Website is injected with malicious code and steals visitor session cookies

https://www.example.com/products.html?category=<script>alert('hello!');</script>

2

Website with vulnerability

3 The script is reactivated on each visit

4 Visitor session cookie is sent to the Malicious Actor

XSS Weakness Identified by OWASP

Malicious Actor

Website Visitor

1 Malicious actor discovers a vulnerability in the website that enable script injection