

Pytest-Playwright Test Output Issue

Playwright

pytest

Starting pytests....

```
===== test session starts
===== platform linux -- Python 3.10.12,
pytest-7.4.2, pluggy-1.3.0 rootdir: /home/runner/work/ASTICI/ASTICI plugins:
asyncio-0.21.1, anyio-4.0.0, tornasync-0.6.0.post2, base-url-2.0.0, playwright-0.4.2,
trio-0.8.0 asyncio: mode=strict collected 5 items
```

```
src/testAsyncWebGoatUseCases.py ... [ 60%] src/testWebGoatUseCases.py .. [100%]
```

```
===== 5 passed in 24.51s
```

```
===== Stop pytests....
```

ZAP Full Scan Report

- Site: <http://20.219.154.223:8080> **New Alerts**
 - **Absence of Anti-CSRF Tokens** [10202] total: 1:
 - <http://20.219.154.223:8080/WebGoat/login>
 - **Anti-CSRF Tokens Check** [20012] total: 1:
 - <http://20.219.154.223:8080/WebGoat/login>
 - **Content Security Policy (CSP) Header Not Set** [10038] total: 1:
 - <http://20.219.154.223:8080/WebGoat/login>
 - **Cookie No HttpOnly Flag** [10010] total: 1:
 - <http://20.219.154.223:8080/WebGoat/start.mvc>
 - **Cookie Slack Detector** [90027] total: 2:
 - <http://20.219.154.223:8080/WebGoat/login>
 - <http://20.219.154.223:8080/WebGoat/start.mvc>
 - **Cookie without SameSite Attribute** [10054] total: 1:
 - <http://20.219.154.223:8080/WebGoat/start.mvc>
 - **Permissions Policy Header Not Set** [10063] total: 1:
 - <http://20.219.154.223:8080/WebGoat/login>
 - **Base64 Disclosure** [10094] total: 1:
 - <http://20.219.154.223:8080/WebGoat/start.mvc>
 - **Non-Storable Content** [10049] total: 1:
 - <http://20.219.154.223:8080/WebGoat/start.mvc>
 - **Sec-Fetch-Dest Header is Missing** [90005] total: 4:
 - <http://20.219.154.223:8080/robots.txt>
 - <http://20.219.154.223:8080/sitemap.xml>
 - <http://20.219.154.223:8080/WebGoat/login>
 - <http://20.219.154.223:8080/WebGoat/start.mvc>
 - **Sec-Fetch-Mode Header is Missing** [90005] total: 4:
 - <http://20.219.154.223:8080/robots.txt>
 - <http://20.219.154.223:8080/sitemap.xml>
 - <http://20.219.154.223:8080/WebGoat/login>
 - <http://20.219.154.223:8080/WebGoat/start.mvc>
 - **Sec-Fetch-Site Header is Missing** [90005] total: 4:
 - <http://20.219.154.223:8080/robots.txt>
 - <http://20.219.154.223:8080/sitemap.xml>
 - <http://20.219.154.223:8080/WebGoat/login>
 - <http://20.219.154.223:8080/WebGoat/start.mvc>
 - **Sec-Fetch-User Header is Missing** [90005] total: 4:
 - <http://20.219.154.223:8080/robots.txt>
 - <http://20.219.154.223:8080/sitemap.xml>
 - <http://20.219.154.223:8080/WebGoat/login>
 - <http://20.219.154.223:8080/WebGoat/start.mvc>
 - **Session Management Response Identified** [10112] total: 2:
 - <http://20.219.154.223:8080/WebGoat/start.mvc>
 - <http://20.219.154.223:8080/WebGoat/start.mvc>
 - **Storable and Cacheable Content** [10049] total: 4:
 - <http://20.219.154.223:8080/>
 - <http://20.219.154.223:8080/robots.txt>
 - <http://20.219.154.223:8080/sitemap.xml>
 - <http://20.219.154.223:8080/WebGoat/login>
 - **User Agent Fuzzer** [10104] total: 24:
 - <http://20.219.154.223:8080/WebGoat>
 - <http://20.219.154.223:8080/WebGoat>
 - <http://20.219.154.223:8080/WebGoat>
 - <http://20.219.154.223:8080/WebGoat>
 - <http://20.219.154.223:8080/WebGoat>
 - ..

View the [following link](#) to download the report. RunnerID:6370039923

Metasploit-ParrotOS Test output

parrotOS
metasploit

Interactive Application Security Testing :

Making sure that parrot OS docker image has all the latest updates...

```
Get:1 https://deb.parrot.sh/parrot parrot InRelease [14.6 kB] Get:2 https://deb.parrot.sh/direct/parrot parrot-security InRelease [14.4 kB] Get:3 https://deb.parrot.sh/parrot parrot-backports InRelease [14.6 kB] Get:4 https://deb.parrot.sh/parrot parrot/main amd64 Packages [17.7 MB] Get:5 https://deb.parrot.sh/parrot parrot/contrib amd64 Packages [115 kB] Get:6 https://deb.parrot.sh/parrot parrot/non-free amd64 Packages [215 kB] Get:7 https://deb.parrot.sh/direct/parrot parrot-security/main amd64 Packages [526 kB] Get:8 https://deb.parrot.sh/direct/parrot parrot-security/non-free amd64 Packages [884 B] Get:9 https://deb.parrot.sh/parrot parrot-backports/main amd64 Packages [1147 kB] Get:10 https://deb.parrot.sh/parrot parrot-backports/contrib amd64 Packages [22.6 kB] Get:11 https://deb.parrot.sh/parrot parrot-backports/non-free amd64 Packages [50.9 kB] Fetched 19.9 MB in 2s (11.4 MB/s) Reading package lists... Building dependency tree... Reading state information... 23 packages can be upgraded. Run 'apt list --upgradable' to see them. Reading package lists... Building dependency tree... Reading state information... Calculating upgrade... The following packages will be upgraded: bind9-dnsutils bind9-host bind9-libs dnsutils file libaom0 libgssapi-krb5-2 libjs-sphinxdoc libjson-c5 libk5crypto3 libkrb5-3 libkrb5support0 libmagic-mgc libmagic1 libssl1.1 libwebp6 libwebpdemux2 libwebpmux3 openssh-client openssh-server openssh-sftp-server openssl python3-typing-extensions 23 upgraded, 0 newly installed, 0 to remove and 0 not upgraded. Need to get 9186 kB of archives. After this operation, 63.5 kB disk space will be freed. Do you want to continue? [Y/n] Abort. Reading package lists... Building dependency tree... Reading state information... Calculating upgrade... The following packages will be upgraded: bind9-dnsutils bind9-host bind9-libs dnsutils file libaom0 libgssapi-krb5-2 libjs-sphinxdoc libjson-c5 libk5crypto3 libkrb5-3 libkrb5support0 libmagic-mgc libmagic1 libssl1.1 libwebp6 libwebpdemux2 libwebpmux3 openssh-client openssh-server openssh-sftp-server openssl python3-typing-extensions 23 upgraded, 0 newly installed, 0 to remove and 0 not upgraded. Need to get 9186 kB of archives. After this operation, 63.5 kB disk space will be freed. Do you want to continue? [Y/n] Abort. Hit:1 https://deb.parrot.sh/parrot parrot InRelease Hit:2 https://deb.parrot.sh/direct/parrot parrot-security InRelease Hit:3 https://deb.parrot.sh/parrot parrot-backports InRelease Reading package lists... Building dependency tree... Reading state information... 23 packages can be upgraded. Run 'apt list --upgradable' to see them. Cleaning up any existing old code copies of security tests...
```

find a way to read it from secure place.

This is not a secure way to check out code;

Getting the latest code copy for all security tests...

=====

Metasploit Framework Exploit Demo :

=====

Target Web Goat Instance IP Address : 20.219.154.223

Possible Metasploit exploits or auxiliaries or payloads, that can used for attacking

Confidential

```
=====
[*] Processing ./src/exploitwildflydirtraversal.rc for ERB directives. resource (./src/
exploitwildflydirtraversal.rc)> use auxiliary/scanner/http/wildflytraversal resource (./src/
exploitwildflydirtraversal.rc)> show options
```

Module options (auxiliary/scanner/http/wildfly_traversal):

Name	Current	Setting	Required	Description	----	-----	-----	-----	Proxies	no A
proxy chain of format	type:host:port[,type:host:port][...]	RELATIVEFILEPATH								
standalone\configuration\standalone.xml	yes	Relative path to the file to read RHOSTS								
yes	The target host(s), see https://docs.metasploit.com/docs/using-metasploit/basics/using-metasploit.html	RPORT 8080	yes	The target port (TCP)	SSL	false	no	Negotiate	SSL/	
TLS for outgoing connections	THREADS 1	yes	The number of concurrent threads (max one per host)	TRAVERSAL_DEPTH 1	yes	Traversal depth	VHOST	no	HTTP server	virtual
host										

View the full module info with the info, or info -d command.

```
[*] resource (./src/exploitwildflydirtraversal.rc)> Ruby Code (57 bytes) RHOSTS =>
resource (./src/exploitwildflydirtraversal.rc)> run [-] Msf::OptionValidateError The
following options failed to validate: RHOSTS resource (./src/
exploitwildflydir_traversal.rc)> exit
=====
```

Nmap-ParrotOS Scan output

parrotOS

nmap

Nmap vulnerability scanning

for 20.219.154.223 Making sure that parrot OS docker image has all the latest updates...

Get:1 https://deb.parrot.sh/parrot parrot InRelease [14.6 kB] Get:2 https://deb.parrot.sh/direct/parrot parrot-security InRelease [14.4 kB] Get:3 https://deb.parrot.sh/parrot parrot-backports InRelease [14.6 kB] Get:4 https://deb.parrot.sh/parrot parrot/main amd64 Packages [17.7 MB] Get:5 https://deb.parrot.sh/parrot parrot/contrib amd64 Packages [115 kB] Get:6 https://deb.parrot.sh/parrot parrot/non-free amd64 Packages [215 kB] Get:7 https://deb.parrot.sh/direct/parrot parrot-security/main amd64 Packages [526 kB] Get:8 https://deb.parrot.sh/direct/parrot parrot-security/non-free amd64 Packages [884 B] Get:9 https://deb.parrot.sh/parrot parrot-backports/main amd64 Packages [1147 kB] Get:10 https://deb.parrot.sh/parrot parrot-backports/contrib amd64 Packages [22.6 kB] Get:11 https://deb.parrot.sh/parrot parrot-backports/non-free amd64 Packages [50.9 kB] Fetched 19.9 MB in 2s (10.6 MB/s) Reading package lists... Building dependency tree... Reading state information... 23 packages can be upgraded. Run 'apt list --upgradable' to see them. Reading package lists... Building dependency tree... Reading state information... Calculating upgrade... The following packages will be upgraded: bind9-dnssutils bind9-host bind9-libs dnssutils file libaom0 libgssapi-krb5-2 libjs-sphinxdoc libjson-c5 libk5crypto3 libkrb5-3 libkrb5support0 libmagic-mgc libmagic1 libssl1.1 libwebp6 libwebpdemux2 libwebpmux3 openssh-client openssh-server openssh-sftp-server openssl python3-typing-extensions 23 upgraded, 0 newly installed, 0 to remove and 0 not upgraded. Need to get 9186 kB of archives. After this operation, 63.5 kB disk space will be freed. Do you want to continue? [Y/n] Abort. Reading package lists... Building dependency tree... Reading state information... Calculating upgrade... The following packages will be upgraded: bind9-dnssutils bind9-host bind9-libs dnssutils file libaom0 libgssapi-krb5-2 libjs-sphinxdoc libjson-c5 libk5crypto3 libkrb5-3 libkrb5support0 libmagic-mgc libmagic1 libssl1.1 libwebp6 libwebpdemux2 libwebpmux3 openssh-client openssh-server openssh-sftp-server openssl python3-typing-extensions 23 upgraded, 0 newly installed, 0 to remove and 0 not upgraded. Need to get 9186 kB of archives. After this operation, 63.5 kB disk space will be freed. Do you want to continue? [Y/n] Abort. Hit:1 https://deb.parrot.sh/parrot parrot InRelease Hit:2 https://deb.parrot.sh/direct/parrot parrot-security InRelease Hit:3 https://deb.parrot.sh/parrot parrot-backports InRelease Reading package lists... Building dependency tree... Reading state information... 23 packages can be upgraded. Run 'apt list --upgradable' to see them. Running basic nmap scan...

Starting Nmap 7.92 (<https://nmap.org>) at 2023-10-01 10:58 UTC Nmap scan report for 20.219.154.223 Host is up (0.19s latency). Not shown: 65530 filtered tcp ports (no-response) PORT STATE SERVICE VERSION 22/tcp open ssh OpenSSH 8.9p1 Ubuntu 3ubuntu0.4 (Ubuntu Linux; protocol 2.0) | ssh-hostkey: | 256 b4:24:1c:a6:a6:34:69:8e:91:53:0d:05:e7:3a:7e:2e (ECDSA) |_ 256 c8:e8:31:0b:1d:b2:39:41:d8:3e:76:bf:84:2f:35:d0 (ED25519) 80/tcp closed http 443/tcp closed https 8080/tcp open http-proxy | fingerprint-strings: | FourOhFourRequest: | HTTP/1.1 404 Not Found | Connection: close | Content-Length: 0 | Date: Sun, 01 Oct 2023 11:02:53 GMT | GenericLines, Help, Kerberos, LDAPSearchReq, LPDString, RTSPRequest, SIPOptions, SMBProgNeg, SSLSessionReq, Socks5, TLSSessionReq, TerminalServerCookie, WMSRequest, oracle-tns: | HTTP/1.1 400 Bad Request | Content-Length: 0 | Connection: close | GetRequest: | HTTP/1.1 404 Not Found | Connection: close | Content-Length: 0 | Date: Sun, 01 Oct 2023 11:02:51 GMT | HTTPOptions: | HTTP/1.1 404 Not Found | Connection: close | Content-Length: 0 |_ Date: Sun, 01 Oct 2023 11:02:52 GMT |http-title: Site doesn't have a title. 9090/tcp open zeus-admin? | fingerprint-strings: | GenericLines, RTSPRequest, SqueezeCenterCLI, WMSRequest, ibm-db2-das: | HTTP/1.1 400 Bad Request | Content-Length: 0 | Connection: close | GetRequest: | HTTP/1.1 404 Not Found | Expires: 0 |

Cache-Control: no-cache, no-store, max-age=0, must-revalidate | X-XSS-Protection: 1; mode=block | Pragma: no-cache | X-Frame-Options: DENY | Date: Sun, 01 Oct 2023 11:02:51 GMT | Connection: close | Vary: Origin | Vary: Access-Control-Request-Method | Vary: Access-Control-Request-Headers | X-Content-Type-Options: nosniff | Content-Type: application/json | "timestamp" : "2023-10-01T11:02:51.950+00:00", | "status" : 404, | "error" : "Not Found", | "path" : "/" | HTTPOptions: | HTTP/1.1 404 Not Found | Expires: 0 |

Cache-Control: no-cache, no-store, max-age=0, must-revalidate | X-XSS-Protection: 1; mode=block | Pragma: no-cache | X-Frame-Options: DENY | Date: Sun, 01 Oct 2023 11:03:09 GMT | Allow: GET, HEAD, POST, PUT, DELETE, TRACE, OPTIONS, PATCH | Connection: close | Vary: Origin | Vary: Access-Control-Request-Method | Vary: Access-Control-Request-Headers | X-Content-Type-Options: nosniff | Content-Type: application/json | "timestamp" : "2023-10-01T11:03:09.509+00:00", | "status" : 404, | "error" : "Not Found", | "path" : "/" 2 services unrecognized despite returning data. If you know the service/version, please submit the following fingerprints at <https://nmap.org/cgi-bin/submit.cgi?new-service> : =====NEXT SERVICE FINGERPRINT (SUBMIT INDIVIDUALLY)=====

SF-Port8080-
TCP:V=7.92%I=7%D=10/1%Time=651951DC%P=x8664-pc-linux-gnu%(Ge
SF:tRequest,65,"HTTP/1.1\x20404\x20Not\x20Found\r\nConnection:\x20close\r SF:
\r\nContent-Length:\x200\r\nDate:\x20Sun,\x2001\x20Oct\x202023\x2011:02:5 SF:
1\x20GMT\r\n\r\n")%(HTTPOptions,65,"HTTP/1.1\x20404\x20Not\x20Found\r SF:
\r\nConnection:\x20close\r\nContent-Length:\x200\r\nDate:\x20Sun,\x2001\x SF:
20Oct\x202023\x2011:02:52\x20GMT\r\n\r\n")%(RTSPRequest,42,"HTTP/1.1\x20400\x20Bad\x20Request\r\nContent-Length:\x200\r\nConnection:\x20close\r\n\r\n")%(FourOhFourRequest,65,"HTTP/1.1\x20404\x20Not\x20Found\r\n\r\n")%(GenericLines,42,"HTTP/1.1\x20400\x20Bad\x20Request\r\nContent-Length:\x200\r\nConnection:\x20close\r\n\r\n")%(Help,42,"HTTP/1.1\x20400\x20Bad\x20Request\r\nContent-Length:\x200\r\nConnection:\x20close\r\n\r\n")%(SSLSessionReq,42,"HTTP/1.1\x20400\x20Bad\x20Request\r\nContent-Length:\x200\r\nConnection:\x20close\r\n\r\n")%(TerminalServerCookSF:ie,42,"HTTP/1.1\x20400\x20Bad\x20Request\r\nContent-Length:\x200\r\nConnection:\x20close\r\n\r\n")%(TLSSessionReq,42,"HTTP/1.1\x20400\x20Bad\x20Request\r\nContent-Length:\x200\r\nConnection:\x20close\r\n\r\n")%(Kerberos,42,"HTTP/1.1\x20400\x20Bad\x20Request\r\nContent-Length:\x200\r\nConnection:\x20close\r\n\r\n")%(SMBProgNeg,42,"HTTP/1.1\x20400\x20Bad\x20Request\r\nContent-Length:\x200\r\nConnection:\x20close\r\n\r\n")%(LPDString,42,"HTTP/1.1\x20400\x20Bad\x20Request\r\nContent-Length:\x200\r\nConnection:\x20close\r\n\r\n")%(LDAPSearchReq,42,"HTTP/1.1\x20400\x20Bad\x20Request\r\nContent-Length:\x200\r\nConnection:\x20close\r\n\r\n")%(SIPOptions,42,"HTTP/1.1\x20400\x20Bad\x20Request\r\nContent-Length:\x200\r\nConnection:\x20close\r\n\r\n")%(WMSRequest,42,"HTTP/1.1\x20400\x20Bad\x20Request\r\nContent-Length:\x200\r\nConnection:\x20close\r\n\r\n");

=====NEXT SERVICE FINGERPRINT (SUBMIT INDIVIDUALLY)=====

SF-Port9090-
TCP:V=7.92%I=7%D=10/1%Time=651951DC%P=x8664-pc-linux-gnu%(Ge
SF:tRequest,1EF,"HTTP/1.1\x20404\x20Not\x20Found\r\nExpires:\x200\r\nCache-Control:\x20no-cache,\x20no-store,\x20max-age=0,\x20must-revalidate\r SF:\r\nX-XSS-Protection:\x201;\x20mode=block\r\nPragma:\x20no-cache\r\nX-Frame-Options:\x20DENY\r\nDate:\x20Sun,\x2001\x20Oct\x202023\x2011:02:51\x20GMT\r\nConnection:\x20close\r\nVary:\x20Origin\r\nVary:\x20Access-Control-Request-Method\r\nVary:\x20Access-Control-Request-Headers\r\nX-Content-Type-Options:\x20nosniff\r\nContent-Type:\x20application/json\r\n\r\n")%(WMSRequest,42,"HTTP/1.1\x20404\x20Not\x20Found\r\n\r\n")%(WMSRequest,42,"HTTP/1.1\x20404\x20Not\x20Found\r\n\r\n");

1\x20400\x20Bad\x20Request\r\nContent-Length:\x200\r\nConnection:\x20cl
SF:ose\r\n\r\n")%r(ibm-db2-das,42,"HTTP/1.1\x20400\x20Bad\x20Request\r\nC SF:ontent-
Length:\x200\r\nConnection:\x20close\r\n\r\n")%r(SqueezeCenterC SF:LI,42,"HTTP/
1.1\x20400\x20Bad\x20Request\r\nContent-Length:\x200\r\nCo SF:nnection:
\x20close\r\n\r\n")%r(GenericLines,42,"HTTP/1.1\x20400\x20Bad SF:
\x20Request\r\nContent-Length:\x200\r\nConnection:\x20close\r\n\r\n")%r SF:
(HTTPOptions,22B,"HTTP/1.1\x20404\x20Not\x20Found\r\nExpires:\x200\r\n SF:Cache-
Control:\x20no-cache,\x20no-store,\x20max-age=0,\x20must-revalida SF:tel\r\nX-XSS-
Protection:\x201;\x20mode=block\r\nPragma:\x20no-cache\r\nX SF:-Frame-Options:
\x20DENY\r\nDate:\x20Sun,\x2001\x20Oct\x202023\x2011:03: SF:09\x20GMT\r\nAllow:
\x20GET,\x20HEAD,\x20POST,\x20PUT,\x20DELETE,\x20TRA SF:CE,\x20OPTIONS,
\x20PATCH\r\nConnection:\x20close\r\nVary:\x20Origin\r\n SF:Vary:\x20Access-Control-
Request-Method\r\nVary:\x20Access-Control-Reque SF:st-Headers\r\nX-Content-Type-
Options:\x20nosniff\r\nContent-Type:\x20ap SF:plication/
json\r\n\r\n{\r\n\r\n\x20\x20"timestamp"\x20:\x20\x20"2023-10-01T11: SF:03:09.509+00:00",
\r\n\r\n\x20\x20"status"\x20:\x20\x20404,\r\n\r\n\x20\x20"error" SF:"\x20:\x20\x20"Not\x20Found",
\r\n\r\n\x20\x20"path"\x20:\x20\x20"/"\r\n\r\n}\r\n\r\n")%r(RTSP SF:Request,42,"HTTP/
1.1\x20400\x20Bad\x20Request\r\nContent-Length:\x200\ SF:r\r\nConnection:
\x20close\r\n\r\n\r\n"); Device type: general purpose|storage-misc|firewall Running (JUST
GUESSING): Linux 2.6.X|3.X|4.X (86%), Synology DiskStation Manager 5.X (86%),
FreeBSD 6.X (85%), WatchGuard Firewall 11.X (85%) OS CPE: cpe:/o:linux:linuxkernel:
2.6.32 cpe:/o:linux:linuxkernel:3.4 cpe:/o:linux:linuxkernel:4.2 cpe:/o:linux:linuxkernel
cpe:/a:synology:diskstationmanager:5.1 cpe:/o:freebsd:freebsd:6.2 cpe:/
o:watchguard:fireware:11.8 Aggressive OS guesses: Linux 2.6.32 (86%), Linux 3.4 (86%),
Linux 3.5 (86%), Linux 4.2 (86%), Synology DiskStation Manager 5.1 (86%), Linux 2.6.39
(85%), Linux 3.10 - 3.16 (85%), Linux 4.0 (85%), Linux 3.10 (85%), FreeBSD 6.2-RELEASE
(85%) No exact OS matches for host (test conditions non-ideal). Network Distance: 2
hops Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel

TRACEROUTE (using port 443/tcp) HOP RTT ADDRESS 1 0.02 ms 172.17.0.1 2 5408.57
ms 20.219.154.223

OS and Service detection performed. Please report any incorrect results at <https://nmap.org/submit/> . Nmap done: 1 IP address (1 host up) scanned in 401.23 seconds
Running vulnerability scanning using basic nmap scripts - SQL Injection...

Starting Nmap 7.92 (<https://nmap.org>) at 2023-10-01 11:05 UTC Nmap scan report for
20.219.154.223 Host is up (0.19s latency).

PORT STATE SERVICE 8080/tcp open http-proxy

Nmap done: 1 IP address (1 host up) scanned in 0.74 seconds Running vulnerability
scanning using CSS nmap script...

Starting Nmap 7.92 (<https://nmap.org>) at 2023-10-01 11:05 UTC Nmap scan report for
20.219.154.223 Host is up (0.19s latency).

PORT STATE SERVICE 8080/tcp open http-proxy

Nmap done: 1 IP address (1 host up) scanned in 1.20 seconds

ZAP Full Scan Report

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 - **Content Security Policy (CSP) Header Not Set** [10038] total: 1:
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 - **Permissions Policy Header Not Set** [10063] total: 1:
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 - <http://20.219.154.223:8080/sitemap.xml>
 - <http://20.219.154.223:8080/WebGoat/login>
 - **Sec-Fetch-Site Header is Missing** [90005] total: 4:
 - <http://20.219.154.223:8080/>
 - <http://20.219.154.223:8080/robots.txt>
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 - <http://20.219.154.223:8080/sitemap.xml>
 - <http://20.219.154.223:8080/WebGoat/login>
 - **User Agent Fuzzer** [10104] total: 12:
 - <http://20.219.154.223:8080/WebGoat>
 - <http://20.219.154.223:8080/WebGoat>
 - <http://20.219.154.223:8080/WebGoat>
 - <http://20.219.154.223:8080/WebGoat>
 - <http://20.219.154.223:8080/WebGoat>
 - ..

View the [following link](#) to download the report. RunnerID:6370039923

ZAP Full Scan Report

- Site: <http://20.219.154.223:8080> **New Alerts**
 - **Absence of Anti-CSRF Tokens** [10202] total: 1:
 - <http://20.219.154.223:8080/WebGoat/registration>
 - **Anti-CSRF Tokens Check** [20012] total: 1:
 - <http://20.219.154.223:8080/WebGoat/registration>
 - **Content Security Policy (CSP) Header Not Set** [10038] total: 1:
 - <http://20.219.154.223:8080/WebGoat/registration>
 - **Permissions Policy Header Not Set** [10063] total: 1:
 - <http://20.219.154.223:8080/WebGoat/registration>
 - **Sec-Fetch-Dest Header is Missing** [90005] total: 3:
 - <http://20.219.154.223:8080/>
 - <http://20.219.154.223:8080/sitemap.xml>
 - <http://20.219.154.223:8080/WebGoat/registration>
 - **Sec-Fetch-Mode Header is Missing** [90005] total: 3:
 - <http://20.219.154.223:8080/>
 - <http://20.219.154.223:8080/sitemap.xml>
 - <http://20.219.154.223:8080/WebGoat/registration>
 - **Sec-Fetch-Site Header is Missing** [90005] total: 3:
 - <http://20.219.154.223:8080/>
 - <http://20.219.154.223:8080/sitemap.xml>
 - <http://20.219.154.223:8080/WebGoat/registration>
 - **Sec-Fetch-User Header is Missing** [90005] total: 3:
 - <http://20.219.154.223:8080/>
 - <http://20.219.154.223:8080/sitemap.xml>
 - <http://20.219.154.223:8080/WebGoat/registration>
 - **Storable and Cacheable Content** [10049] total: 4:
 - <http://20.219.154.223:8080/>
 - <http://20.219.154.223:8080/robots.txt>
 - <http://20.219.154.223:8080/sitemap.xml>
 - <http://20.219.154.223:8080/WebGoat/registration>
 - **User Agent Fuzzer** [10104] total: 12:
 - <http://20.219.154.223:8080/WebGoat>
 - <http://20.219.154.223:8080/WebGoat>
 - <http://20.219.154.223:8080/WebGoat>
 - <http://20.219.154.223:8080/WebGoat>
 - <http://20.219.154.223:8080/WebGoat>
 - ..

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Sonar Cloud Code Scan Report

SonarQube Cloud code scan

SonarCloud Scan for OWASP WebGoat

Go to https://sonarcloud.io/project/overview?id=pradyumna-muppirala_WebGoatSAST for full report of SonarCloud with Github SSO.

Snyk Report

Snyk_scan

Snyk Scan for OWASP WebGoat

Go to <https://app.snyk.io/org/pradyumna-muppirala> for full report of Snyk with Github SSO.