www.kaspersky.com/anti-ransomware-tool#free

Estimated effort: 10 – 15 minutes

Keep in mind, that Kaspersky Anti-Ransomware Tool can only block ransomware attacks. It's not designed to scan computers for existing infections, nor to remove ransomware.

Find out what is possible to do when ransomware has locked your files In the document:

Possible removal of ransomware

Run the web browser and email application in an isolated area of your computer

A specific application allows you to execute programs in a protected space, so called sandbox. This protected space will prevent any permanent changes being made to other software and data on your computer. It allows you to test and utilize programs without fear of harming your device.

Effort: 20 – 30 minutes for Windows and certain Linux computer

Back up your own data in a convenient way

Synchronization is a fast and convenient way to save your files and folders to a separate place or device. Depending on your needs, you can pre-configure the synchronization procedure in some programs.

An example of free synchronization software is: https://syncthing.net/.

With **Data Backup** you can save not only your files but also other data, like installed software or system related files. For a faster back up it is helpful when only changed files are saved (incremental backup).

An example of free backup software is: https://duplicati.com/

This is an effective way to prevent the loss of your data - for any reason.

For more information call **+358 45 78381092** or write to ✉ *info@safonnet.eu*

Check the security and visibility of your website

Analyse your website for potential security vulnerabilities and ensure HTML documents are properly validated.

For this purpose, certain tools are useable.

```
if ($(window).scrollTop() > header1_initialDistance) {
    if (parseInt(header1.css('padding-top'), 10)
        header1.css('padding-top', '' + $(window).scrollTop()
    }
} else {
    header1.css('padding-top', '' + header1_initialPadding
}

if ($(window).scrollTop() > header2_initialDistance) {
    if (parseInt(header2.css('padding-top'), 10)
        header2.css('padding-top', '' + $(window).scrollTop()

    }
} else {
    header2.css('padding-top', '' + header2_initialPadding
```

Examine your website for potential security weaknesses

With a free website security check it is possible to scan an online property, page by page. It's a fast option because it doesn't require the installation of server-side vulnerability scanning tools.

Follow the link to use the security checker for separate pages: https://unmask.sucuri.net/

Another open-source tool that is developed by OWASP. It is available for Windows, Unix/Linux and Macintosh platforms. You can utilize this tool as a scanner by inputting the URL to perform scanning. Or use this tool as an intercepting proxy to manually perform tests on specific pages.

Besides, that it must be installed, it requires a Java Runtime Environment (JRE).

On the other hand, the tool is easy to use, and it can be utilized to discover a wide range of vulnerabilities in web applications.

Link to the free open-source tool Zed Attack Proxy (ZAP): https://www.zaproxy.org/

Checking the syntax of your website

The free tool Markup Validator checks the syntax of Web documents, written in formats such as HTML, XHTML, SMIL and MathML.

It compares your HTML document to the defined syntax of HTML and reports any discrepancies. The validation process allows website designers to correct formatting errors that may impact website performance.

Additionally, it improves compatibility across browsers and devices.

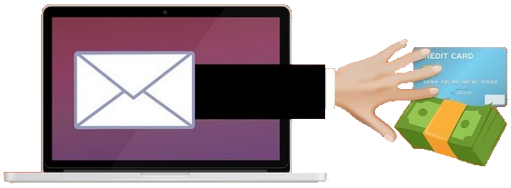
Link to W3c Markup Validation Service: https://validator.w3.org/

The validation source can be supplied through a URI, an up-loadable file, or by direct input.

Gain a deeper understanding of specific scams

The following types of scams are explained in more detail:

- Phishing attempts
- Ransomware attacks
- Fake online shops
- Crypto (Trading) scam



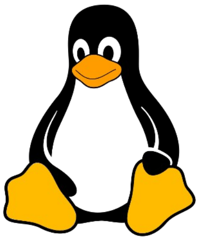
Get familiar with typical methods utilized for these types of fraudulent activities.

For each scamming type, practical steps for further investigations are demonstrated. For example, it is explained how a provided link can be checked. This may help to prevent to become a victim of fraudulent.

Discover more information at: https://www.safonnet.eu/more-details/1-safer-browsing#Avoid_scams

For more information call **+358 45 78381092** or write to *info@safonnet.eu*

Move to a cost-free Linux operating system



Based on your requirements, you can select from a range of free Linux distributions. Nevertheless, a Linux computer can carry out everything that a typical Windows or Mac computer is capable of.

Furthermore, Linux systems have fewer requirements on the computers hardware. Certain distributions run even on older PCs.

Here is more about Linux: https://www.linux.com/what-is-linux/ and an overview of Linux distributions is presented at: https://distrowatch.com/.

Additional free software is often bundled with many Linux distributions. A list of free open source applications is offered here: https://freeopensourcesoftware.org/index.php/Applications

The WINE application allows to run certain Windows programs on Linux. More at: https://www.winehq.org/.

If your computer's disk has sufficient space, you can also install and run Linux alongside Windows.

In addition to community-supported free Linux distributions, there are also commercially available distributions aimed at businesses. Further information about: How to Find the Best Linux Distro for Your Organization.

For more information call **+358 45 78381092** or write to *info@safonnet.eu*

Take advantage of free open-source software

Open-source software offers several advantages:

- **Cost Savings**: Open-source software is typically free to use, which can significantly reduce costs associated with licensing fees
- **Transparency and Security**: The source code is openly available, allowing users to inspect, modify, and improve it. This transparency can enhance security, as vulnerabilities can be identified and fixed more quickly
- **Community Support**: Open-source projects often have large, active communities that contribute to development, provide support and share knowledge. This collaborative environment can lead to rapid innovation and problem-solving
- **Customization and Flexibility**: Users can customize open-source software to fulfil their specific needs without the constraints imposed by proprietary software licenses.
- **Interoperability**: Open-source software often adheres to open standards, making it easier to integrate with other systems and avoiding vendor lock-in

- **Innovation**: The collaborative nature of open-source development encourages innovation. Developers from around the world can contribute ideas and improvements, leading to more innovative solutions
- **Reliability and Stability**: With a diverse community of contributors, open-source software often undergoes rigorous testing and review, leading to more reliable and stable products
- **Long-term Viability**: Open-source projects are less likely to become obsolete or unsupported, as the community can continue to maintain and update the software

Possible areas to utilize free open-source software are:

- Office software package to create documents, spreadsheets, presentations, diagrams and more
- Modify or improve your photos
- Accounting with double-entry book-keeping
- Make professional looking slide-shows of your photos
- Compress or protect files. This is primarily useful when sending large files or files with sensitive information over the Internet
- Task manager program, that helps to keep track of all your tasks
- Programs to take screen shots or for screen recording
- Software for editing videos
- Create, modify or manage PDF documents

Here is a comprehensive list of free and open-source software packages:
https://en.wikipedia.org/wiki/List_of_free_and_open-source_software_packages

For more information call **+358 45 78381092** or write to *info@safonnet.eu*