

# OWASP Top Ten Web Application Security Risks | OWASP Foundation

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The most current released version is the [OWASP Top Ten 2025](#).

Previous versions are available at [OWASP Top Ten 2021](#) and [OWASP Top 10 2017 \(PDF\)](#). Older versions are available in the [Github repo](#).

The OWASP Top 10 is a standard awareness document for developers and web application security. It represents a broad consensus about the most critical security risks to web applications.

Globally recognized by developers as the first step towards more secure coding.

Companies should adopt this document and start the process of ensuring that their web applications minimize these risks. Using the OWASP Top 10 is perhaps the most effective first step towards changing the software development culture within your organization into one that produces more secure code.

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## Translation Efforts

Efforts have been made in numerous languages to translate the OWASP Top 10 - 2025. If you are interested in helping, please contact the members of the team for the language you are interested in contributing to, or if you don't see your language listed (neither here nor at [github](#)), please email [owasp-topten@lists.owasp.org](mailto:owasp-topten@lists.owasp.org) to let us know that you want to help and we'll form a volunteer group for your language.

### Top10:2025 Completed Translations:

*Translations in progress - check back soon!*

### Historic:

#### Top10:2021 Completed Translations:

- [ar - العربية](#)
- [es - Español](#)
- [fr - Français](#)
- [id - Indonesian](#)
- [it - Italiano](#)
- [ja - 日本語](#)
- [pt\\_BR - Português \(Brasil\)](#)
- [zh\\_CN - 简体中文](#)

- [zh\\_TW - 繁體中文](#)

## Top10:2017 Completed Translations:

- **Chinese:** [OWASP Top 10-2017 - 中文版 \(PDF\)](#)
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- **French:** [OWASP Top 10 2017 in French \(Git/Markdown\)](#)
- **German:** [OWASP Top 10 2017 in German V1.0 \(Pdf\) \(web pages\)](#)  
compiled by Christian Dresen, Alexios Fakos, Louisa Frick, Torsten Gigler, Tobias Glemser, Dr. Frank Gut, Dr. Ingo Hanke, Dr. Thomas Herzog, Dr. Markus Koegel, Sebastian Klipper, Jens Liebau, Ralf Reinhardt, Martin Riedel, Michael Schaefer
- **Hebrew:** [OWASP Top 10-2017 - Hebrew \(PDF\) \(PPTX\)](#)  
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- **Japanese:** [OWASP Top 10-2017 - 日本語版 \(PDF\)](#)  
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- **Korean:** [OWASP Top 10-2017 - 한글 \(PDF\) \(PPTX\)](#)  
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- **Portuguese:** [OWASP Top 10 2017 - Portuguese \(PDF\) \(ODP\)](#)  
translated by Anabela Nogueira, Carlos Serrão, Guillaume Lopes, João Pinto, João Samouco, Kembolle A. Oliveira, Paulo A. Silva, Ricardo Mourato, Rui Silva, Sérgio Domingues, Tiago Reis, Vítor Magano.
- **Russian:** [OWASP Top 10-2017 - на русском языке \(PDF\)](#)  
translated and reviewed by JZDLin (@JZDLin), Oleksii Skachkov (@hamster4n), Ivan Kochurkin (@KvanTTT) and [Taras Ivashchenko](#)
- **Spanish:** [OWASP Top 10-2017 - Español \(PDF\)](#)
  - [Gerardo Canedo](#) (Gerardo.Canedo@owasp.org - [Twitter: @GerardoMCanedo])
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## Top10:2017 Release Candidate Translation Teams:

- Azerbaijani: Rashad Aliyev (rashad@aliev.info)
- Chinese RC2: Rip、包悦忠、李旭勤、王颀、王厚奎、吴楠、徐瑞祝、夏天泽、张家银、张剑钟、赵学文(排名不分先后，按姓氏拼音排列) [OWASP Top10 2017 RC2 - Chinese PDF](#)
- French: Ludovic Petit: Ludovic.Petit@owasp.org, Sébastien Gioria: Sebastien.Gioria@owasp.org.
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## Top10:2013 Completed Translations:

- Arabic: [OWASP Top 10 2013 - Arabic PDF](#)  
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- Chinese 2013 : 中文版2013 [OWASP Top 10 2013 - Chinese \(PDF\)](#).  
项目组长：Rip、王颀，参与人员：陈亮、顾庆林、胡晓斌、李建蒙、王文君、杨天识、张在峰
- Czech 2013: [OWASP Top 10 2013 - Czech \(PDF\)](#) [OWASP Top 10 2013 - Czech \(PPTX\)](#)  
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- French 2013: [OWASP Top 10 2013 - French PDF](#)  
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- German 2013: [OWASP Top 10 2013 - German PDF](#)  
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- Hebrew 2013: [OWASP Top 10 2013 - Hebrew PDF](#)  
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- Japanese 2013: [OWASP Top 10 2013 - Japanese PDF](#)  
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- Brazilian Portuguese 2013: [OWASP Top 10 2013 - Brazilian Portuguese PDF](#)  
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- Spanish 2013: [OWASP Top 10 2013 - Spanish PDF](#)  
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- Ukrainian 2013: [OWASP Top 10 2013 - Ukrainian PDF](#)  
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## 2010 Completed Translations:

- Korean 2010: [OWASP Top 10 2010 - Korean PDF](#)  
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- Spanish 2010: [OWASP Top 10 2010 - Spanish PDF](#)  
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- French 2010: [OWASP Top 10 2010 - French PDF](#)  
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- German 2010: [OWASP Top 10 2010 - German PDF](#)  
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- Indonesian 2010: [OWASP Top 10 2010 - Indonesian PDF](#)  
Tedi Heriyanto (coordinator), Lathifah Arief, Tri A Sundara, Zaki Akhmad
- Italian 2010: [OWASP Top 10 2010 - Italian PDF](#)  
Simone Onofri, Paolo Perego, Massimo Biagiotti, Edoardo Viscosi, Salvatore Fiorillo, Roberto Battistoni,  
Loredana Mancini, Michele Nesta, Paco Schiaffella, Lucilla Mancini, Gerardo Di Giacomo, Valentino Squilloni
- Japanese 2010: [OWASP Top 10 2010 - Japanese PDF](#)  
cecil.su@owasp.org, Dr. Masayuki Hisada, Yoshimasa Kawamoto, Ryusuke Sakamoto, Keisuke Seki, Shin Umemoto, Takashi Arima
- Chinese 2010: [OWASP Top 10 2010 - Chinese PDF](#)  
感谢以下为中文版本做出贡献的翻译人员和审核人员: Rip Torn, 钟卫林, 高雯, 王颢, 于振东
- Vietnamese 2010: [OWASP Top 10 2010 - Vietnamese PDF](#)  
Translation lead by Cecil Su - Translation Team: Dang Hoang Vu, Nguyen Ba Tien, Nguyen Tang Hung,  
Luong Dieu Phuong, Huynh Thien Tam
- Hebrew 2010: [OWASP Top 10 Hebrew Project](#) – [OWASP Top 10 2010 - Hebrew PDF](#).  
Lead by Or Katz, see translation page for list of contributors.

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The OWASP Top 10 - 2017 project was sponsored by Autodesk, and supported by the [OWASP NoVA Chapter](#).



Thanks to [Aspect Security](#) for sponsoring earlier versions.

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## **OWASP Top 10 2025 Data Analysis Plan**

### **Goals**

To collect the most comprehensive dataset related to identified application vulnerabilities to-date to enable analysis for the Top 10 and other future research as well. This data should come from a variety of sources; security vendors and consultancies, bug bounties, along with company/organizational contributions. Data will be normalized to allow for level comparison between Human assisted Tooling and Tooling assisted Humans.

### **Analysis Infrastructure**

Plan to leverage the OWASP Azure Cloud Infrastructure to collect, analyze, and store the data contributed.

### **Contributions**

We plan to support both known and pseudo-anonymous contributions. The preference is for contributions to be known; this immensely helps with the validation/quality/confidence of the data submitted. If the submitter prefers to have their data stored anonymously and even go as far as submitting the data anonymously, then it will have to be classified as “unverified” vs. “verified”.

#### **Verified Data Contribution**

Scenario 1: The submitter is known and has agreed to be identified as a contributing party.

Scenario 2: The submitter is known but would rather not be publicly identified.

Scenario 3: The submitter is known but does not want it recorded in the dataset.

#### **Unverified Data Contribution**

Scenario 4: The submitter is anonymous. (Should we support?)

The analysis of the data will be conducted with a careful distinction when the unverified data is part of the dataset that was analyzed.

## Contribution Process

There are a few ways that data can be contributed:

1. Email a CSV/Excel file with the dataset(s) to [brian.glas@owasp.org](mailto:brian.glas@owasp.org)
2. Upload a CSV/Excel file to <https://bit.ly/OWASPTop10Data>

Template examples can be found in GitHub: <https://github.com/OWASP/Top10/tree/master/2025/Data>

## Contribution Period

We plan to accept contributions to the new Top 10 until July 31, 2025, for data dating from 2021 to 2024.

## Data Structure

The following data elements are **required** or optional.

The more information provided the more accurate our analysis can be.

At a bare minimum, we need the time period, total number of applications tested in the dataset, and the list of CWEs and counts of how many applications contained that CWE.

If at all possible, please provide the additional metadata, because that will greatly help us gain more insights into the current state of testing and vulnerabilities.

### Metadata

- Contributor Name (org or anon)
- Contributor Contact Email
- **Time period (2024, 2023, 2022, 2021)**
- **Number of applications tested**
- Type of testing (TaH, HaT, Tools)
- Primary Language (code)
- Geographic Region (Global, North America, EU, Asia, other)
- Primary Industry (Multiple, Financial, Industrial, Software, ??)
- Whether or not data contains retests or the same applications multiple times (T/F)

### CWE Data

- **A list of CWEs w/ count of applications found to contain that CWE**

*If at all possible, please provide core CWEs in the data, not CWE categories.*

*This will help with the analysis, any normalization/aggregation done as a part of this analysis will be well documented.*

### Note:

If a contributor has two types of datasets, one from HaT and one from TaH sources, then it is recommended to submit them as two separate datasets.

*HaT = Human assisted Tools (higher volume/frequency, primarily from tooling)*

*TaH = Tool assisted Human (lower volume/frequency, primarily from human testing)*

## Survey

Similarly to the Top Ten 2021, we plan to conduct a survey to identify up to two categories of the Top Ten that the community believes are important, but may not be reflected in the data yet. We plan to conduct the survey in early 2025, and will be utilizing Google forms in a similar manner as last time. The CWEs on the survey will come from current trending findings, CWEs that are outside the Top Ten in data, and other potential sources.

## Process

At a high level, we plan to perform a level of data normalization; however, we will keep a version of the raw data contributed for future analysis. We will analyze the CWE distribution of the datasets and potentially reclassify some CWEs to consolidate them into larger buckets. We will carefully document all normalization actions taken so it is clear what has been done.

We plan to calculate likelihood following the model we continued in 2021 to determine incidence rate instead of frequency to rate how likely a given app may contain at least one instance of a CWE. This means we aren't looking for the frequency rate (number of findings) in an app, rather, we are looking for the number of applications that had one or more instances of a CWE. We can calculate the incidence rate based on the total number of applications tested in the dataset compared to how many applications each CWE was found in.

In addition, we will be developing base CWSS scores for the top 20-30 CWEs and include potential impact into the Top 10 weighting.

Also, would like to explore additional insights that could be gleaned from the contributed dataset to see what else can be learned that could be of use to the security and development communities.

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Source: <https://owasp.org/www-project-top-ten/>