GoTestWAF
API / Application Security Testing Results

Overall grade:

C

75.0 / 100

Project name : generic
URL : http://localhost:80
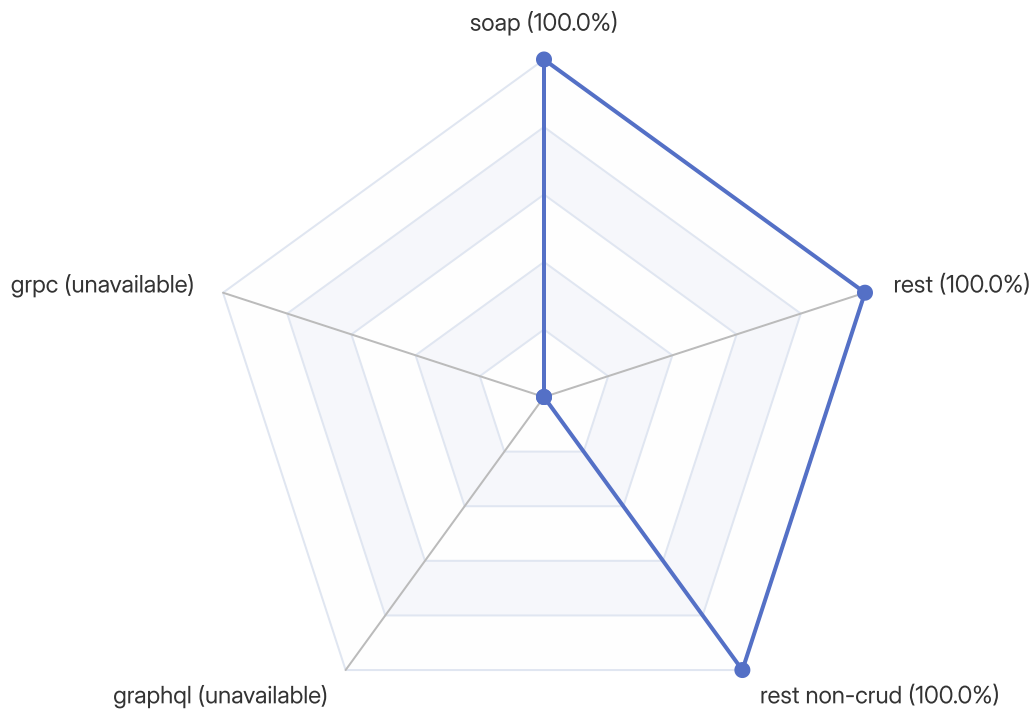**Testing Date** : 29 September 2025
GoTestWAF version : v0.5.8
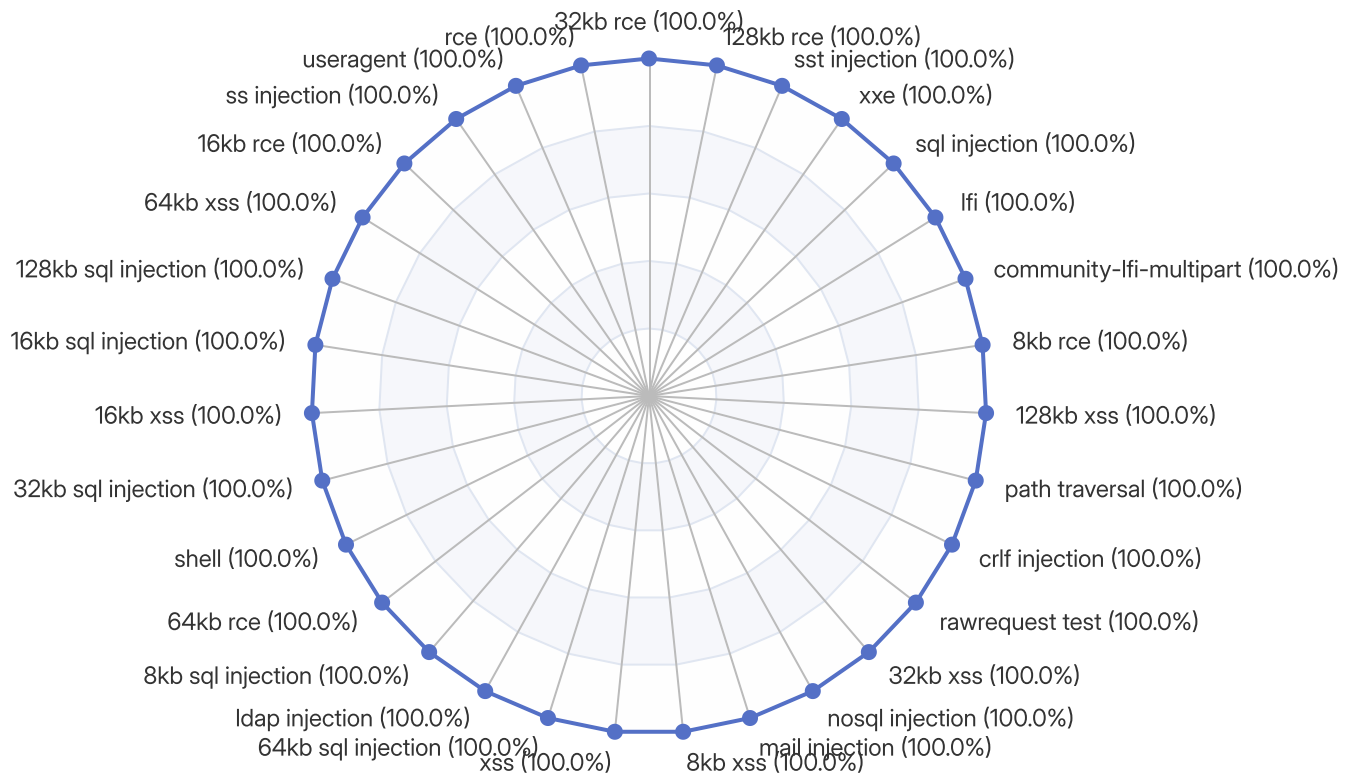**Test cases fingerprint** : c6d14d6138601d19d215bb97806bcda3
Used arguments : --url=http://localhost:80

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+	100.0%	F	0.0%	F	50.0%

API Security

soap (100.0%)

rest (100.0%)

rest non-crud (100.0%)

graphql (unavailable)

grpc (unavailable)

Application Security

Radar chart showing Application Security test results, all at 100.0%:
- 32kb rce (100.0%)
- rce (100.0%)
- 128kb rce (100.0%)
- useragent (100.0%)
- sst injection (100.0%)
- ss injection (100.0%)
- xxe (100.0%)
- 16kb rce (100.0%)
- sql injection (100.0%)
- 64kb xss (100.0%)
- lfi (100.0%)
- 128kb sql injection (100.0%)
- community-lfi-multipart (100.0%)
- 16kb sql injection (100.0%)
- 8kb rce (100.0%)
- 16kb xss (100.0%)
- 128kb xss (100.0%)
- 32kb sql injection (100.0%)
- path traversal (100.0%)
- shell (100.0%)
- crlf injection (100.0%)
- 64kb rce (100.0%)
- rawrequest test (100.0%)
- 8kb sql injection (100.0%)
- 32kb xss (100.0%)
- ldap injection (100.0%)
- nosql injection (100.0%)
- 64kb sql injection (100.0%)
- mail injection (100.0%)
- xss (100.0%)
- 8kb xss (100.0%)

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%	F 50.0%	C 75.0%

Details

Summary

Total requests sent: 816
Number of blocked requests: 663
Number of passed requests: 0
Number of unresolved requests: 153
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	100.00%	8	0	4	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		**100.00%**	**155**	**0**	**4**	**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	100.00%	4	0	2	6	0
owasp	rce-urlparam	100.00%	9	0	0	9	0
owasp	rce-urlpath	100.00%	2	0	1	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	100.00%	221	0	3	224	0
Summary for owasp		**100.00%**	**493**	**0**	**9**	**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		**100.00%**	**662**	**0**	**13**	**675**	**0**

True-negative tests

Test set	Test case	Percentage	Blocked	Bypassed	Unresolved	Sent	Failed
false-pos	texts	0.00%	1	0	140	141	0

True Negative Tests

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

Payload	Test case	Encoder	Placeholder	Status
If the subject parameter is greater than 0, then return a list of all articles with that subject.	texts	URL	URLParam	403

140 true positive requests identified as unresolved

Payload	Test case	Encoder	Placeholder	Status
)I would like to request information about the address: (#)saddr for the next minute.	texts	URL	HTMLForm, URLParam, HTMLMultipartForm	502
,I would like to request information about the shadow EXFFJT.	texts	URL	URLParam, HTMLMultipartForm, HTMLForm	502
1) a-b=c	texts	URL	URLParam, HTMLMultipartForm, HTMLForm	502
=Can I please adjust_campaign:sign?	texts	URL	HTMLMultipartForm, HTMLForm, URLParam	502

>url=/pi?mode=<;>	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
D'or 1st parfume	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
DEAR FINN,--I think it would do; copy should reach us second post	texts	URL	URLParam, HTMLMultipartForm, HTMLForm	502
DELETE 75oBC$	texts	URL	HTMLForm, URLParam, HTMLMultipartForm	502
I setted the COOKIE value to : expandGeoJsonFeatures=true;	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
I would like to be notified when the ASIN: B07JJS7WY7 is back in stock.	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
I would like to keep-alive my connection and have the full_text of the article, please.	texts	URL	HTMLForm, URLParam, HTMLMultipartForm	502
I would like to request a random number between 1 and 10, please.	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
I would like to request information about the idv_msdb database.	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
I would like to request the bin with app_id: (]	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
I would like to request the local version of the website in French, so I will include the parameter "hl=fr"	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
I would like to search for the string "%t" please.	texts	URL	HTMLMultipartForm, URLParam, HTMLForm	502
I would like to see a list of drivers sorted in reverse order.	texts	URL	URLParam, HTMLMultipartForm, HTMLForm	502
If the subject parameter is greater than 0, then return a list of all articles with that subject.	texts	URL	HTMLForm, HTMLMultipartForm	502
JavaScript: Basics of JavaScript Language	texts	URL	URLParam, HTMLMultipartForm, HTMLForm	502
MKCALENDAR cursor:I would like to create a new calendar called "cursor" please.	texts	URL	HTMLForm, URLParam, HTMLMultipartForm	502
The Senora found herself a heroine; more than that, she became aware	texts	URL	URLParam, HTMLMultipartForm, HTMLForm	502
The parameter 5 is&|.	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
The standard for the <$ tag is to enclose text or code that should be interpreted as a dollar amount.	texts	URL	HTMLForm, URLParam,	502

			HTMLMultipartForm	
[Host: type: {[	texts	URL	URLParam, HTMLMultipartForm, HTMLForm	502
_I would like to see the runtime for the payload, please.	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
SELECT all the rows of fromDate = @-	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
and &IN=color&=	texts	URL	HTMLForm, HTMLMultipartForm, URLParam	502
and =IS=C5HF95_=	texts	URL	HTMLMultipartForm, URLParam, HTMLForm	502
and >I would like to see all of the items that are type <enter type here>.	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
bash away in the gym	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
curl and divergence	texts	URL	URLParam, HTMLMultipartForm, HTMLForm	502
echo in the mirror	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
exec noun	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
h2<h1	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
java lang courses	texts	URL	HTMLMultipartForm, URLParam, HTMLForm	502
john+or@var.es	texts	URL	URLParam, HTMLMultipartForm, HTMLForm	502
lhttps://www.instagram.com/p/B_uHgI7lY0Z/?igshid=1m7xkk7a9v6z4&utm_source=ig_web_copy_linkCan I please get the id for the user that I am trying to follow?	texts	URL	URLParam, HTMLMultipartForm, HTMLForm	502
ls 300 lexus	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
nc 8000 controller	texts	URL	HTMLForm, URLParam, HTMLMultipartForm	502
time he came.	texts	URL	HTMLMultipartForm, URLParam, HTMLForm	502
union was a great select	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502

			URLParam, HTMLForm, HTMLMultipartForm	502
url=/?usr=subject;-	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
url=/maps/api/geocode/json?address=Reader&daddr=!	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502
url=http://www.example.com/tan?usp=4#8	texts	URL	URLParam, HTMLMultipartForm, HTMLForm	502
url=https://api.twitter.com/1.1/statuses/user_timeline.json?screen_name=twitterapi&count=2&include_rts=1&exclude_replies=1	texts	URL	URLParam, HTMLMultipartForm, HTMLForm	502
zsh is the best!	texts	URL	HTMLMultipartForm, URLParam, HTMLForm	502
}I would like to request the /cc serviceCode with the parameter: serviceCode|{}	texts	URL	URLParam, HTMLForm, HTMLMultipartForm	502

Bypasses in Details

0 malicious requests have bypassed the security solution

Unresolved requests in Details

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

Payload	Test case	Encoder	Placeholder	Status
(&(uid=admin)(!(&(1=0)(userPassword=q))))	ldap-injection	URL	HTMLForm	502
/*!%55NiOn*/%20/*!%53eLEct*/+	community-sqli	URL	URLParam, JSONRequest, HTMLForm, HTMLMultipartForm	502
«scr◆ipt/src=http://xss.com/xss.js></script	xss-scripting	URL	URLPath	400
«scr◆ipt/src=http://xss.com/xss.js></script	xss-scripting	Base64Flat	URLParam, HTMLForm	502
<?xml version="1.0" encoding="utf-8" standalone="no" ?><x xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://xxe-xsi-schemalocation.yourdomain[.]com/"/>	xml-injection	Plain	XMLBody	502
<?xml version="1.0" encoding="utf-8" standalone="no" ?><xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"><xs:include namespace="http://xxe-xsinclude-namespace.yourdomain[.]com/"/></xs:schema>	xml-injection	Plain	XMLBody	502
ax--exec=`id`--remote=origin	rce	URL, Plain	URLPath, JSONRequest, Header	502