

Pytest-Playwright Test Output Issue

Playwright

pytest

```
Starting pytest.... ===== 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 23.53s
```

```
===== Stop pytest....
```

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 3s (7495 kB/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 : 20.204.127.197

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

```
[*] 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
chain	no	A				
format	type:host:port[,type:host:port][...]			RELATIVEFILEPATH		
standalone	yes			Relative path to the file to read RHOSTS		
target	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

ZAP Full Scan Report

- Site: <http://20.204.127.197:8080> **New Alerts**
 - **Absence of Anti-CSRF Tokens** [10202] total: 1:
 - <http://20.204.127.197:8080/WebGoat/login>
 - **Anti-CSRF Tokens Check** [20012] total: 1:
 - <http://20.204.127.197:8080/WebGoat/login>
 - **Content Security Policy (CSP) Header Not Set** [10038] total: 1:
 - <http://20.204.127.197:8080/WebGoat/login>
 - **Cookie No HttpOnly Flag** [10010] total: 1:
 - <http://20.204.127.197:8080/WebGoat/start.mvc>
 - **Cookie Slack Detector** [90027] total: 2:
 - <http://20.204.127.197:8080/WebGoat/login>
 - <http://20.204.127.197:8080/WebGoat/start.mvc>
 - **Cookie without SameSite Attribute** [10054] total: 1:
 - <http://20.204.127.197:8080/WebGoat/start.mvc>
 - **Permissions Policy Header Not Set** [10063] total: 1:
 - <http://20.204.127.197:8080/WebGoat/login>
 - **Base64 Disclosure** [10094] total: 1:
 - <http://20.204.127.197:8080/WebGoat/start.mvc>
 - **Non-Storable Content** [10049] total: 1:
 - <http://20.204.127.197:8080/WebGoat/start.mvc>
 - **Sec-Fetch-Dest Header is Missing** [90005] total: 4:
 - <http://20.204.127.197:8080/>
 - <http://20.204.127.197:8080/robots.txt>
 - <http://20.204.127.197:8080/WebGoat/login>
 - <http://20.204.127.197:8080/WebGoat/start.mvc>
 - **Sec-Fetch-Mode Header is Missing** [90005] total: 4:
 - <http://20.204.127.197:8080/>
 - <http://20.204.127.197:8080/robots.txt>
 - <http://20.204.127.197:8080/WebGoat/login>
 - <http://20.204.127.197:8080/WebGoat/start.mvc>
 - **Sec-Fetch-Site Header is Missing** [90005] total: 4:
 - <http://20.204.127.197:8080/>
 - <http://20.204.127.197:8080/robots.txt>
 - <http://20.204.127.197:8080/WebGoat/login>
 - <http://20.204.127.197:8080/WebGoat/start.mvc>
 - **Sec-Fetch-User Header is Missing** [90005] total: 4:
 - <http://20.204.127.197:8080/>
 - <http://20.204.127.197:8080/robots.txt>
 - <http://20.204.127.197:8080/WebGoat/login>
 - <http://20.204.127.197:8080/WebGoat/start.mvc>
 - **Session Management Response Identified** [10112] total: 2:
 - <http://20.204.127.197:8080/WebGoat/start.mvc>
 - <http://20.204.127.197:8080/WebGoat/start.mvc>
 - **Storable and Cacheable Content** [10049] total: 4:
 - <http://20.204.127.197:8080/>
 - <http://20.204.127.197:8080/robots.txt>
 - <http://20.204.127.197:8080/sitemap.xml>
 - <http://20.204.127.197:8080/WebGoat/login>
 - **User Agent Fuzzer** [10104] total: 24:
 - <http://20.204.127.197:8080/WebGoat>
 - <http://20.204.127.197:8080/WebGoat>
 - <http://20.204.127.197:8080/WebGoat>
 - <http://20.204.127.197:8080/WebGoat>
 - <http://20.204.127.197:8080/WebGoat>
 - ..

View the [following link](#) to download the report. RunnerID:6369677798

ZAP Full Scan Report

- Site: <http://20.204.127.197:8080> **New Alerts**
 - **Absence of Anti-CSRF Tokens** [10202] total: 1:
 - <http://20.204.127.197:8080/WebGoat/login>
 - **Anti-CSRF Tokens Check** [20012] total: 1:
 - <http://20.204.127.197:8080/WebGoat/login>
 - **Content Security Policy (CSP) Header Not Set** [10038] total: 1:
 - <http://20.204.127.197:8080/WebGoat/login>
 - **Permissions Policy Header Not Set** [10063] total: 1:
 - <http://20.204.127.197:8080/WebGoat/login>
 - **Sec-Fetch-Dest Header is Missing** [90005] total: 3:
 - <http://20.204.127.197:8080/>
 - <http://20.204.127.197:8080/robots.txt>
 - <http://20.204.127.197:8080/WebGoat/login>
 - **Sec-Fetch-Mode Header is Missing** [90005] total: 3:
 - <http://20.204.127.197:8080/>
 - <http://20.204.127.197:8080/robots.txt>
 - <http://20.204.127.197:8080/WebGoat/login>
 - **Sec-Fetch-Site Header is Missing** [90005] total: 3:
 - <http://20.204.127.197:8080/>
 - <http://20.204.127.197:8080/robots.txt>
 - <http://20.204.127.197:8080/WebGoat/login>
 - **Sec-Fetch-User Header is Missing** [90005] total: 3:
 - <http://20.204.127.197:8080/>
 - <http://20.204.127.197:8080/robots.txt>
 - <http://20.204.127.197:8080/WebGoat/login>
 - **Storable and Cacheable Content** [10049] total: 4:
 - <http://20.204.127.197:8080/>
 - <http://20.204.127.197:8080/robots.txt>
 - <http://20.204.127.197:8080/sitemap.xml>
 - <http://20.204.127.197:8080/WebGoat/login>
 - **User Agent Fuzzer** [10104] total: 12:
 - <http://20.204.127.197:8080/WebGoat>
 - <http://20.204.127.197:8080/WebGoat>
 - <http://20.204.127.197:8080/WebGoat>
 - <http://20.204.127.197:8080/WebGoat>
 - <http://20.204.127.197:8080/WebGoat>
 - ..

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ZAP Full Scan Report

- Site: <http://20.204.127.197:8080> **New Alerts**
 - **Absence of Anti-CSRF Tokens** [10202] total: 1:
 - <http://20.204.127.197:8080/WebGoat/registration>
 - **Anti-CSRF Tokens Check** [20012] total: 1:
 - <http://20.204.127.197:8080/WebGoat/registration>
 - **Content Security Policy (CSP) Header Not Set** [10038] total: 1:
 - <http://20.204.127.197:8080/WebGoat/registration>
 - **Permissions Policy Header Not Set** [10063] total: 1:
 - <http://20.204.127.197:8080/WebGoat/registration>
 - **Sec-Fetch-Dest Header is Missing** [90005] total: 4:
 - <http://20.204.127.197:8080/>
 - <http://20.204.127.197:8080/robots.txt>
 - <http://20.204.127.197:8080/sitemap.xml>
 - <http://20.204.127.197:8080/WebGoat/registration>
 - **Sec-Fetch-Mode Header is Missing** [90005] total: 4:
 - <http://20.204.127.197:8080/>
 - <http://20.204.127.197:8080/robots.txt>
 - <http://20.204.127.197:8080/sitemap.xml>
 - <http://20.204.127.197:8080/WebGoat/registration>
 - **Sec-Fetch-Site Header is Missing** [90005] total: 4:
 - <http://20.204.127.197:8080/>
 - <http://20.204.127.197:8080/robots.txt>
 - <http://20.204.127.197:8080/sitemap.xml>
 - <http://20.204.127.197:8080/WebGoat/registration>
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 - <http://20.204.127.197:8080/sitemap.xml>
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 - <http://20.204.127.197:8080/>
 - <http://20.204.127.197:8080/robots.txt>
 - <http://20.204.127.197:8080/sitemap.xml>
 - <http://20.204.127.197:8080/WebGoat/registration>
 - **User Agent Fuzzer** [10104] total: 12:
 - <http://20.204.127.197:8080/WebGoat>
 - <http://20.204.127.197:8080/WebGoat>
 - <http://20.204.127.197:8080/WebGoat>
 - <http://20.204.127.197:8080/WebGoat>
 - <http://20.204.127.197:8080/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.