

GoTestWAF

API / Application Security Testing Results

Overall grade:

D+
68.6 / 100

Project name : generic

URL : http://host.docker.internal:8080/

Testing Date : 12 February 2025

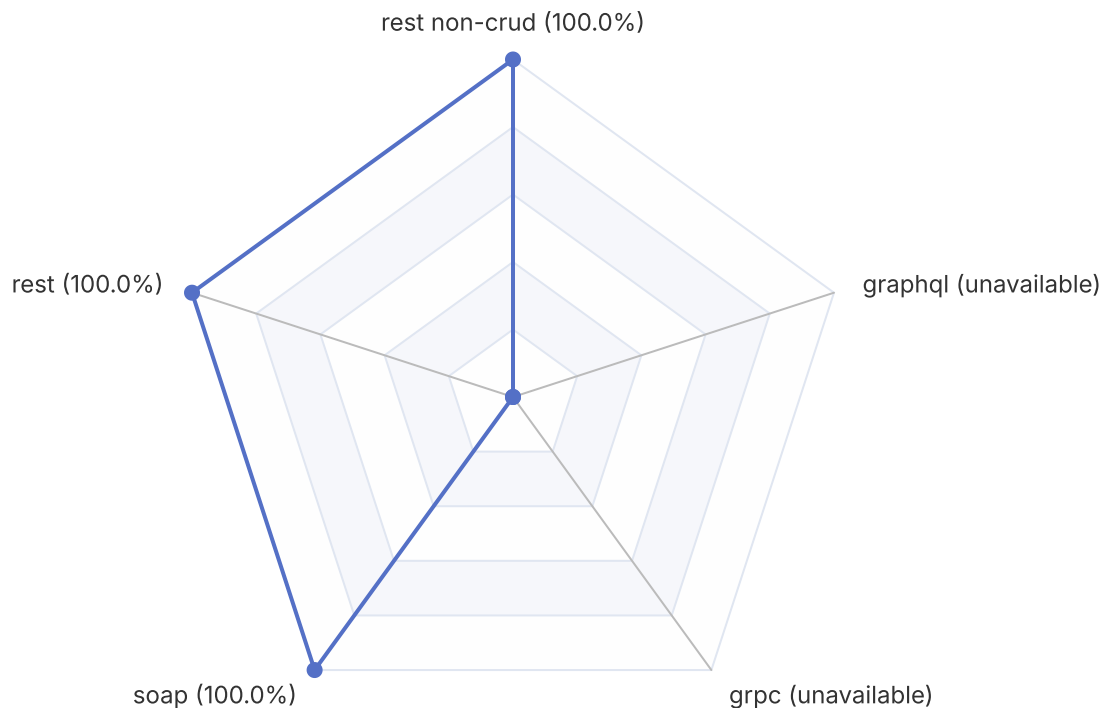
GoTestWAF version : v0.5.6

Test cases fingerprint : c6d14d6138601d19d215bb97806bcda3

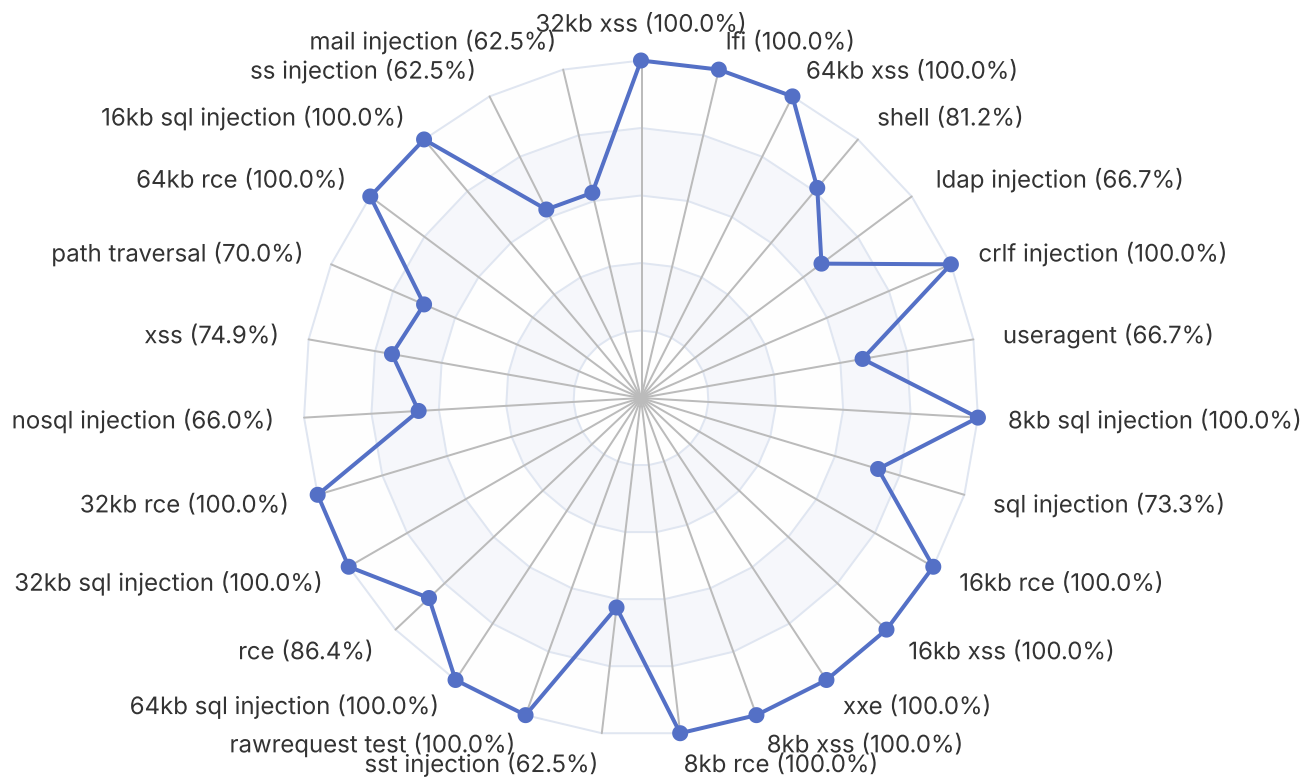
Used arguments : --url=http://host.docker.internal:8080/ --workers=10 --noEmailReport

Type	True-positive tests blocked		True-negative tests passed		Grade	
API Security	A+	100.0%	N/A	0.0%	A+	100.0%
Application Security	C	74.3%	F	0.0%	F	37.1%

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%	F	37.1%	D+	68.6%

Details

Summary

Total requests sent: 816
Number of blocked requests: 640
Number of passed requests: 168
Number of unresolved requests: 8
Number of failed requests: 0

True-positive tests

Test set	Test case	Percentage	Blocked	Bypassed	Unresolved	Sent	Failed
community	community-128kb-rce	0.00%	0	0	1	1	0
community	community-128kb-sqli	0.00%	0	0	1	1	0
community	community-128kb-xss	0.00%	0	0	1	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	0.00%	0	0	2	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	100.00%	12	0	0	12	0
community	community-user-agent	66.67%	6	3	0	9	0
community	community-xss	100.00%	104	0	0	104	0
community	community-xxe	100.00%	1	0	1	2	0
Summary for community		98.25%	150	3	6	159	0
owasp	crlf	100.00%	7	0	0	7	0
owasp	ldap-injection	66.67%	16	8	0	24	0
owasp	mail-injection	62.50%	15	9	0	24	0
owasp	nosql-injection	66.00%	33	17	0	50	0
owasp	path-traversal	70.00%	14	6	0	20	0

owasp	rce	83.33%	5	1	0	6	0
owasp	rce-urlparam	100.00%	9	0	0	9	0
owasp	rce-urlpath	33.33%	1	2	0	3	0
owasp	shell-injection	81.25%	26	6	0	32	0
owasp	sql-injection	66.67%	32	16	0	48	0
owasp	ss-include	62.50%	15	9	0	24	0
owasp	sst-injection	62.50%	15	9	0	24	0
owasp	xml-injection	100.00%	6	0	1	7	0
owasp	xss-scripting	63.23%	141	82	1	224	0
Summary for owasp		72.71%	335	165	2	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		74.81%	499	168	8	675	0

True-negative tests

Test set	Test case	Percentage	Blocked	Bypassed	Unresolved	Sent	Failed
false-pos	texts	0.00%	141	0	0	141	0

True Negative Tests

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

Bypasses in Details

168 malicious requests have bypassed the security solution

Unresolved requests in Details

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