

GoTestWAF

API / Application Security Testing Results

Overall grade:

A+
99.3 / 100

Project name : generic

URL : http://host.docker.internal:80

Testing Date : 15 August 2025

GoTestWAF version : v0.5.8

Test cases fingerprint : c6d14d6138601d19d215bb97806bcda3

Used arguments : --url=http://host.docker.internal:80 --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+ 97.8% | A+ 98.6% |

API Security

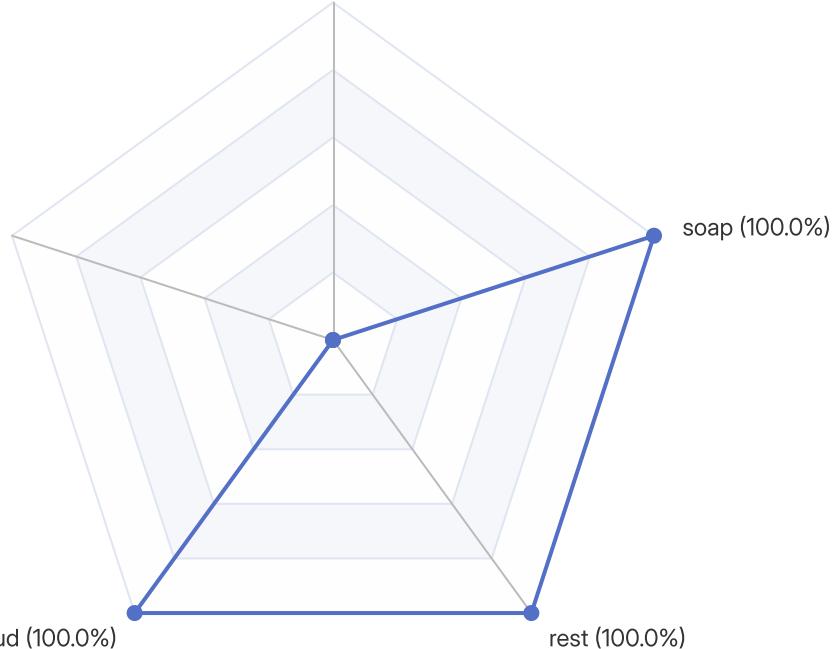
grpc (unavailable)

graphql (unavailable)

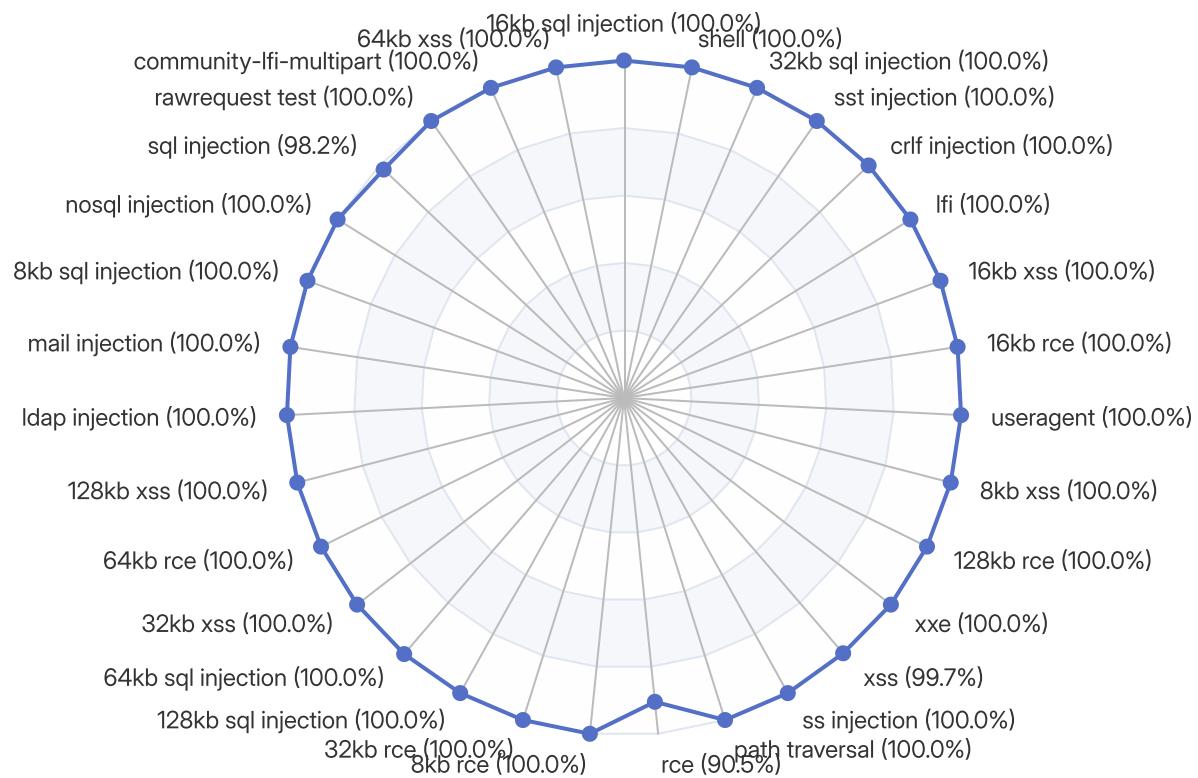
rest non-crud (100.0%)

soap (100.0%)

rest (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: 658
Number of passed requests: 49
Number of unresolved requests: 101
Number of failed requests: 8

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-uriparam | 100.00% | 9 | 0 | 0 | 9 | 0 |
| owasp | rce-uripath | 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 | 99.54% | 216 | 1 | 2 | 224 | 5 |
| Summary for owasp | | 96.16% | 488 | 3 | 6 | 502 | 5 |
| 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 | | 99.39% | 657 | 4 | 9 | 675 | 5 |

True-negative tests

| Test set | Test case | Percentage | Blocked | Bypassed | Unresolved | Sent | Failed |
|-----------|-----------|------------|---------|----------|------------|------|--------|
| false-pos | texts | 97.83% | 1 | 45 | 92 | 141 | 3 |

True Negative Tests

45 true-negative requests identified as bypassed (test passed, good behavior)

1 true-negative requests identified as blocked (test failed, bad behavior)

92 true positive requests identified as unresolved

3 true positive requests are failed

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

Failed requests in Details

5 requests are failed