

Site: http://localhost:3002

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ZAP Version: 2.14.0

## **Summary of Alerts**

Risk Level	Number of Alerts
High	0
Medium	0
Low	2
Informational	1

## **Alerts**

Name	Risk Level	Number of Instances
Server Leaks Information via "X-Powered-By" HTTP Response Header Field(s)	Low	3
X-Content-Type-Options Header Missing	Low	1
User Agent Fuzzer	Informational	12

## **Alert Detail**

Low	Server Leaks Information via "X-Powered-By" HTTP Response Header Field(s)
Description	The web/application server is leaking information via one or more "X-Powered-By" HTTP response headers. Access to such information may facilitate attackers identifying other frameworks/components your web application is reliant upon and the vulnerabilities such components may be subject to.
URL	http://localhost:3002/robots.txt
Method	GET
Attack	
Evidence	X-Powered-By: Express
Other Info	
URL	http://localhost:3002/sitemap.xml
Method	GET
Attack	
Evidence	X-Powered-By: Express
Other Info	
URL	http://localhost:3002/v1/pagamento/6

Method	GET
Attack	
Evidence	X-Powered-By: Express
Other Info	
Instances	3
Solution	Ensure that your web server, application server, load balancer, etc. is configured to suppress "X-Powered-By" headers.
Reference	https://owasp.org/www-project-web-security-testing-guide/v42/4- Web Application Security Testing/01-Information Gathering/08- Fingerprint Web Application Framework https://www.troyhunt.com/2012/02/shhh-dont-let-your-response-headers.html
CWE Id	200
WASC Id	13
Plugin Id	<u>10037</u>
Low	X-Content-Type-Options Header Missing
Description	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.
URL	http://localhost:3002/v1/pagamento/6
Method	GET
Attack	
Evidence	
Other Info	This issue still applies to error type pages (401, 403, 500, etc.) as those pages are often still affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type. At "High" threshold this scan rule will not alert on client or server error responses.
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Info Instances Solution Reference	affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type. At "High" threshold this scan rule will not alert on client or server error responses.  1  Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages.  If possible, ensure that the end user uses a standards-compliant and modern web browser that does not perform MIME-sniffing at all, or that can be directed by the web application /web server to not perform MIME-sniffing.  https://learn.microsoft.com/en-us/previous-versions/windows/internet-explorer/ie-developer /compatibility/gg622941(v=vs.85) https://owasp.org/www-community/Security_Headers
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Evidence	
Other Info	
URL	http://localhost:3002/v1/pagamento
Method	GET
Attack	Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 6.0)
Evidence	
Other Info	
URL	http://localhost:3002/v1/pagamento
Method	GET
Attack	Mozilla/4.0 (compatible; MSIE 8.0; Windows NT 6.1)
Evidence	
Other Info	
URL	http://localhost:3002/v1/pagamento
Method	GET
Attack	Mozilla/5.0 (Windows NT 10.0; Trident/7.0; rv:11.0) like Gecko
Evidence	
Other Info	
URL	http://localhost:3002/v1/pagamento
Method	GET
Attack	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/75.0.3739.0 Safari/537.36 Edg/75.0.109.0
Evidence	
Other Info	
URL	http://localhost:3002/v1/pagamento
Method	GET
Attack	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/91.0.4472.124 Safari/537.36
Evidence	
Other Info	
URL	http://localhost:3002/v1/pagamento
Method	GET
Attack	Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:93.0) Gecko/20100101 Firefox/91.0
Evidence	
Other Info	
URL	http://localhost:3002/v1/pagamento
Method	GET
Attack	Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)
Evidence	

Other Info	
URL	http://localhost:3002/v1/pagamento
Method	GET
Attack	Mozilla/5.0 (compatible; Yahoo! Slurp; http://help.yahoo.com/help/us/ysearch/slurp)
Evidence	
Other Info	
URL	http://localhost:3002/v1/pagamento
Method	GET
Attack	Mozilla/5.0 (iPhone; CPU iPhone OS 8_0_2 like Mac OS X) AppleWebKit/600.1.4 (KHTML, like Gecko) Version/8.0 Mobile/12A366 Safari/600.1.4
Evidence	
Other Info	
URL	http://localhost:3002/v1/pagamento
Method	GET
Attack	Mozilla/5.0 (iPhone; U; CPU iPhone OS 3_0 like Mac OS X; en-us) AppleWebKit/528.18 (KHTML, like Gecko) Version/4.0 Mobile/7A341 Safari/528.16
Evidence	
Other Info	
URL	http://localhost:3002/v1/pagamento
Method	GET
Attack	msnbot/1.1 (+http://search.msn.com/msnbot.htm)
Evidence	
Other Info	
Instances	12
Solution	
Reference	https://owasp.org/wstg
CWE Id	
WASC Id	
Plugin Id	10104