GoTestWAF
API / Application Security Testing Results

Overall grade:

A+

99.3 / 100

Project name : generic
URL : https://onlineboutique.cfernand.com:8443
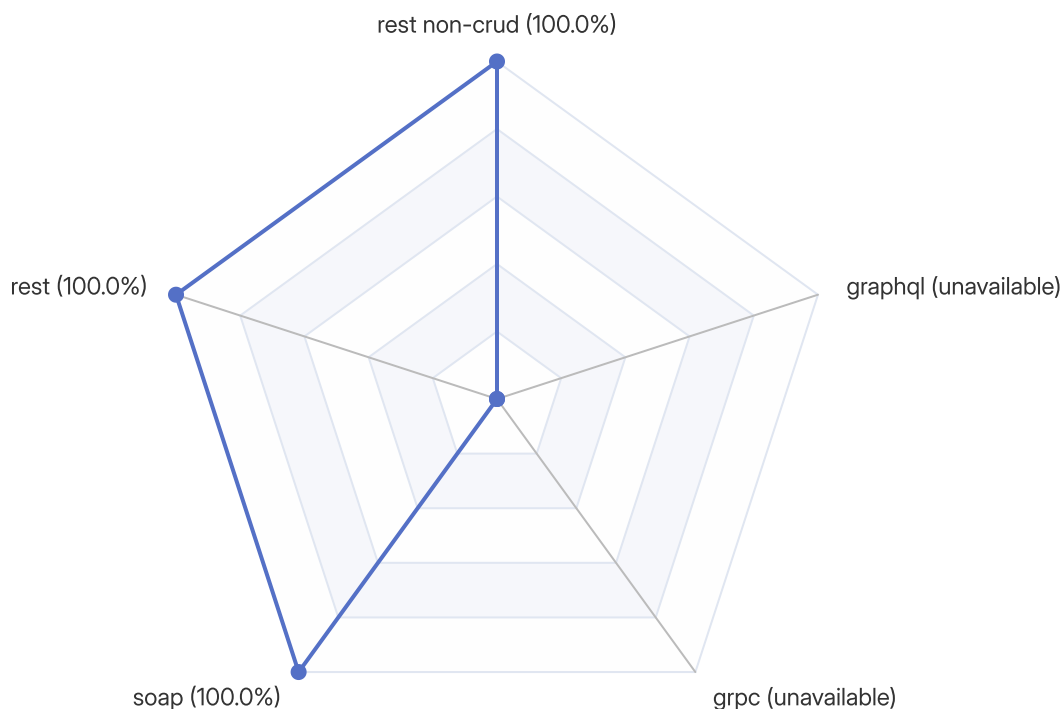**Testing Date** : 17 September 2025
GoTestWAF version : v0.5.8
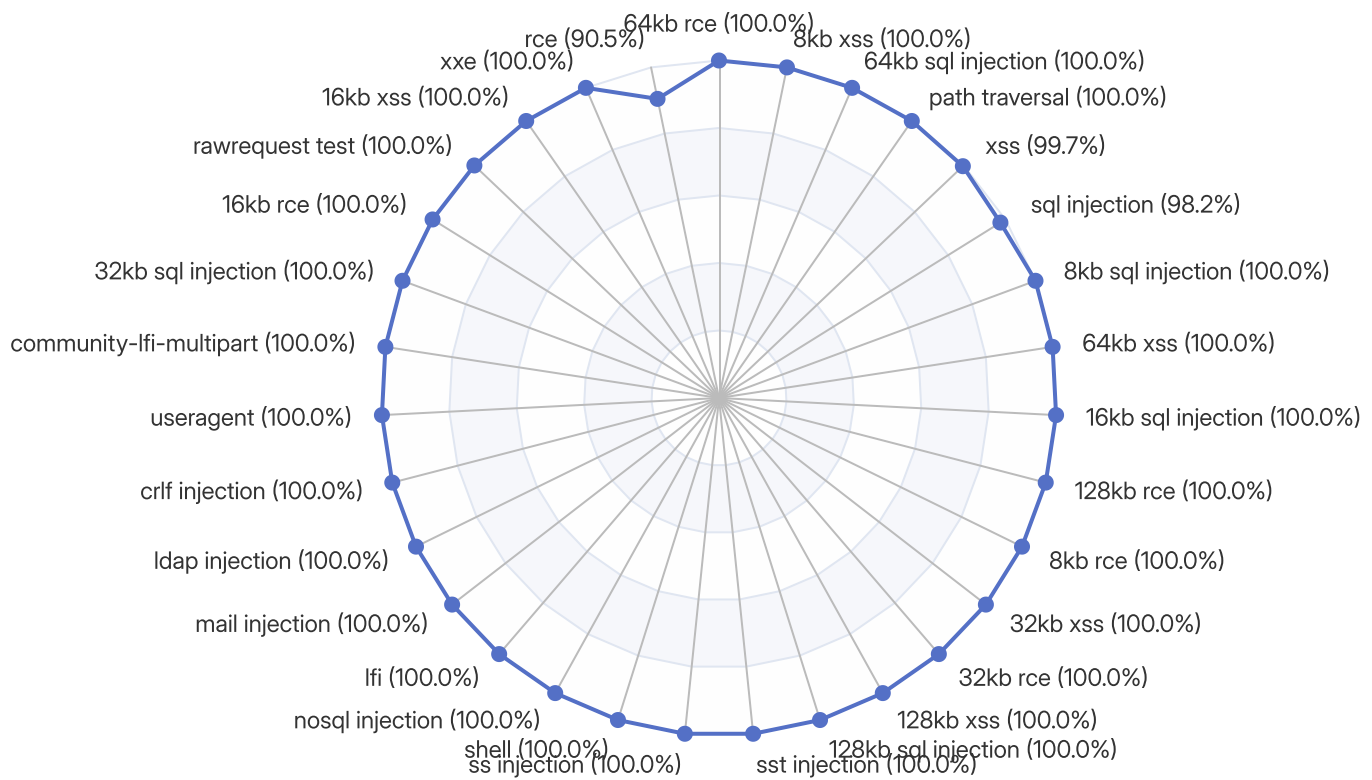**Test cases fingerprint** : c6d14d6138601d19d215bb97806bcda3
Used arguments : --url=https://onlineboutique.cfernand.com:8443 --noEmailReport --blockStatusCodes=403,406 --workers=5

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

Application Security

Benchmarks against other solutions

Type	API Security	Application Security	Overall score
ModSecurity PARANOIA=1	F 42.9%	D+ 68.2%	F 55.5%
ModSecurity PARANOIA=2	F 57.1%	D- 60.1%	F 58.6%
ModSecurity PARANOIA=3	C+ 78.6%	F 51.2%	D 64.9%
ModSecurity PARANOIA=4	A+ 100.0%	F 36.7%	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