**Vulnerability Report**

Report ID: #Task2-Reflected-XSS

Vulnerability Title: Reflected XSS in search.asp

Vulnerability Type: Reflected Cross-site Scripting

Target URL: <http://testasp.vulnweb.com/search.asp>

Description:

The searchFor parameter in search.asp is vulnerable to reflected XSS. A crafted script in the URL executes in the browser, allowing an attacker to inject malicious code.

Steps to Reproduce:

Open Firefox with Burp Proxy set.

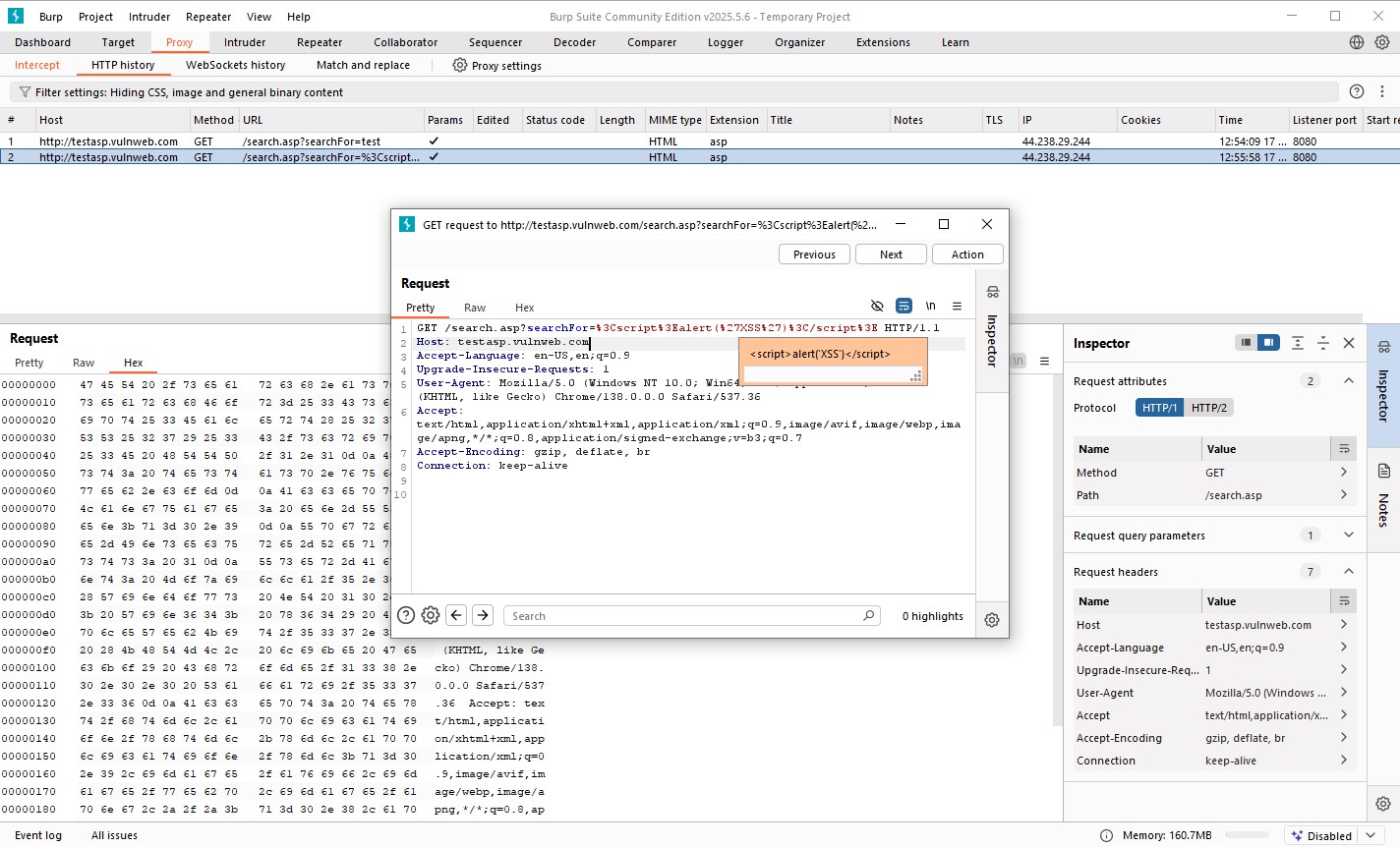
Visit:

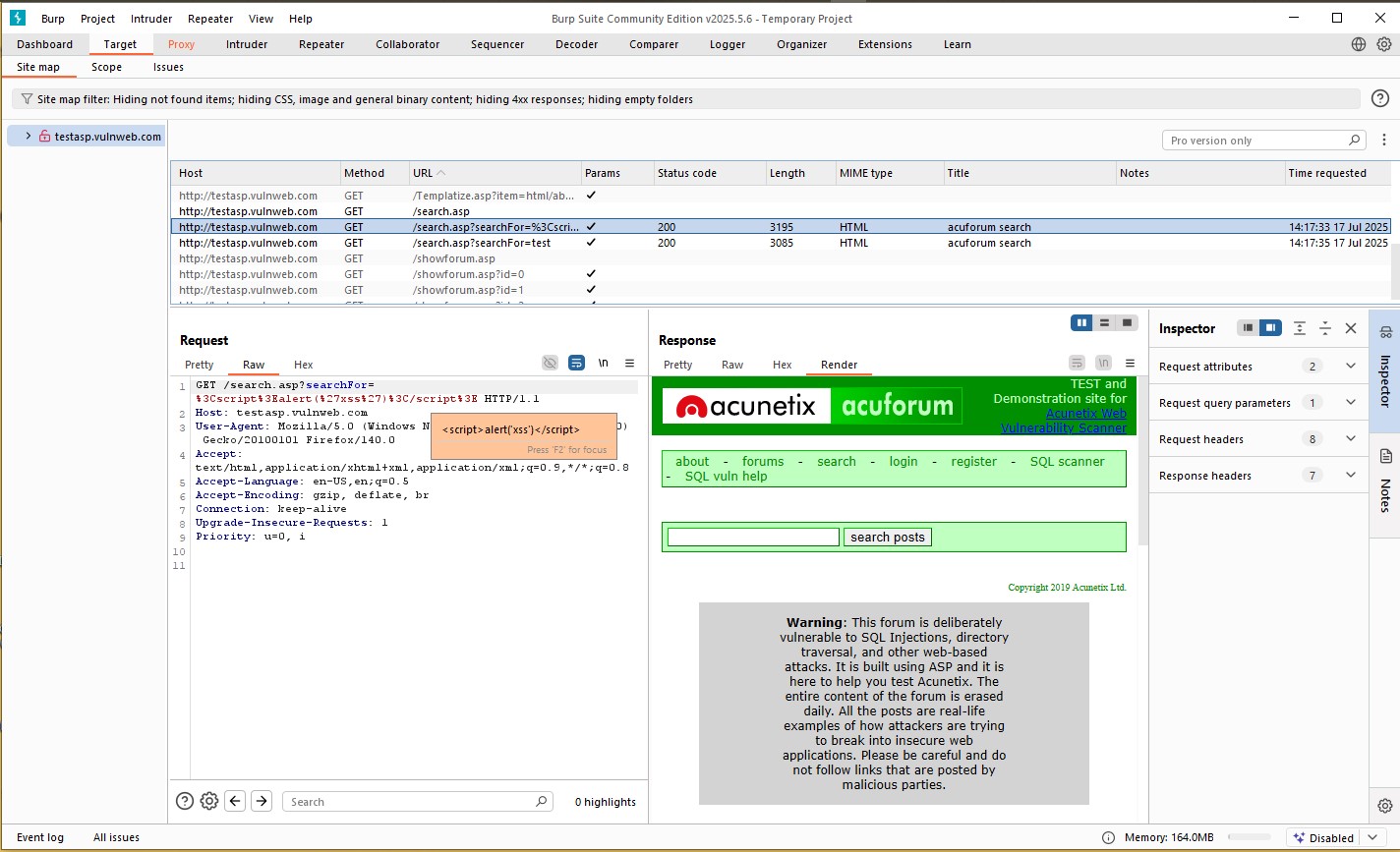
http://testasp.vulnweb.com/search.asp?searchFor=<script>alert('xss')</script>

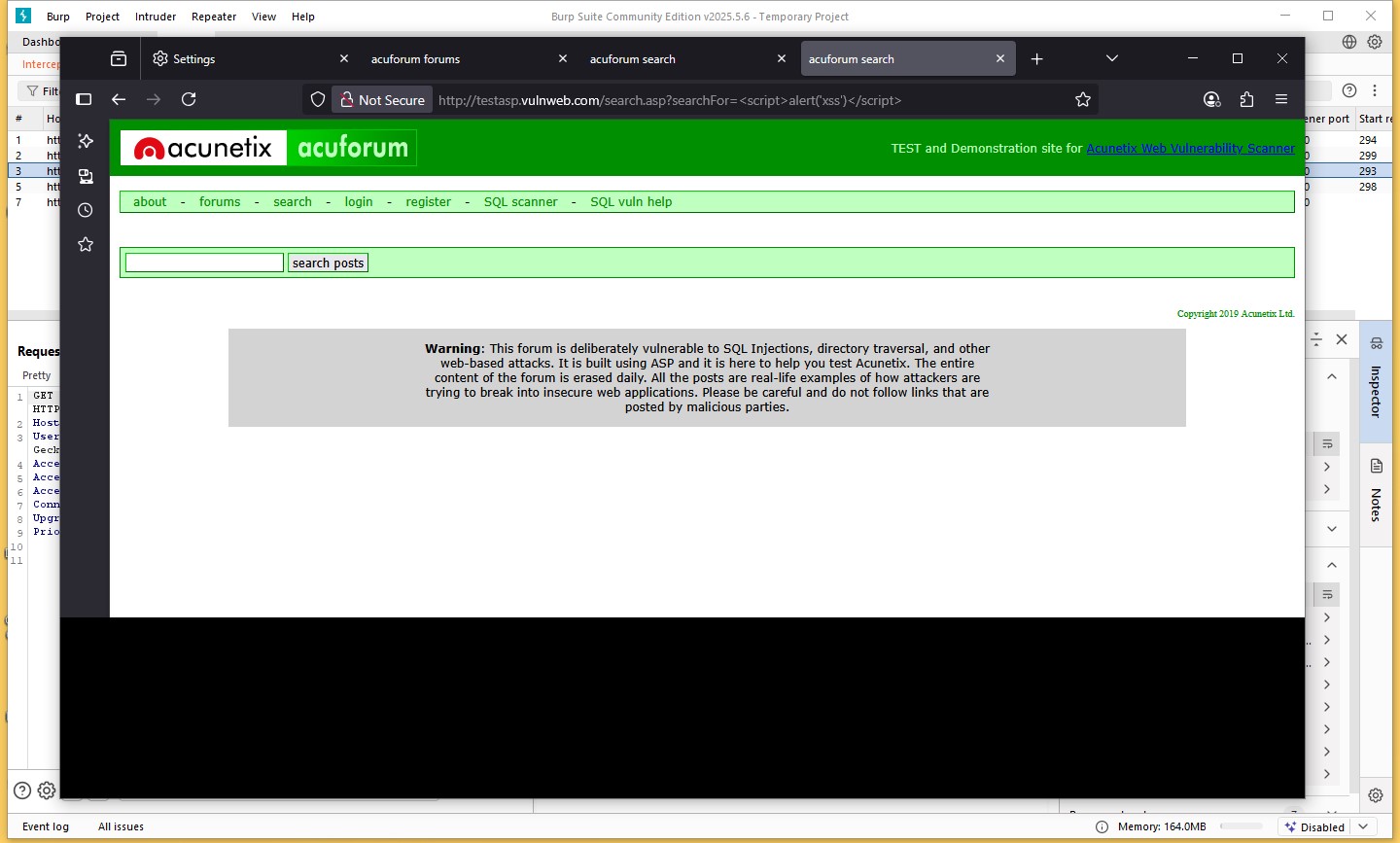
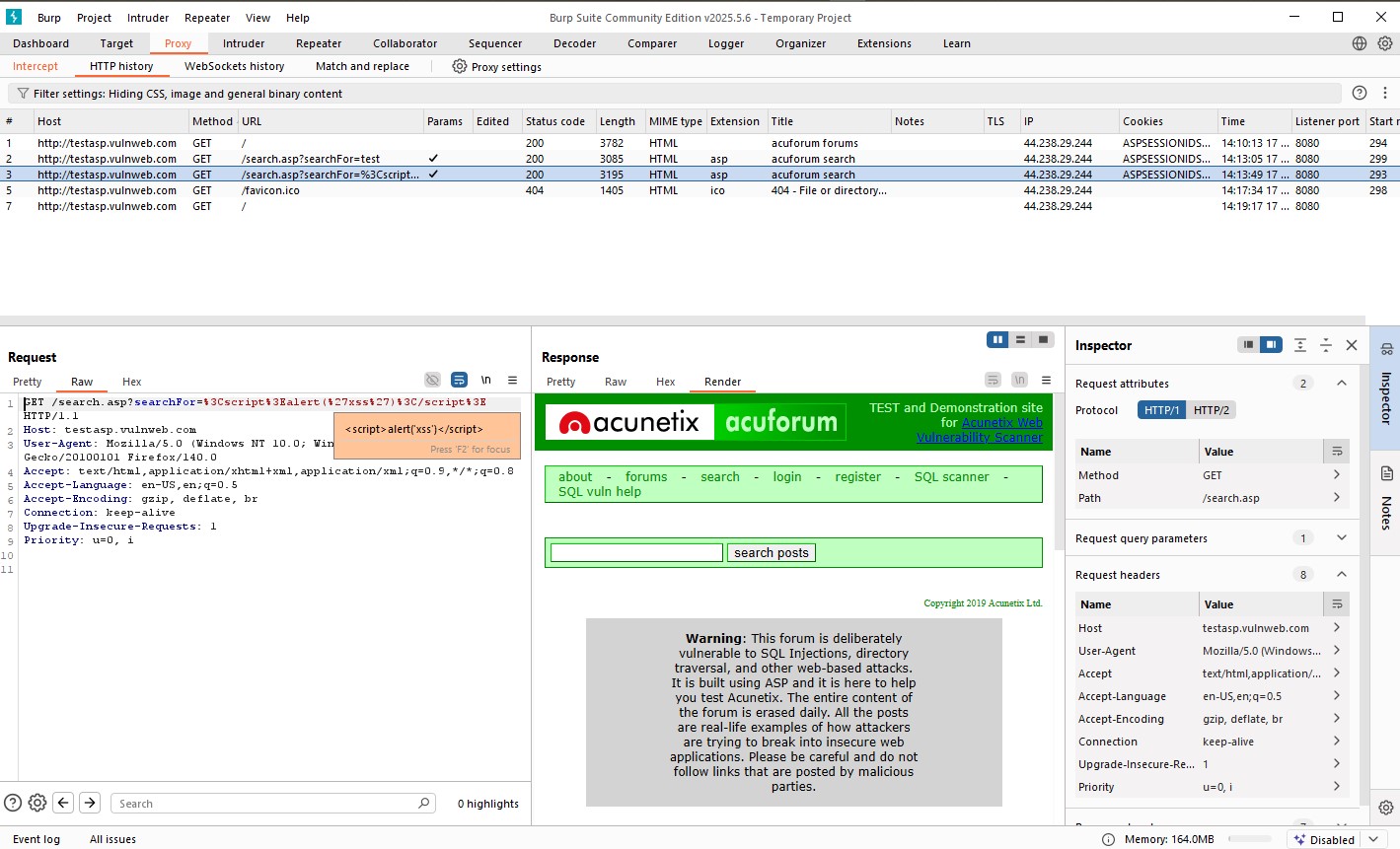
Observe alert popup.

Payload Used:

<script>alert('xss')</script>







Video Link - <https://drive.google.com/file/d/1Mmhwabtar7siOawta5RpX-rB7IByxJ7_/view?usp=sharing>

Impact:

* Session hijacking
* Phishing attacks
* Redirection to malicious websites

Recommendation:

* Sanitize and encode output.
* Use security libraries or frameworks that escape input.
* Apply a web application firewall (WAF).