GoTestWAF
API / Application Security Testing Results

Overall grade:

D

64.3 / 100

Project name : generic
URL : http://10.10.10.201:8000
Testing Date : 07 April 2025
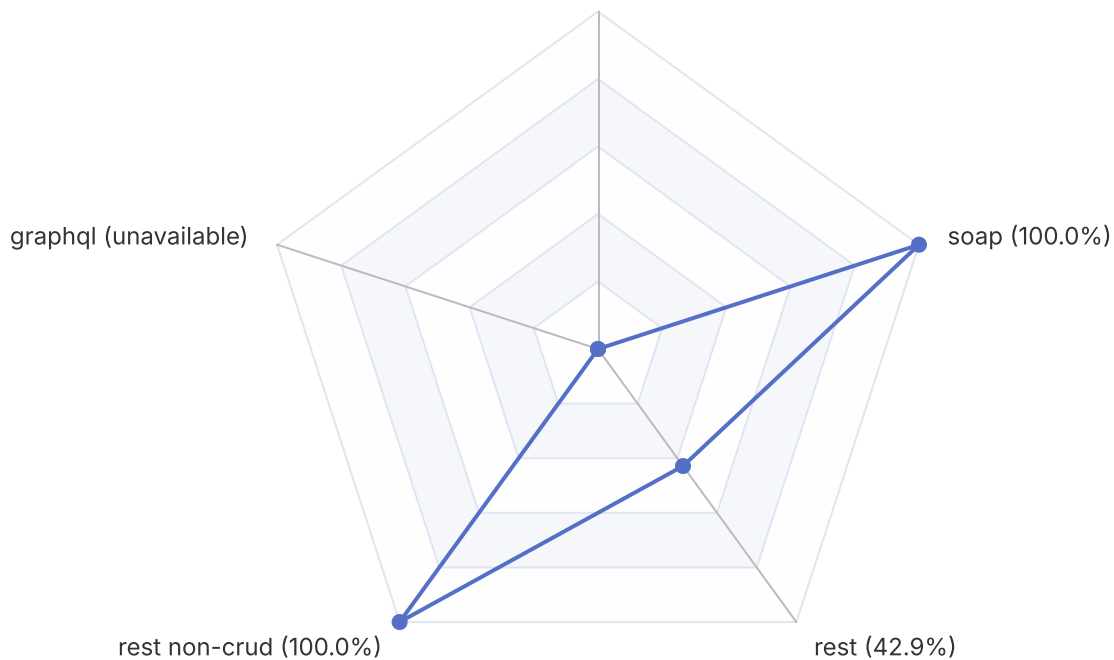**GoTestWAF version** : v0.5.6
Test cases fingerprint : c6d14d6138601d19d215bb97806bcda3
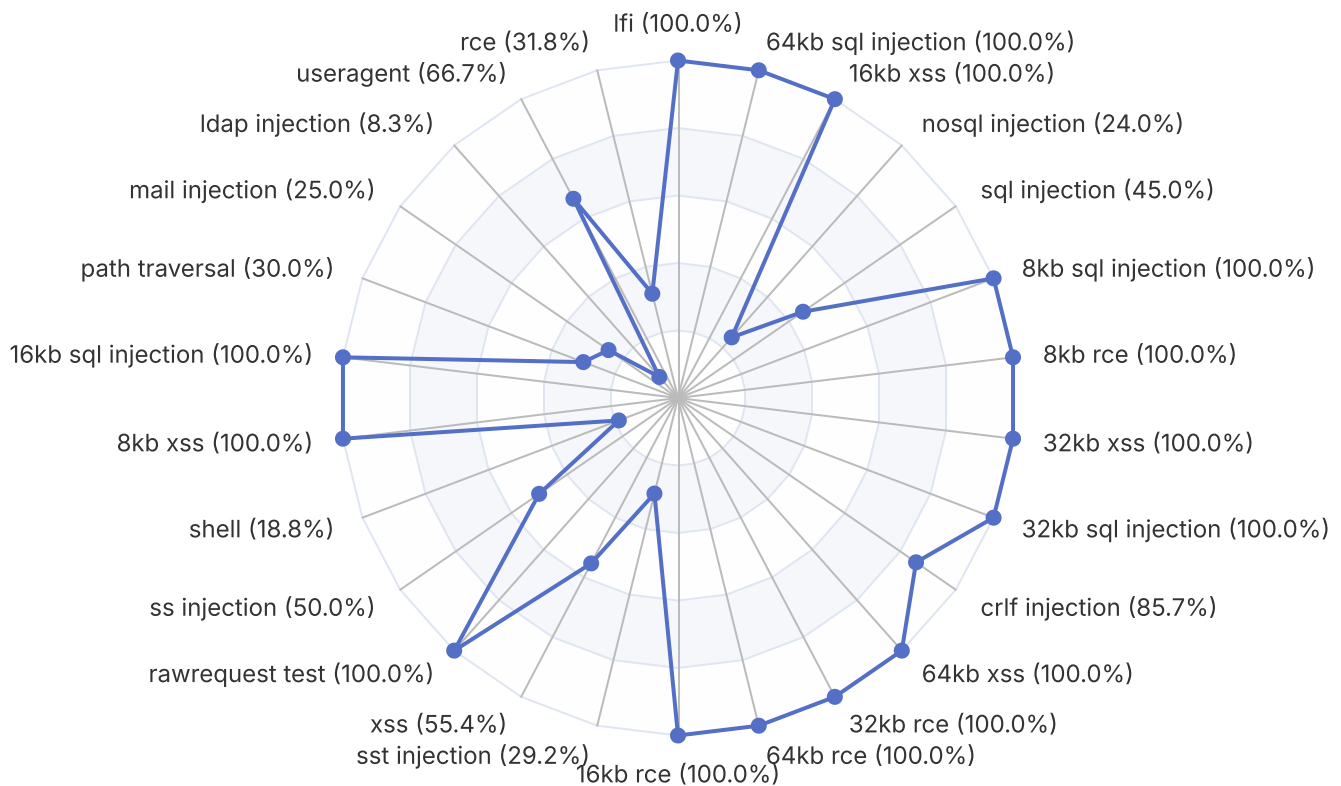**Used arguments** : --url=http://10.10.10.201:8000 --noEmailReport

Type	True-positive tests blocked		True-negative tests passed		Grade	
API Security	D-	60.0%	N/A	0.0%	D-	60.0%
Application Security	F	46.6%	A-	90.8%	D+	68.7%

API Security

grpc (unavailable)

graphql (unavailable)

soap (100.0%)

rest non-crud (100.0%)

rest (42.9%)

Application Security

Radar chart labels (clockwise from top):
- lfi (100.0%)
- 64kb sql injection (100.0%)
- 16kb xss (100.0%)
- nosql injection (24.0%)
- sql injection (45.0%)
- 8kb sql injection (100.0%)
- 8kb rce (100.0%)
- 32kb xss (100.0%)
- 32kb sql injection (100.0%)
- crlf injection (85.7%)
- 64kb xss (100.0%)
- 32kb rce (100.0%)
- 64kb rce (100.0%)
- 16kb rce (100.0%)
- sst injection (29.2%)
- xss (55.4%)
- rawrequest test (100.0%)
- ss injection (50.0%)
- shell (18.8%)
- 8kb xss (100.0%)
- 16kb sql injection (100.0%)
- path traversal (30.0%)
- mail injection (25.0%)
- ldap injection (8.3%)
- useragent (66.7%)
- rce (31.8%)

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	D-	60.0%	D+	68.7%	D	64.3%

Details

Summary

Total requests sent: 816
Number of blocked requests: 320
Number of passed requests: 477
Number of unresolved requests: 19
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	50.00%	2	2	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	88.46%	92	12	0	104	0
community	community-xxe	0.00%	0	0	2	2	0
Summary for community		**94.73%**	**135**	**17**	**7**	**159**	**0**
owasp	crlf	85.71%	6	1	0	7	0
owasp	ldap-injection	8.33%	2	22	0	24	0
owasp	mail-injection	25.00%	6	18	0	24	0
owasp	nosql-injection	24.00%	12	38	0	50	0
owasp	path-traversal	30.00%	6	14	0	20	0

owasp	rce	33.33%	2	4	0	6	0
owasp	rce-urlparam	33.33%	3	6	0	9	0
owasp	rce-urlpath	0.00%	0	3	0	3	0
owasp	shell-injection	18.75%	6	26	0	32	0
owasp	sql-injection	31.25%	15	33	0	48	0
owasp	ss-include	50.00%	12	12	0	24	0
owasp	sst-injection	29.17%	7	17	0	24	0
owasp	xml-injection	0.00%	0	0	7	7	0
owasp	xss-scripting	39.91%	89	134	1	224	0
Summary for owasp		**31.44%**	**166**	**328**	**8**	**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	42.86%	3	4	0	7	0
owasp-api	soap	100.00%	1	0	4	5	0
Summary for owasp-api		**80.95%**	**6**	**4**	**4**	**14**	**0**
Summary for true-positive tests		**46.80%**	**307**	**349**	**19**	**675**	**0**

True-negative tests

Test set	Test case	Percentage	Blocked	Bypassed	Unresolved	Sent	Failed
false-pos	texts	90.78%	13	128	0	141	0

True Negative Tests

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

Bypasses in Details

349 malicious requests have bypassed the security solution

Unresolved requests in Details

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