

< Back to all topics

What is XSS?

How does XSS work?

Impact of an attack

Proof of concept

Testing

Reflected XSS

Stored XSS

DOM-based XSS

XSS contexts

Exploiting XSS vulnerabilities

Dangling markup injection

Content security policy (CSP)

Preventing XSS attacks

Lab: Stored XSS into HTML context with nothing encoded

APPRENTICE

LAB

Solved

This lab contains a stored cross-site scripting vulnerability in the comment functionality.

To solve this lab, submit a comment that calls the `alert` function when the blog post is viewed.

ACCESS THE LAB

Solution

Community solutions

Products Solutions Research Academy Support

Dashboard Learning paths Latest topics All content Hall of Fame Get started Get certified

Web Security Academy > Cross-site scripting > DOM-based > Lab

Back to all topics

What is XSS?

How does XSS work?

Impact of an attack

Proof of concept

Testing

Reflected XSS

Stored XSS

DOM-based XSS

XSS contexts

Exploiting XSS vulnerabilities

Dangling markup injection

Content security policy (CSP)

Preventing XSS attacks

Cheat sheet

Lab: DOM XSS in document.write sink using source location.search

APPRENTICE LAB Solved

This lab contains a DOM-based cross-site scripting vulnerability in the search query tracking functionality. It uses the JavaScript `document.write` function, which writes data out to the page. The `document.write` function is called with data from `location.search`, which you can control using the website URL.

To solve this lab, perform a cross-site scripting attack that calls the `alert` function.

ACCESS THE LAB

Solution

Community solutions

Kali Linux

Lab: DOM XSS in innerHT

https://portswigger.net/web-security/cross-site-scripting/dom-based/lab-innerhtml-sink

Kali Linux

Kali Tools

Kali Docs

Kali Forums

Kali NetHunter

Exploit-DB

Google Hacking DB

OffSec

<

Back to all topics

What is XSS?

How does XSS work?

Impact of an attack

Proof of concept

Testing

Reflected XSS

Stored XSS

DOM-based XSS

XSS contexts

Exploiting XSS vulnerabilities

Dangling markup injection

Content security policy (CSP)

Preventing XSS attacks

Cheat sheet

View all XSS labs

Web Security Academy > Cross-site scripting > DOM-based > Lab

Lab: DOM XSS in innerHTML sink using source location.search

APPRENTICE

LAB Solved

This lab contains a DOM-based cross-site scripting vulnerability in the search blog functionality. It uses an innerHTML assignment, which changes the HTML contents of a div element, using data from location.search.

To solve this lab, perform a cross-site scripting attack that calls the alert function.

ACCESS THE LAB

Solution

Community solutions

Lab: DOM XSS in jQuery

+

← → ↺ 🏠

https://portswigger.net/web-security/cross-site-scripting/dom-based/lab-jquery-href-attribute-sink

☆

🔒

👤

🔖

☰

Kali Linux Kali Tools Kali Docs Kali Forums Kali NetHunter Exploit-DB Google Hacking DB OffSec

ⓧ

Web Security Academy > Cross-site scripting > DOM-based > Lab

< Back to all topics

What is XSS?

How does XSS work?

Impact of an attack

Proof of concept

Testing

Reflected XSS

Stored XSS

DOM-based XSS

XSS contexts

Exploiting XSS vulnerabilities

Dangling markup injection

Content security policy (CSP)

Preventing XSS attacks

Cheat sheet

View all XSS labs

Lab: DOM XSS in jQuery anchor href attribute sink using location.search source

APPRENTICE

LAB Solved

This lab contains a DOM-based cross-site scripting vulnerability in the submit feedback page. It uses the jQuery library's `$` selector function to find an anchor element, and changes its `href` attribute using data from `location.search`.

To solve this lab, make the "back" link alert `document.cookie`.

🧪 ACCESS THE LAB

💡 Solution

🧠 Community solutions

< Back to all topics

What is XSS?

How does XSS work?

Impact of an attack

Proof of concept

Testing

Reflected XSS

Stored XSS

DOM-based XSS

XSS contexts

Exploiting XSS vulnerabilities

Dangling markup injection

Content security policy (CSP)

Preventing XSS attacks

Lab: DOM XSS in jQuery selector sink using a hashchange event

APPRENTICE



LAB

✓ Solved

This lab contains a DOM-based cross-site scripting vulnerability on the home page. It uses jQuery's `$()` selector function to auto-scroll to a given post, whose title is passed via the `location.hash` property.

To solve the lab, deliver an exploit to the victim that calls the `print()` function in their browser.



ACCESS THE LAB



Solution



Community solutions

1234

Kali Linux

All labs | Web Security Ac

DOM XSS in document.wi

https://portswigger.net/web-security/all-labs#cross-site-scripting

Kali LinuxKali ToolsKali DocsKali ForumsKali NetHunterExploit-DBGoogle Hacking DBOffSec

Back to all topics

SQL injection

Cross-site scripting

Cross-site request forgery (CSRF)

Clickjacking

DOM-based vulnerabilities

Cross-origin resource sharing (CORS)

XML external entity (XXE) injection

Server-side request forgery (SSRF)

HTTP request smuggling

OS command injection

Server-side template injection

Path traversal

Access control vulnerabilities

Authentication

WebSockets

Web cache poisoning

Reflected XSS into HTML context with nothing encoded →

LAB

APPRENTICE

Stored XSS into HTML context with nothing encoded →

Solved

LAB

APPRENTICE

DOM XSS in `document.write` sink using source `location.search` →

Solved

LAB

APPRENTICE

DOM XSS in `innerHTML` sink using source `location.search` →

Solved

LAB

APPRENTICE

DOM XSS in jQuery anchor `href` attribute sink using `location.search` source →

Solved

LAB

APPRENTICE

DOM XSS in jQuery selector sink using a hashchange event →

Solved

Track your progress