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Cross-site scripting (XSS) remains one of the most prevalent and insidious vulnerabilities in web applications. It enables attackers to inject malicious scripts into web pages viewed by other users, often leading to data theft, session hijacking, and other malicious activities. While many XSS attacks are detectable through security audits, code reviews, or browsing activity, certain types of attacks can evade detection entirely, especially during manual inspection by security professionals. Understanding which types of XSS are stealthy and how they operate is crucial for developing robust security measures.

In this article, we explore the various forms of XSS attacks, focusing particularly on those that are not visible to security professionals during typical inspection processes. We will analyze the mechanisms that enable such attacks to remain hidden and discuss strategies to detect and mitigate these stealthy threats.
