


CWE Top 25 Most Dangerous Software Weaknesses

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	<p>Welcome to the 2025 Common Weakness Enumeration (CWE™) Top 25 Most Dangerous Software Weaknesses list (CWE™ Top 25). This list demonstrates the currently most common and impactful software weaknesses.</p> <p>Often easy to find and exploit, these can lead to exploitable vulnerabilities that allow adversaries to completely take over a system, steal data, or prevent applications from working.</p>	
2025 Top 25 List	Key Insights	Methodology

The CWE Top 25 Most Dangerous Software Weaknesses List highlights the most severe and prevalent weaknesses behind the 39,080 [Common Vulnerabilities and Exposures \(CVE™\) Records](#) in this year’s dataset. Uncovering the root causes of these vulnerabilities serves as a powerful guide for investments, policies, and practices to prevent these vulnerabilities from occurring in the first place — benefiting both industry and government stakeholders.

The CWE Top 25 can help inform:

- **Vulnerability Reduction** – Insights into the common root causes drive valuable feedback into vendors’ SDLC and architectural planning, helping to eliminate entire classes of defect (e.g., memory safety, injection)
- **Cost Savings** – Fewer vulnerabilities in product development mean fewer issues to manage post-deployment, ultimately saving money and resources
- **Trend Analysis** – Insight into data trends enables organizations to better focus security efforts
- **Exploitability Insights** – Certain weaknesses such as command injection attract adversarial attention, enabling risk prioritization.
- **Customer Trust** – Transparency in how organizations address these weaknesses shows commitment to product security

The [2025 CWE Top 25](#) is not only a valuable resource for developers and security professionals, but it also serves as a strategic guide for organizations aiming to make informed decisions in software, security, and risk management investments.

Also available now:

- [2025 CWE Top 10 KEV Weaknesses](#) — Ranking actively exploited weaknesses by CISA’s KEV Catalog.
- [2025 “On the Cusp” Weaknesses List](#) – 15 additional weaknesses that were “on the cusp” of being included in the 2025 CWE Top 25.

[Top 25 Archive](#)

Source: <https://cwe.mitre.org/top25/index.html>