GoTestWAF
API / Application Security Testing Results

Overall grade:

A+

99.3 / 100

Project name : generic
URL : http://127.0.0.1:81
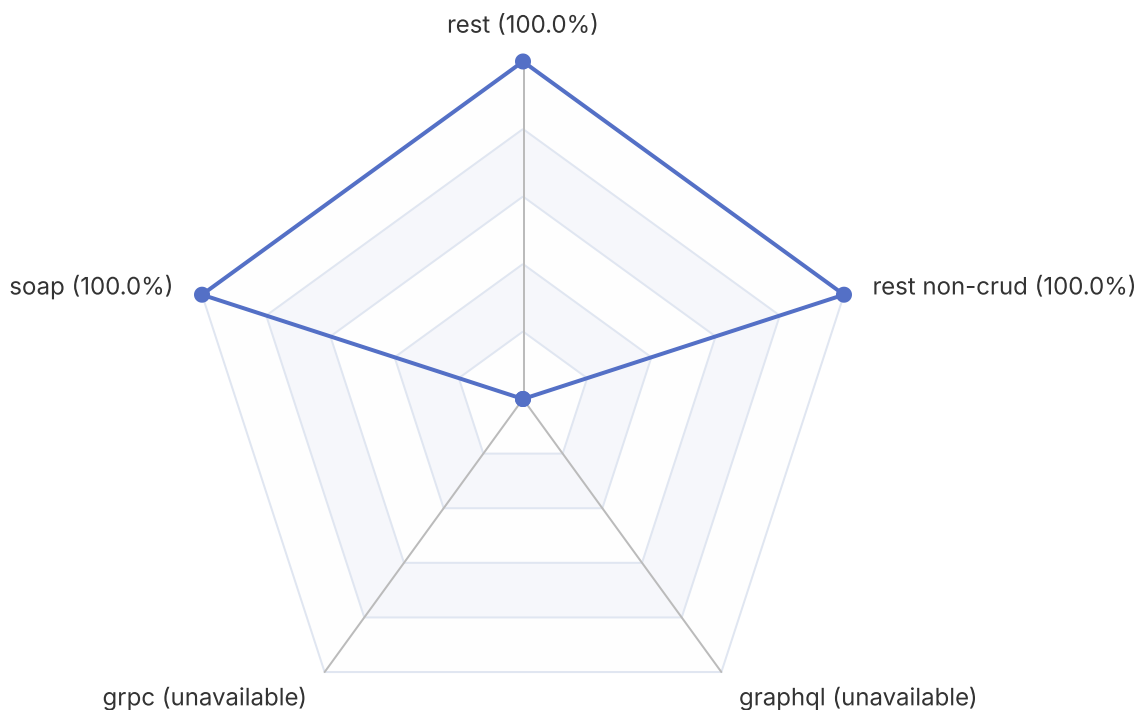**Testing Date** : 09 July 2025
GoTestWAF version : v0.5.6
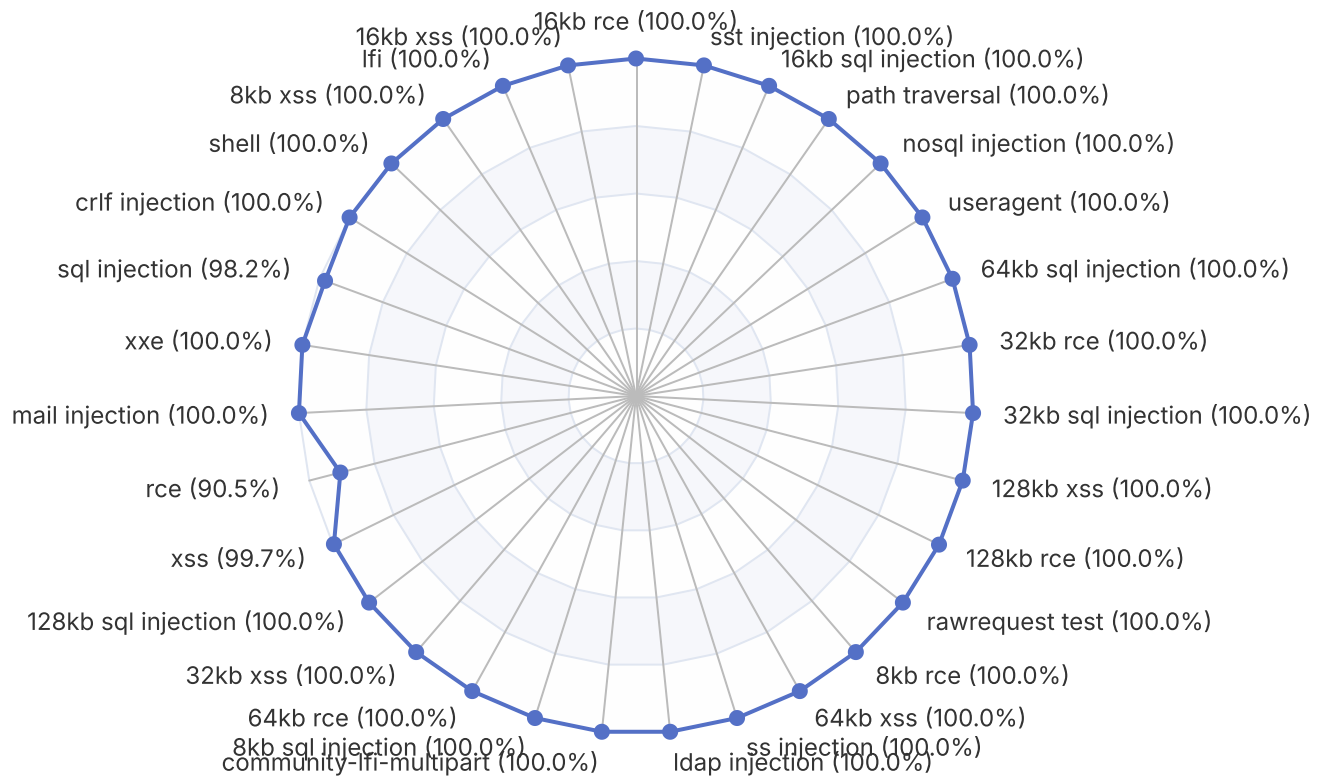**Test cases fingerprint** : 910a7162ec5355b41a27a2ef0caa3574
Used arguments : --url=http://127.0.0.1:81 --noEmailReport

Type	True-positive tests blocked	True-negative tests passed	Grade
API Security	A+ 100.0%	N/A 0.0%	A+ 100.0%
Application Security	A+ 99.4%	A+ 97.9%	A+ 98.6%

API Security

rest (100.0%)
rest non-crud (100.0%)
soap (100.0%)
grpc (unavailable)
graphql (unavailable)

Application Security

16kb rce (100.0%)
16kb xss (100.0%)
sst injection (100.0%)
lfi (100.0%)
16kb sql injection (100.0%)
8kb xss (100.0%)
path traversal (100.0%)
shell (100.0%)
nosql injection (100.0%)
crlf injection (100.0%)
useragent (100.0%)
sql injection (98.2%)
64kb sql injection (100.0%)
xxe (100.0%)
32kb rce (100.0%)
mail injection (100.0%)
32kb sql injection (100.0%)
rce (90.5%)
128kb xss (100.0%)
xss (99.7%)
128kb rce (100.0%)
128kb sql injection (100.0%)
rawrequest test (100.0%)
32kb xss (100.0%)
8kb rce (100.0%)
64kb rce (100.0%)
64kb xss (100.0%)
8kb sql injection (100.0%)
ss injection (100.0%)
community-lfi-multipart (100.0%)
ldap injection (100.0%)

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+	98.6%	A+	99.3%

Details

Summary

Total requests sent: 816
Number of blocked requests: 663
Number of passed requests: 50
Number of unresolved requests: 103
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	88.89%	8	1	3	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		**99.52%**	**155**	**1**	**3**	**159**	**0**
owasp	crlf	100.00%	7	0	0	7	0
owasp	ldap-injection	100.00%	23	0	1	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	80.00%	4	1	1	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	100.00%	5	0	2	7	0
owasp	xss-scripting	99.55%	221	1	2	224	0
Summary for owasp		**96.16%**	**493**	**3**	**6**	**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		**99.40%**	**662**	**4**	**9**	**675**	**0**

True-negative tests

Test set	Test case	Percentage	Blocked	Bypassed	Unresolved	Sent	Failed
false-pos	texts	97.87%	1	46	94	141	0

True Negative Tests

46 true-negative requests identified as bypassed (test passed, good behavior)
1 true-negative requests identified as blocked (test failed, bad behavior)
94 true positive requests identified as unresolved

Bypasses in Details

4 malicious requests have bypassed the security solution

Unresolved requests in Details

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