

GoTestWAF

API / Application Security Testing Results

Overall grade:

A+

99.4 / 100

Project name : generic

URL : https://juice-shop.home.lab

Testing Date : 08 March 2025

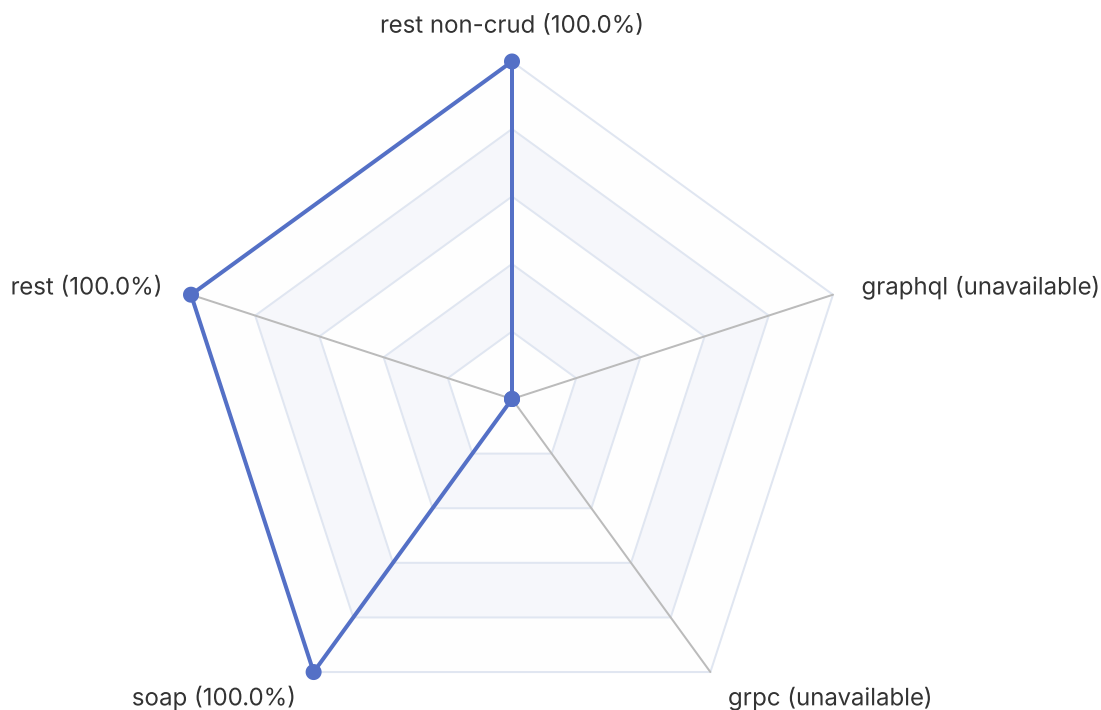
GoTestWAF version : v0.5.6

Test cases fingerprint : c6d14d6138601d19d215bb97806bcd3

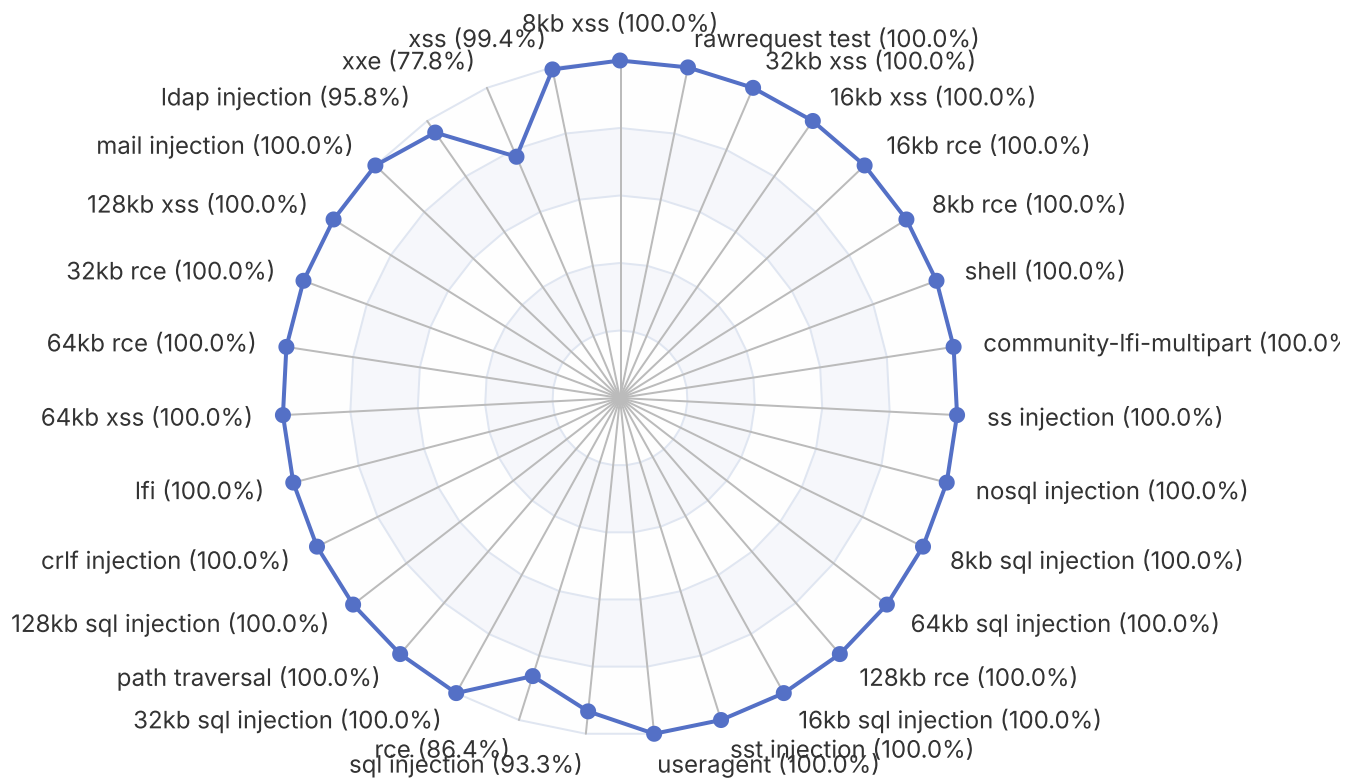
Used arguments : --url=https://juice-shop.home.lab

Type	True-positive tests blocked		True-negative tests passed		Grade	
API Security	A+	100.0%	N/A	0.0%	A+	100.0%
Application Security	A+	98.2%	A+	99.3%	A+	98.7%

API Security



Application Security



Benchmarks against other solutions

Type	API Security		Application Security		Overall score	
ModSecurity PARANOIA=1	F	42.9%	D+	67.6%	F	55.2%
ModSecurity PARANOIA=2	F	57.1%	F	58.9%	F	58.0%
ModSecurity PARANOIA=3	B	85.7%	F	50.9%	D+	68.3%
ModSecurity PARANOIA=4	A+	100.0%	F	36.8%	D+	68.4%
Wallarm	A+	100.0%	A+	97.7%	A+	98.9%
Your project	A+	100.0%	A+	98.7%	A+	99.4%

Details

Summary

Total requests sent: 816
Number of blocked requests: 663
Number of passed requests: 152
Number of unresolved requests: 1
Number of failed requests: 0

True-positive tests

Test set	Test case	Percentage	Blocked	Bypassed	Unresolved	Sent	Failed
community	community-128kb-rce	100.00%	1	0	0	1	0
community	community-128kb-sqli	100.00%	1	0	0	1	0
community	community-128kb-xss	100.00%	1	0	0	1	0
community	community-16kb-rce	100.00%	1	0	0	1	0
community	community-16kb-sqli	100.00%	1	0	0	1	0
community	community-16kb-xss	100.00%	1	0	0	1	0
community	community-32kb-rce	100.00%	1	0	0	1	0
community	community-32kb-sqli	100.00%	1	0	0	1	0
community	community-32kb-xss	100.00%	1	0	0	1	0
community	community-64kb-rce	100.00%	1	0	0	1	0
community	community-64kb-sqli	100.00%	1	0	0	1	0
community	community-64kb-xss	100.00%	1	0	0	1	0
community	community-8kb-rce	100.00%	1	0	0	1	0
community	community-8kb-sqli	100.00%	1	0	0	1	0
community	community-8kb-xss	100.00%	1	0	0	1	0
community	community-lfi	100.00%	8	0	0	8	0
community	community-lfi-multipart	100.00%	2	0	0	2	0
community	community-rce	100.00%	4	0	0	4	0
community	community-rce-rawrequests	100.00%	3	0	0	3	0
community	community-sqli	66.67%	8	4	0	12	0
community	community-user-agent	100.00%	9	0	0	9	0
community	community-xss	100.00%	104	0	0	104	0
community	community-xxe	100.00%	2	0	0	2	0
Summary for community		98.55%	155	4	0	159	0
owasp	crlf	100.00%	7	0	0	7	0
owasp	ldap-injection	95.83%	23	1	0	24	0
owasp	mail-injection	100.00%	24	0	0	24	0
owasp	nosql-injection	100.00%	50	0	0	50	0
owasp	path-traversal	100.00%	20	0	0	20	0

owasp	rce	66.67%	4	2	0	6	0
owasp	rce-urlparam	100.00%	9	0	0	9	0
owasp	rce-urlpath	66.67%	2	1	0	3	0
owasp	shell-injection	100.00%	32	0	0	32	0
owasp	sql-injection	100.00%	48	0	0	48	0
owasp	ss-include	100.00%	24	0	0	24	0
owasp	sst-injection	100.00%	24	0	0	24	0
owasp	xml-injection	71.43%	5	2	0	7	0
owasp	xss-scripting	99.10%	221	2	1	224	0
Summary for owasp		92.84%	493	8	1	502	0
owasp-api	graphql	0.00%	0	0	0	0	0
owasp-api	graphql-post	0.00%	0	0	0	0	0
owasp-api	grpc	0.00%	0	0	0	0	0
owasp-api	non-crud	100.00%	2	0	0	2	0
owasp-api	rest	100.00%	7	0	0	7	0
owasp-api	soap	100.00%	5	0	0	5	0
Summary for owasp-api		100.00%	14	0	0	14	0
Summary for true-positive tests		98.22%	662	12	1	675	0

True-negative tests

Test set	Test case	Percentage	Blocked	Bypassed	Unresolved	Sent	Failed
false-pos	texts	99.29%	1	140	0	141	0

True Negative Tests

140 true-negative requests identified as bypassed (test passed, good behavior)
1 true-negative requests identified as blocked (test failed, bad behavior)

Bypasses in Details

12 malicious requests have bypassed the security solution

Unresolved requests in Details

1 requests identified as blocked and passed or as not-blocked and not-passed