

Report

Summaries

Alert counts by risk and confidence

This table shows the number of alerts for each level of risk and confidence included in the report.

(The percentages in brackets represent the count as a percentage of the total number of alerts included in the report, rounded to one decimal place.)

		Confidence					
		User	High	Medium	Low	Total	
		Confirmed					
Risk	High		0	0	5	1	6
			(0.0%)	(0.0%)	(31.2%)	(6.2%)	(37.5%)
	Medium		0	0	1	1	2
Informational			(0.0%)	(0.0%)	(6.2%)	(6.2%)	(12.5%)
	Low		0	0	7	0	7
Total			(0.0%)	(0.0%)	(43.8%)	(0.0%)	(43.8%)
	Informational		0	0	0	1	1
Total			(0.0%)	(0.0%)	(0.0%)	(6.2%)	(6.2%)
	Total		0	0	13	3	16
			(0.0%)	(0.0%)	(81.2%)	(18.8%)	(100%)

Alert counts by site and risk

This table shows, for each site for which one or more alerts were raised, the number of alerts raised at each risk level.

Alerts with a confidence level of "False Positive" have been excluded from these counts.

(The numbers in brackets are the number of alerts raised for the site at or above that risk level.)

Site		Risk			Information al	Low (>= Informa	tional)
		High (= High)	Medium (>= Medium)	>= Low	(>= Low)	(15)	(16)
http://testasp.vuln		6	2	7	1		
web.com		(6)	(8)				

Alert counts by alert type

This table shows the number of alerts of each alert type, together with the alert type's risk level.

(The percentages in brackets represent each count as a percentage, rounded to one decimal place, of the total number of alerts included in this report.)

Alert type	Risk	Count
<u>Cross Site Scripting (Persistent)</u>	High	2 (12.5%)
<u>Cross Site Scripting (Reflected)</u>	High	2 (12.5%)
<u>External Redirect</u>	High	2 (12.5%)
<u>Path Traversal</u>	High	3 (18.8%)
<u>Remote File Inclusion</u>	High	2 (12.5%)
<u>SQL Injection</u>	High	2 (12.5%)
Total		16

Alert type

Risk		Count
<u>Absence of Anti-CSRF Tokens</u>	Medium	274 (1,712.5%)
<u>Missing Anti-clickjacking Header</u>	Medium	367 (2,293.8%)
<u>Application Error Disclosure</u>	Low	92 (575.0%)
<u>Cookie No HttpOnly Flag</u>	Low	2 (12.5%)
<u>Cookie without SameSite Attribute</u>	Low	2 (12.5%)
<u>Information Disclosure - Debug Error Messages</u>	Low	92 (575.0%)
<u>Private IP Disclosure</u>	Low	20 (125.0%)
<u>Server Leaks Information via "X-Powered-By"</u>	Low	648 (4,050.0%)
<u>HTTP Response Header Field(s)</u>		
<u>X-Content-Type-Options Header Missing</u>	Low	372 (2,325.0%)
	<u>Information Disclosure - Suspicious Comments</u>	Informational 2 (12.5%)
Total		16

Alerts

Risk=High, Confidence=Medium (5)

<http://testasp.vulnweb.com> (5)

Cross Site Scripting (Persistent)(1)

- ▶ GET http://testasp.vulnweb.com/showthread.asp?id=86

Cross Site Scripting (Reflected)(1)

- ▶ POST http://testasp.vulnweb.com/showthread.asp?id=86

External Redirect(1)

- ▶ POST http://testasp.vulnweb.com/Login.asp?RetURL=1435618550584525096.owasp.org

Remote File Inclusion(1)

- ▶ POST http://testasp.vulnweb.com/Login.asp?RetURL=http%3A%2F%2Fwww.google.com%2F

SQL Injection (1)

- ▶ POST http://testasp.vulnweb.com/Login.asp?RetURL=%2FDefault%2Easp%3F

Risk=High, Confidence=Low (1)

<http://testasp.vulnweb.com> (1)

Path Traversal(1)

- ▶ POST <http://testasp.vulnweb.com/Login.asp?RetURL=Login.asp>

Risk=Medium, Confidence=Medium (1)

<http://testasp.vulnweb.com> (1)

Missing Anti-clickjacking Header (1)

- ▶ GET <http://testasp.vulnweb.com/>

Risk=Medium, Confidence=Low (1)

<http://testasp.vulnweb.com> (1)

Absence of Anti-CSRF Tokens(1)

- ▶ GET <http://testasp.vulnweb.com/Search.asp>

Risk=Low, Confidence=Medium (7)

<http://testasp.vulnweb.com> (7)

Application Error Disclosure(1)

- ▶ POST http://testasp.vulnweb.com/Register.asp?RetURL=%2FDefault%2Easp%3F

Cookie No HttpOnly Flag (1)

- ▶ GET http://testasp.vulnweb.com/

Cookie without SameSite Attribute(1)

- ▶ GET http://testasp.vulnweb.com/

Information Disclosure - Debug Error Messages (1)

- ▶ POST http://testasp.vulnweb.com/Register.asp?RetURL=%2FDefault%2Easp%3F

Private IP Disclosure(1)

- ▶ GET http://testasp.vulnweb.com/showthread.asp?id=59

Server Leaks Information via "X-Powered-By" HTTP Response Header Field(s) (1)

- ▶ GET http://testasp.vulnweb.com/

X-Content-Type-Options Header Missing (1)

- ▶ GET http://testasp.vulnweb.com/

Risk=Informational, Confidence=Low (1)

<http://testasp.vulnweb.com> (1)

Information Disclosure - Suspicious Comments(1)

- GET <http://testasp.vulnweb.com/jscripts/tinymce/tinymce.js>

Appendix

Alert types

Cross Site Scripting (Persistent)

Source	raised by an active scanner (Cross Site Scripting (Persistent))
CWE ID	79
WASC ID	8
Reference	<ul style="list-style-type: none">■ http://projects.webappsec.org/Cross-Site-Scripting■ http://cwe.mitre.org/data/definitions/79.html

Cross Site Scripting (Reflected)

Source	raised by an active scanner (Cross Site Scripting (Reflected))
CWE ID	79
WASC ID	8

	<ul style="list-style-type: none"> ■ http://projects.webappsec.org/Cross-Site-Scripting ■ http://cwe.mitre.org/data/definitions/79.html
Reference External Redirect	
Source	raised by an active scanner (External Redirect)
CWE ID	601
WASC ID	38
	<ul style="list-style-type: none"> ■ http://projects.webappsec.org/URL-Redirector-Abuse ■ http://cwe.mitre.org/data/definitions/601.html
Reference Path Traversal	
Source	raised by an active scanner (Path Traversal)
CWE ID	22
WASC ID	33
Reference	<ul style="list-style-type: none"> ■ http://projects.webappsec.org/Path-Traversal ■ http://cwe.mitre.org/data/definitions/22.html
Remote File Inclusion	
Source	raised by an active scanner (Remote File Inclusion)
CWE ID	98
WASC ID	5

Reference

- <http://projects.webappsec.org/Remote-File-Inclusion>
- <http://cwe.mitre.org/data/definitions/98.html>

SQL Injection

Source

raised by an active scanner ([SQL Injection](#))

CWE ID

[89](#)

WASC ID

19

Reference

- https://cheatsheetsseries.owasp.org/cheatsheets/SQL_Injection_Prevention_Cheat_Sheet.html

Absence of Anti-CSRF Tokens

Source

raised by a passive scanner ([Absence of Anti-CSRF Tokens](#))

CWE ID

[352](#)

WASC ID

9

Reference

- <http://projects.webappsec.org/Cross-Site-Request-Forgery>

- [http://cwe.mitre.org/data/definitions/352.html Missing](http://cwe.mitre.org/data/definitions/352.html)

Anti-clickjacking Header

Source

raised by a passive scanner ([Anti-clickjacking Header](#))

CWE ID

[1021](#)

WASC ID

15

Reference

- <https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/X-Frame-Options>

Application Error Disclosure

Source raised by a passive scanner ([Application Error Disclosure](#))

CWE ID [200](#)

WASC ID 13

Cookie No HttpOnly Flag

Source raised by a passive scanner ([Cookie No HttpOnly Flag](#))

CWE ID [1004](#)

WASC ID 13

Reference ■ <https://owasp.org/www-community/HttpOnly>

Cookie without SameSite Attribute

Source raised by a passive scanner ([Cookie without SameSite Attribute](#))

CWE ID [1275](#)

WASC ID 13

Reference ■ <https://tools.ietf.org/html/draft-ietf-httpbis-cookie-same-site>

Information Disclosure - Debug Error Messages

Source raised by a passive scanner ([Information Disclosure - Debug Error Messages](#))

CWE ID [200](#)

WASC ID 13

Private IP Disclosure

Source raised by a passive scanner ([Private IP Disclosure](#))

CWE ID [200](#)

WASC ID 13

Reference ■ <https://tools.ietf.org/html/rfc1918>

Server Leaks Information via "X-Powered-By" HTTP Response Header Field(s)

Source raised by a passive scanner ([Server Leaks Information via "X-Powered-By" HTTP Response Header Field\(s\)](#))

CWE ID [200](#)

WASC ID 13

Reference

- <http://blogs.msdn.com/b/varunm/archive/2013/04/23/remove-unwanted-http-response-headers.aspx>
- <http://www.troyhunt.com/2012/02/shhh-dont-let-yourresponse-headers.html>

X-Content-Type-Options Header Missing

Source raised by a passive scanner ([X-Content-Type-Options Header Missing](#))

CWE ID [693](#)

WASC ID 15

Reference ■ <http://msdn.microsoft.com/en-us/library/ie/gg622941%28v=vs.85%29.aspx>

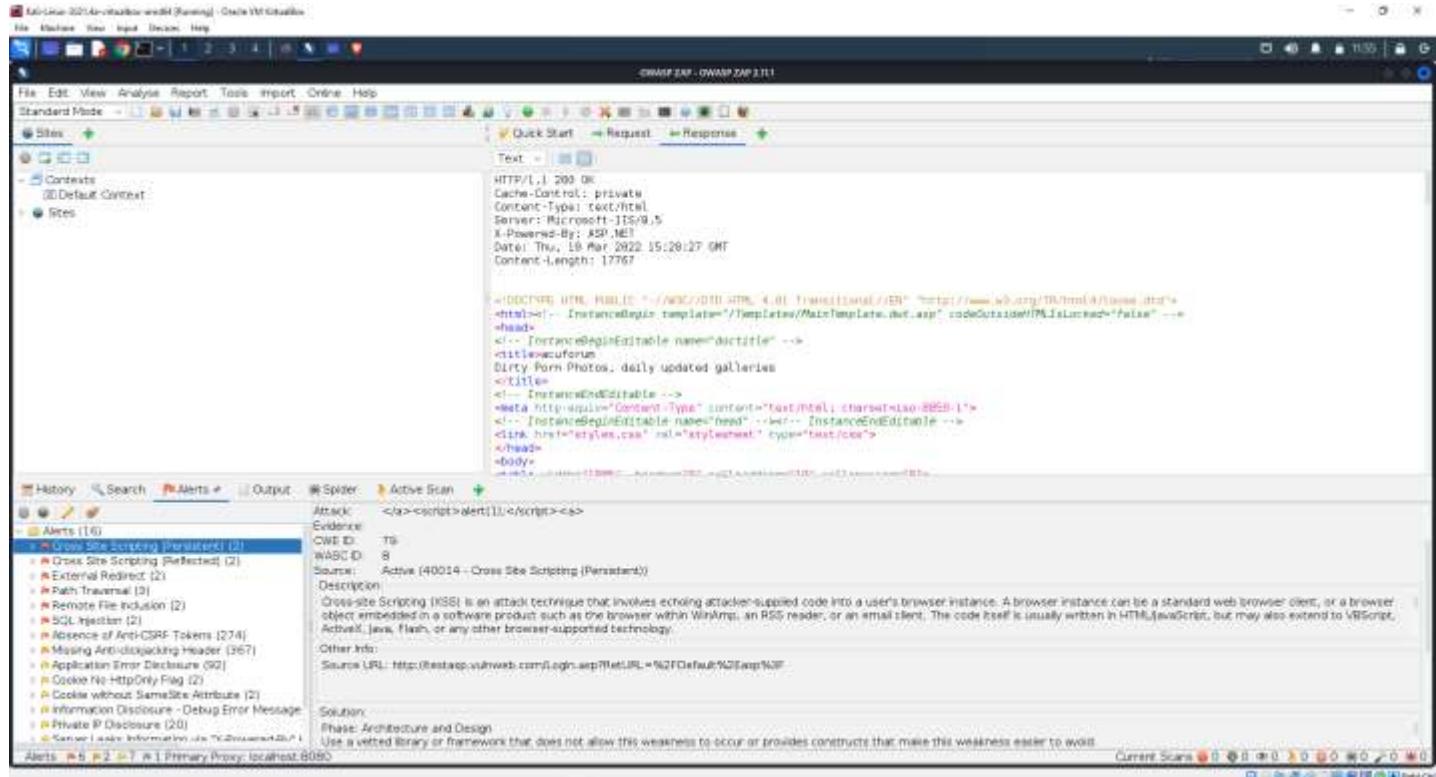
■ https://owasp.org/www-community/Security_Headers

Information Disclosure - Suspicious Comments

Source raised by a passive scanner ([Information Disclosure - Suspicious Comments](#))

CWE ID [200](#)

WASC ID 13



The screenshot shows the OWASP ZAP 2.11.1 interface. The top part displays a captured response with the following headers:

```
HTTP/1.1 200 OK
Cache-Control: private
Content-Type: text/html
Server: Microsoft-IIS/9.5
X-Powered-By: ASP.NET
Date: Thu, 18 Mar 2022 15:26:27 GMT
Content-Length: 17767
```

The body of the response contains HTML code, including a script tag that triggers an alert:

```
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN" "http://www.w3.org/TR/html4/loose.dtd">
<html><!-- InstanceBegin template="/Templates/MainTemplate.dwt.aspx" codeOutsideID="1" -->
<head>
<!-- InstanceBeginEditable name="dictitle" -->
<title>avacorum</title>
<!-- InstanceEndEditable -->
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<!-- InstanceBeginEditable name="head" --><!-- InstanceEndEditable -->
<link href="styles.css" rel="stylesheet" type="text/css">
</head>
<body>
```

The bottom part of the interface shows the 'Alerts' tab selected, displaying a list of detected vulnerabilities. One alert is highlighted in red:

- Cross-Site Scripting (Persistent) (1)**
 - Cross Site Scripting (Reflected) (2)
 - External Redirect (2)
 - Path Traversal (3)
 - Remote File Inclusion (2)
 - SQL Injection (2)
 - Absence of Anti-CSRF Tokens (274)
 - Mising Anti-Clickjacking Header (367)
 - Application Error Disclosure (92)
 - Cookie No HttpOnly Flag (2)
 - Cookie without SameSite Attribute (2)
 - Information Disclosure - Debug Error Message (1)
 - Private IP Disclosure (20)
 - Server Leader Information disclosure (1)

The highlighted alert details are as follows:

- Attack:** Active
- Evidence:** <a><script>alert(1)</script><a>
- CWE ID:** 79
- WASC ID:** 8
- Source:** Active (40014 - Cross Site Scripting (Persistent))
- Description:** Cross-site Scripting (XSS) is an attack technique that involves echoing attacker-supplied code into a user's browser instance. A browser instance can be a standard web browser client, or a browser object embedded in a software product such as the browser within WinAmp, an RSS reader, or an email client. The code itself is usually written in HTML/Javascript, but may also extend to VBScript, ActiveX, Java, Flash, or any other browser-supported technology.
- Other Info:** Source URL: <http://testapp.vshweb.com/Login.aspx?NetURL=%2FDefault%2Ftemp%2F>
- Solution:** Phase: Architecture and Design
Use a vetted library or framework that does not allow this weakness to occur or provides constructs that make this weakness easier to avoid.

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

<html><!-- InstanceBegin template="/Templates/MainTemplate.dwt.asp" codeOutsideHTMLIsLocked="false" --
>

<head>

<!-- InstanceBeginEditable name="doctitle" -->

<title>acuforum

Dirty Porn Photos, daily updated galleries

</title>

<!-- InstanceEndEditable -->

<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">

<!-- InstanceBeginEditable name="head" --><!-- InstanceEndEditable -->

<link href="styles.css" rel="stylesheet" type="text/css">

</head>

<body>

<table width="100%" border="0" cellpadding="10" cellspacing="0">

<tr bgcolor="#008F00">
```

```
<td width="306px"><a href="https://www.acunetix.com/"></a></td>

<td align="right" valign="middle" bgcolor="#008F00" class="disclaimer">TEST and Demonstration site for
<a href="https://www.acunetix.com/vulnerability-scanner/">Acunetix Web Vulnerability Scanner</a></td>
```

```
</tr>
```

```
<tr>
```

```
<td colspan="2"><div class="menubar"><a href="Templatize.asp?item=html/about.html"
class="menu">about</a> - <a href="Default.asp" class="menu">forums</a> - <a href="Search.asp"
class="menu">search</a>
```

```
- <a href=".Logout.asp?RetURL=%2Fshowthread%2Easp%3Fid%3D86" class="menu">logout
0W45pz4p</a>
```

```
- <a href="https://www.acunetix.com/vulnerability-scanner/sql-injection/" class="menu">SQL
scanner</a> - <a href="https://www.acunetix.com/websitetecurity/sql-injection/" class="menu">SQL vuln
help</a>
```

```
</div></td>
```

```
</tr>
```

```
<tr>
```

```
<td colspan="2"><!-- InstanceBeginEditable name="MainContentLeft" -->
```

```
<div class="path">
```

```
<a href="showforum.asp?id=0">Acunetix Web Vulnerability Scanner</a>/Dirty Porn
Photos, daily updated galleries
```

```
</div>
```

 posted by nitafl3 on 3/10/2022 3:01:40 PM	<div style="display: flex; justify-content: space-between;"> <div style="flex-grow: 1;"> Dirty Porn Photos, daily updated galleries - 185.220.102.241 </div> <div> Teen Girls Pussy Pics. Hot galleries </div> </div>
---	---

<http://lecenterpornfreehd़tv.danexxx.com/?jamya>

brazilian porn free galleries rachael bilson porn old ladies porns hentai shit porn porn danielle barker

 posted by WEB-INF\web.xml on 3/10/2022 3:18:14 PM	<div style="display: flex; justify-content: space-between;"> <div style="flex-grow: 1;"> ZAP - 103.78.168.19 </div> <div> c:/Windows/system.ini </div> </div>
 posted by WEB-INF\web.xml on 3/10/2022 3:18:15 PM	<div style="display: flex; justify-content: space-between;"> <div style="flex-grow: 1;"> ZAP - 103.78.168.19 </div> <div> c:/Windows/system.ini </div> </div>
 posted by WEB-INF\web.xml on 3/10/2022 3:18:15 PM	<div style="display: flex; justify-content: space-between;"> <div style="flex-grow: 1;"> ZAP - 103.78.168.19 </div> <div> c:/Windows/system.ini </div> </div>
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 posted by WEB-INF\web.xml on 3/10/2022 3:18:16 PM	<div style="display: flex; justify-content: space-between;"> <div style="flex-grow: 1;"> ZAP - 103.78.168.19 </div> <div> c:/etc/passwd </div> </div>
 posted by WEB-INF\web.xml on 3/10/2022 3:18:16 PM	<div style="display: flex; justify-content: space-between;"> <div style="flex-grow: 1;"> ZAP - 103.78.168.19 </div> <div> c:/etc/passwd </div> </div>
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 posted by WEB-INF\web.xml on 3/10/2022 3:18:17 PM	<div style="display: flex; justify-content: space-between;"> <div style="flex-grow: 1;"> ZAP - 103.78.168.19 </div> <div> c:/etc/passwd </div> </div>

bgcolor="#FFFFFF' width='120'>
posted by 0W45pz4p on
3/10/2022 3:20:27 PM</td><td valign='top' bgcolor="#FFFFFF"><div class='posttitle'>ZAP -
103.78.168.19</div><div class='posttext'><script>alert(1);</script><a></div></td></tr>

</table>

<!-- tinyMCE -->

<script language="javascript" type="text/javascript" src=".jscripts/tiny_mce/tiny_mce.js"></script>

<script language="javascript" type="text/javascript">

// Notice: The simple theme does not use all options some of them are limited to the advanced theme

tinyMCE.init({

mode : "textareas",

theme : "simple"

});

</script>

<!-- /tinyMCE -->

<form name="frmPostMessage" method="post" enctype="application/x-www-form-urlencoded">

<table align="center" width="500px" cellpadding="5" cellspacing="0" class="FramedForm">

<tr>

```
<td>Message subject <br>

<center>

<input name="tfSubject" type="text" class="postit" id="tfSubject">

</center></td>

</tr>

<tr>

<td>Message text <br>

<center>

<textarea name="tfText" class="postit" id="tfText"></textarea>

</center></td>

</tr>

<tr>

<td align="right"><input type="submit" value="Post it"></td>

</tr>

</table>

</form>
```

```
<!-- InstanceEndEditable --></td>

</tr>

<tr align="right" bgcolor="#FFFFFF">
<td colspan="2" class="footer">Copyright 2019 Acunetix Ltd.</td>
</tr>

</table>

<div style="background-color:lightgray;width:80%;margin:auto;text-align:center;font-size:12px;padding:1px">
<p style="padding-left:20%;padding-right:20%"><b>Warning</b>: This forum is deliberately vulnerable to SQL Injections, directory traversal, and other web-based attacks. It is built using ASP and it is here to help you test Acunetix. The entire content of the forum is erased daily. All the posts are real-life examples of how attackers are trying to break into insecure web applications. Please be careful and do not follow links that are posted by malicious parties.</p>
</div>

</body>

<!-- InstanceEnd --></html>
```

