

GoTestWAF

API / Application Security Testing Results

Overall grade:

D+

68.6 / 100

Project name : generic

URL : http://10.10.10.201:8006

Testing Date : 07 April 2025

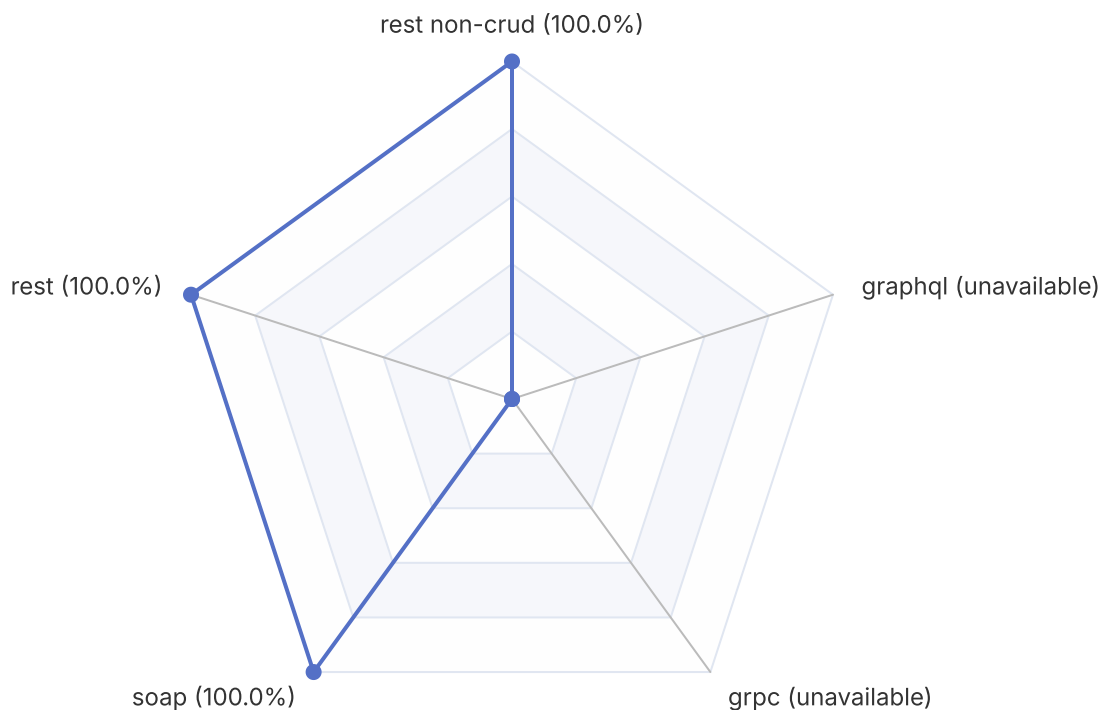
GoTestWAF version : v0.5.6

Test cases fingerprint : c6d14d6138601d19d215bb97806bcd3

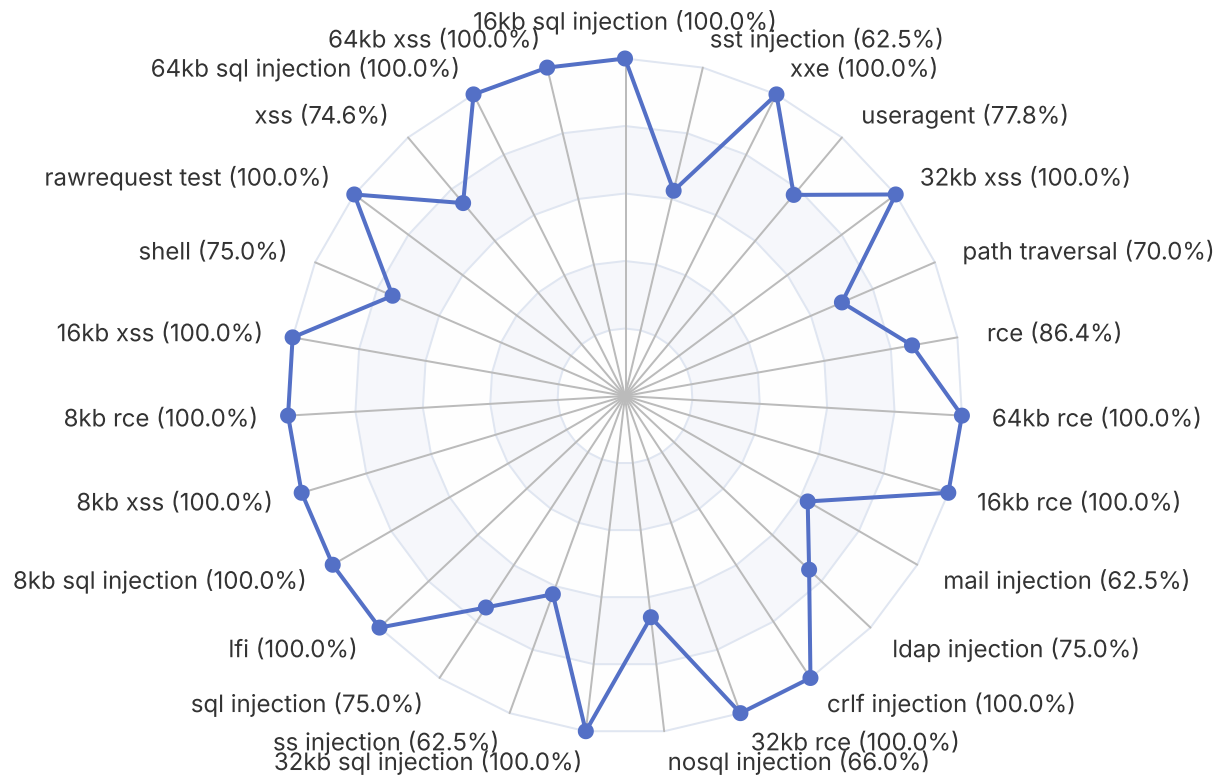
Used arguments : --url=http://10.10.10.201:8006 --noEmailReport

| 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 | 74.5% | F | 0.0% | F | 37.2% |

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 | 37.2% | D+ | 68.6% |

Details

Summary

Total requests sent: 816
Number of blocked requests: 642
Number of passed requests: 167
Number of unresolved requests: 7
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 | 77.78% | 7 | 2 | 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 | | 98.83% | 152 | 2 | 5 | 159 | 0 |
| owasp | crlf | 100.00% | 7 | 0 | 0 | 7 | 0 |
| owasp | ldap-injection | 75.00% | 18 | 6 | 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 | 75.00% | 24 | 8 | 0 | 32 | 0 |
| owasp | sql-injection | 68.75% | 33 | 15 | 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 | 62.78% | 140 | 83 | 1 | 224 | 0 |
| Summary for owasp | | 72.98% | 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 | | 75.00% | 501 | 167 | 7 | 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

167 malicious requests have bypassed the security solution

Unresolved requests in Details

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