

OWASP Top 10 - 2021

Introduction

OWASP stands for **Open Web Application Security Project**.

It is a **non-profit organization** focused on improving the **security of software and web applications**. OWASP provides:

Standards & Guidelines → e.g., the *OWASP Top 10*, which lists the most critical security risks to web applications.

Free Tools → such as OWASP ZAP (Zed Attack Proxy) for security testing.

Community & Projects → thousands of security professionals contribute research, documentation, and open-source tools.

Training & Awareness → helps developers, testers, and companies build more secure software.

OWASP Top 10 — 2021 (Official List)

According to OWASP, the updated Top 10 ranking and descriptions are:

A01:2021 – Broken Access Control

A02:2021 – Cryptographic Failures

A03:2021 – Injection

A04:2021 – Insecure Design (*new category*)

A05:2021 – Security Misconfiguration

A06:2021 – Vulnerable and Outdated Components

A07:2021 – Identification and Authentication Failures

A08:2021 – Software and Data Integrity Failures (*new category*)

A09:2021 – Security Logging and Monitoring Failures

A10:2021 – Server-Side Request Forgery (SSRF) (*new category*)

