

# BURPSUITE FOR PENTESTER LOGGER++



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## Burp Logger++: A Powerful Extension

In this article, we'll learn about a powerful Burp Extension cool tool called "Burp Logger++". It is like a super detective for websites, always on the lookout for any hidden problems. It is an extra feature that you can add to Burp, which lots of web experts use to find issues on websites.

Suppose you are a web explorer, and you want to know everything about a website. Burp Logger++ is like your trusty notebook. It is super helpful because it has a magical filter. You can tell it what kind of information you are looking for, and it will only show you those things.

With Burp Logger++, you can also color-code things. Think of it like using different colors to highlight the most important parts of a picture. This helps you spot the important stuff quickly.

- Setting Up & Navigating
- Query-Based Filter
- Filter Library
- Regex-Based Filter
- Export Data Feature

## Setting Up & Navigating

You can download and install the extension from the BApp Store. Go to Extensions > Bapp Store. Here, search for Logger++ or simply scroll down.

Click on it, on the right side scroll down and install it.

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Settings

Logger Organizer **Extensions** Learn

Installed **BApp Store** APIs BChecks Extensions settings

🔄 Total estimated system impact: **None**

### BApp Store

The BApp Store contains Burp extensions that have been written by users of Burp Suite, to extend Burp's capabilities.

Search

| Name                       | Installed | Rating | Popularity | Last updated       | System imp... | Detail        |
|----------------------------|-----------|--------|------------|--------------------|---------------|---------------|
| Levo.ai Burp Integration   |           | ☆☆☆☆   |            | 10 Aug 2023        | Low           |               |
| LightBulb WAF Auditing...  |           | ☆☆☆☆   |            | 21 Feb 2022        | Low           |               |
| Log Requests to SQLite     |           | ☆☆☆☆   |            | 22 Sep 2021        | Low           |               |
| Log Viewer                 |           | ☆☆☆☆   |            | 28 Jan 2022        | Low           |               |
| Log4Shell Everywhere       |           | ☆☆☆☆   |            | 16 Dec 2021        | Low           | Pro extension |
| Log4Shell Scanner          |           | ☆☆☆☆   |            | 05 Oct 2023        | Low           | Pro extension |
| <b>Logger++</b>            |           | ☆☆☆☆   |            | <b>06 Jul 2023</b> | <b>High</b>   |               |
| Look Over There            |           | ☆☆☆☆   |            | 01 Mar 2023        | Low           |               |
| Magic Byte Selector        |           | ☆☆☆☆   |            | 22 Sep 2023        | Low           |               |
| Manual Scan Issues         |           | ☆☆☆☆   |            | 23 May 2017        | Low           | Pro extension |
| Match/Replace Session...   |           | ☆☆☆☆   |            | 24 Aug 2017        | Low           |               |
| MessagePack                |           | ☆☆☆☆   |            | 20 Apr 2017        | Low           |               |
| Meth0dMan                  |           | ☆☆☆☆   |            | 24 Jan 2017        | Low           |               |
| MindMap Exporter           |           | ☆☆☆☆   |            | 25 Jan 2017        | Low           |               |
| Multi Session Replay       |           | ☆☆☆☆   |            | 03 Oct 2017        | Low           |               |
| Multi-Browser Highlight... |           | ☆☆☆☆   |            | 14 Dec 2018        | Low           |               |
| Nessus Loader              |           | ☆☆☆☆   |            | 02 Apr 2019        | Low           |               |
| NGINX Alias Traversal      |           | ☆☆☆☆   |            | 03 Dec 2021        | Low           |               |
| NMAP Banner                |           | ☆☆☆☆   |            | 09 Jan 2017        | Low           |               |

Refresh list Manual install ...

#### Estimated system impact

Overall: **High**

Memory: High CPU: N

Author: Corey

Version: 3.20.0

Source: <https://github.com/levoai/burp-logger-plus>

Updated: 06 Jul

Rating: ☆☆☆

Popularity:

**Install**

After successfully installation, it will appear on the tool bar.

Dashboard Target Proxy Intruder **Repeater** Collaborator Sequencer Decoder Comparer

Logger Organizer Extensions Learn **Logger++**

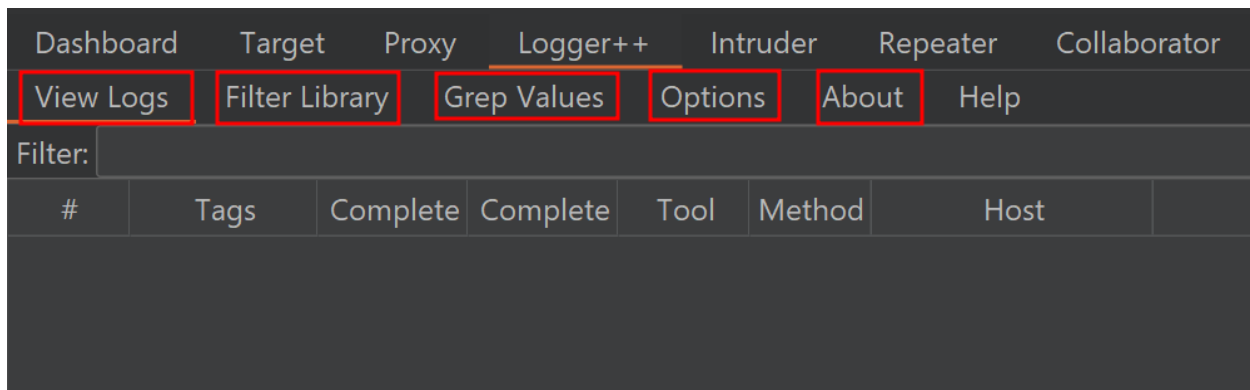
View Logs Filter Library Grep Values Options About Help

Filter:  Tags Colorize

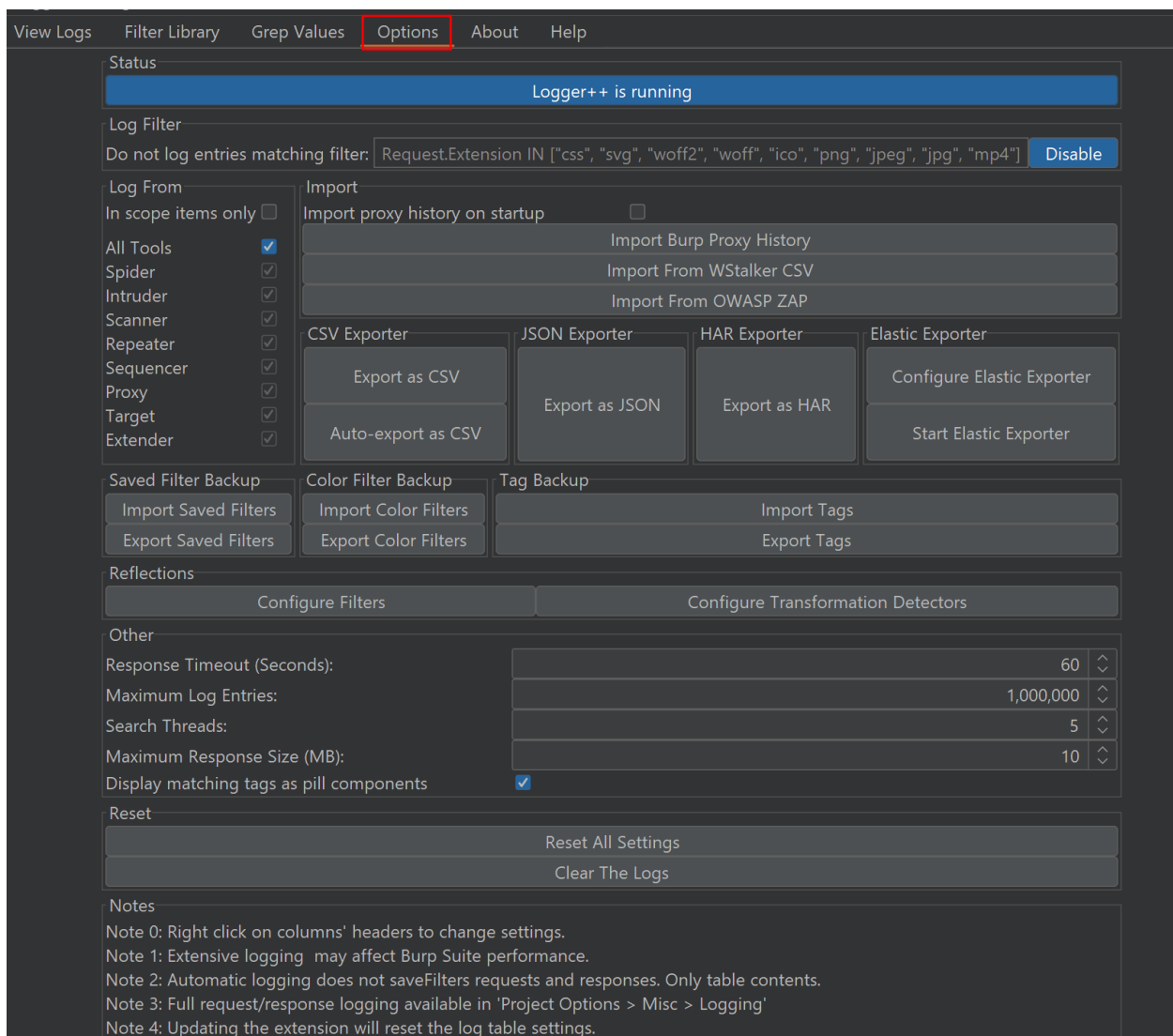
| # | Tags | Complete | Complete | Tool | Method | Host | Path |
|---|------|----------|----------|------|--------|------|------|
|---|------|----------|----------|------|--------|------|------|

## Navigating

There are a lot of options visible to you. First, let's explore the "Options" tab to discover what advanced settings are included in this extension?



Navigate to "Options" to see the various log filter options. It allows you to customize logging setting as per your preference.



Logger++ is running by default. Here are some others important setting:

- Log Filter: This feature lets you specifically choose the requests that you don't need to record for analysis, or you may turn it off when not in use.
- Log From: It enables you to capture data from the specific logs that you want to capture from.
- Import: You can import log data from CSV and OWASP ZAP reports with this function.
- Export: The log data can be exported for further analysis.

Depending on your preferences, you can use different configuration. We are sticking with the default settings for the time being.

## Query-Based Filter

The View Log tab contains all the logs. Using this website "vulnweb" as an example, browse it and simply scan the entire site; all logs will show up here under the View Logs page.

The screenshot shows the Acunetix View Logs interface. At the top, there are tabs: View Logs, Filter Library, Grep Values, Options, About, and Help. Below the tabs is a 'Filter:' input field. A table displays log entries with columns: #, Tags, Complete, Complete, Tool, Method, Host, and Path. Two entries are visible, both marked as 'Complete' with a blue checkmark. The first entry is a GET request to 'http://testphp.vuln... /' and the second is a GET request to 'http://testphp.vuln... /images/logo.gif'. Below the table is a preview of the scanned website, 'testphp.vulnweb.com'. The website header includes the Acunetix logo and 'acu art'. Below the header is a navigation bar with links: home, categories, artists, disclaimer, your cart, guestbook, and AJAX Demo. A search bar is also present. The main content area displays 'welcome to our page' and 'Test site for Acunetix WVS.'.

| # | Tags | Complete                 | Complete                            | Tool  | Method | Host                   | Path             |
|---|------|--------------------------|-------------------------------------|-------|--------|------------------------|------------------|
| 1 |      | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Proxy | GET    | http://testphp.vuln... | /                |
| 2 |      | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Proxy | GET    | http://testphp.vuln... | /images/logo.gif |

Now, go to Signup. In order to capture the logs for credentials, enter the test login details.

Username: test

Password: test

then click on "Login".

| # | Tags | Complete                 | Complete                            | Tool  | Method | Host                               |
|---|------|--------------------------|-------------------------------------|-------|--------|------------------------------------|
| 1 |      | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Proxy | GET    | http://testphp.vuln... /           |
| 2 |      | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Proxy | GET    | http://testphp.vuln... /images/log |
| 3 |      | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Proxy | GET    | http://testphp.vuln... /categories |



login page

←

→

↻

Not secure | testphp.vulnweb.com/login.php


**acunetix**


TEST and Demonstration site for **Acunetix Web Vulnerability Scanner**

[home](#) | 
 [categories](#) | 
 [artists](#) | 
 [disclaimer](#) | 
 [your cart](#) | 
 [guestbook](#) | 
 [AJAX Demo](#)

**search art**  
   
[Browse categories](#)  
[Browse artists](#)  
[Your cart](#)  
[Signup](#)  
[Your profile](#)  
[Our guestbook](#)  
[AJAX Demo](#)

If you are already registered please enter your login information below:

Username :

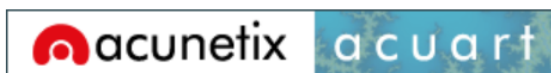
Password :

You can also [signup here](#).

Signup disabled. Please use the username **test** and the password **test**.

**Links**  
[Security art](#)  
[PHP scanner](#)  
[PHP vuln help](#)  
[Fractal Explorer](#)

Let's update some more details to capture more requests for further analysis.



TEST and Demonstration site for Acunetix Web Vulnerability Scanner

[home](#) | [categories](#) | [artists](#) | [disclaimer](#) | [your cart](#) | [guestbook](#) | [AJAX Demo](#)

[Logout test](#)

search art

go

[Browse categories](#)

[Browse artists](#)

[Your cart](#)

[Signup](#)

[Your profile](#)

[Our guestbook](#)

[AJAX Demo](#)

Links

[Security art](#)

[PHP scanner](#)

[PHP vuln help](#)

[Fractal Explorer](#)



(test)

On this page you can visualize or edit you user information.

|                                       |   |
|---------------------------------------|---|
| Name:                                 | <input type="text" value="raj"/>                      |
| Credit card number:                   | <input type="text" value="1234-5678-2300-9000"/>      |
| E-Mail:                               | <input type="text" value="raj@hackingarticles.in"/>   |
| Phone number:                         | <input type="text" value="2323345"/>                  |
| Address:                              | <input type="text" value="Join ignite Technologies"/> |
| <input type="button" value="update"/> |   |

You have 3 items in your cart. You visualize you cart [here](#).

You can see that all requests have been captured here in View Logs.

| #  | Method | Host                    | Title            | Path                   | New Cookies       | Inferred Type | Reflected Params       | Response Length | Parameter Count | Status |
|----|--------|-------------------------|------------------|------------------------|-------------------|---------------|------------------------|-----------------|-----------------|--------|
| 1  | GET    | http://testphp.vuln...  | Home of Acu...   | /                      |                   | HTML          |                        | 4958            | 0               | 200    |
| 2  | GET    | http://testphp.vuln...  |                  | /images/logo.gif       |                   | IMAGE_GIF     |                        | 6660            | 0               | 200    |
| 3  | GET    | http://testphp.vuln...  | picture categ... | /categories.php        |                   | HTML          |                        | 6115            | 0               | 200    |
| 4  | GET    | http://testphp.vuln...  | artists          | /artists.php           |                   | HTML          |                        | 5328            | 0               | 200    |
| 5  | GET    | http://testphp.vuln...  | you cart         | /cart.php              |                   | HTML          |                        | 4903            | 0               | 200    |
| 6  | GET    | http://testphp.vuln...  |                  | /userinfo.php          |                   | PLAIN_TEXT    |                        | 14              | 0               | 302    |
| 7  | GET    | http://testphp.vuln...  | login page       | /login.php             |                   | HTML          |                        | 5523            | 0               | 200    |
| 8  | GET    | http://testphp.vuln...  | login page       | /login.php             |                   | HTML          |                        | 5523            | 0               | 200    |
| 9  | GET    | http://testphp.vuln...  | guestbook        | /guestbook.php         |                   | HTML          |                        | 5390            | 0               | 200    |
| 10 | GET    | http://testphp.vuln...  |                  | /images/remark.gif     |                   | IMAGE_GIF     |                        | 79              | 0               | 200    |
| 11 | GET    | http://testphp.vuln...  | ajax test        | /AJAX/index.php        |                   | HTML          |                        | 4236            | 0               | 200    |
| 12 | GET    | http://testphp.vuln...  | login page       | /login.php             |                   | HTML          |                        | 5523            | 0               | 200    |
| 13 | POST   | http://testphp.vuln...  | user info        | /userinfo.php          | [login=test%2F... | HTML          | [uname, pass]          | 5980            | 2               | 200    |
| 14 | POST   | https://passwordslea... |                  | /v1/leaks:lookupSingle |                   | SCRIPT        |                        | 179             | 5               | 400    |
| 15 | POST   | http://testphp.vuln...  | user info        | /userinfo.php          |                   | HTML          | [urname, ucc, uemai... | 6009            | 6               | 200    |

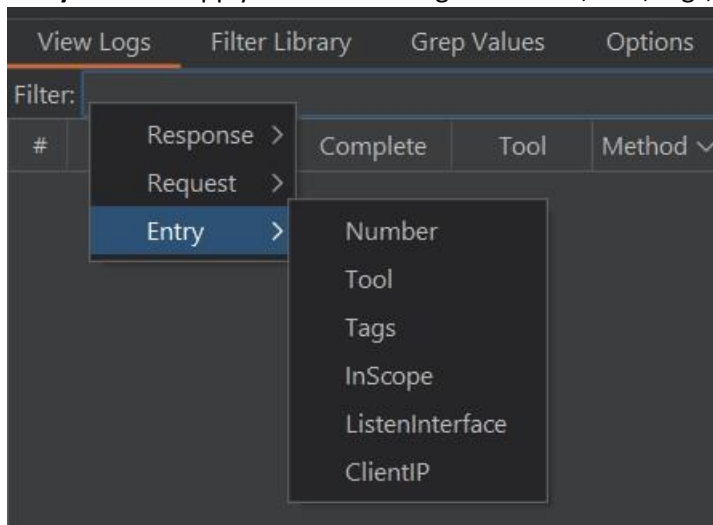
## Magical Filter

You can use filter to selectively view or manipulate HTTP requests and responses. These filters help you focus on specific aspects of the web traffic and are especially useful during security testing. The working is based on query string. It accepts a logical query and returns output based on them.

You have some advanced choices with the filter options:



- **Entry:** You can apply filters according to number, tool, tags, InScope, and other criteria.



- **Request:** It lets you filter just the request itself using many options such as header, body, URL, method, parameters, cookies, etc. As shown below:

View Logs
Filter Library
Grep Values
Options
About
Help

Filter:

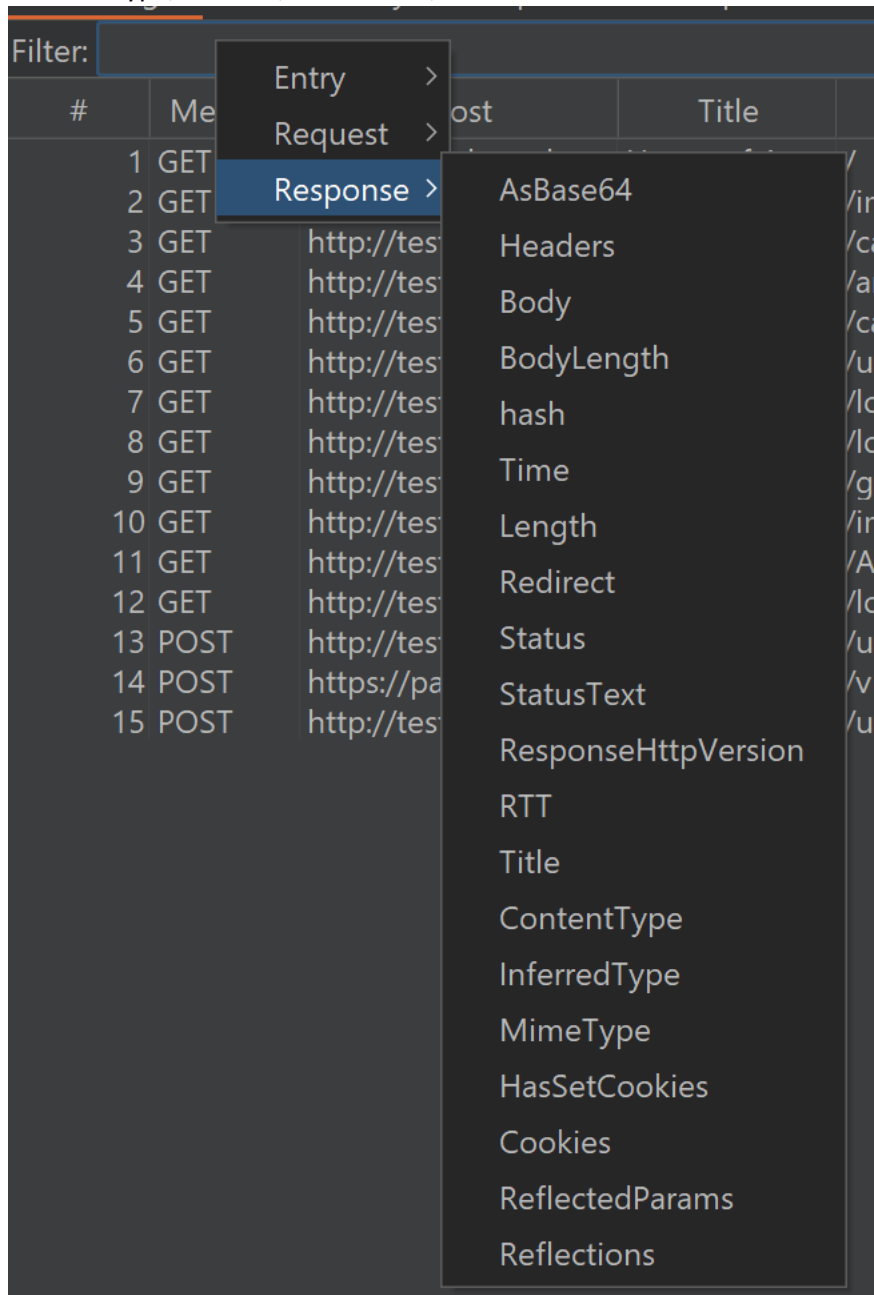
| #  | Method | Host                              | Entry    |
|----|--------|-----------------------------------|----------|
| 1  | GET    | http://testphp.v                  | Request  |
| 2  | GET    | http://testphp.v                  | Response |
| 3  | GET    | http://testphp.vulnw... picture c |          |
| 4  | GET    | http://testphp.vulnw... artists   |          |
| 5  | GET    | http://testphp.vulnw... you cart  |          |
| 6  | GET    | http://testphp.vulnw...           |          |
| 7  | GET    | http://testphp.vulnw... login pag |          |
| 8  | GET    | http://testphp.vulnw... login pag |          |
| 9  | GET    | http://testphp.vulnw... guestbo   |          |
| 10 | GET    | http://testphp.vulnw...           |          |
| 11 | GET    | http://testphp.vulnw... ajax test |          |
| 12 | GET    | http://testphp.vulnw... login pag |          |
| 13 | POST   | http://testphp.vulnw... user info |          |
| 14 | POST   | https://passwordslea...           |          |
| 15 | POST   | http://testphp.vulnw... user info |          |

AsBase64
Headers
Body
BodyLength
Time
Length
Tool
Comment
Complete
URL
Method
Path
Query
PathQuery
Protocol
IsSSL
UsesCookieJar
Hostname
Host
Port
ContentType
RequestHttpVersion
Extension
Referrer
HasParams
HasGetParam
HasPostParam
HasSentCookies
CookieString
ParameterCount
Parameters
Origin

Pretty
Raw
Hex

1

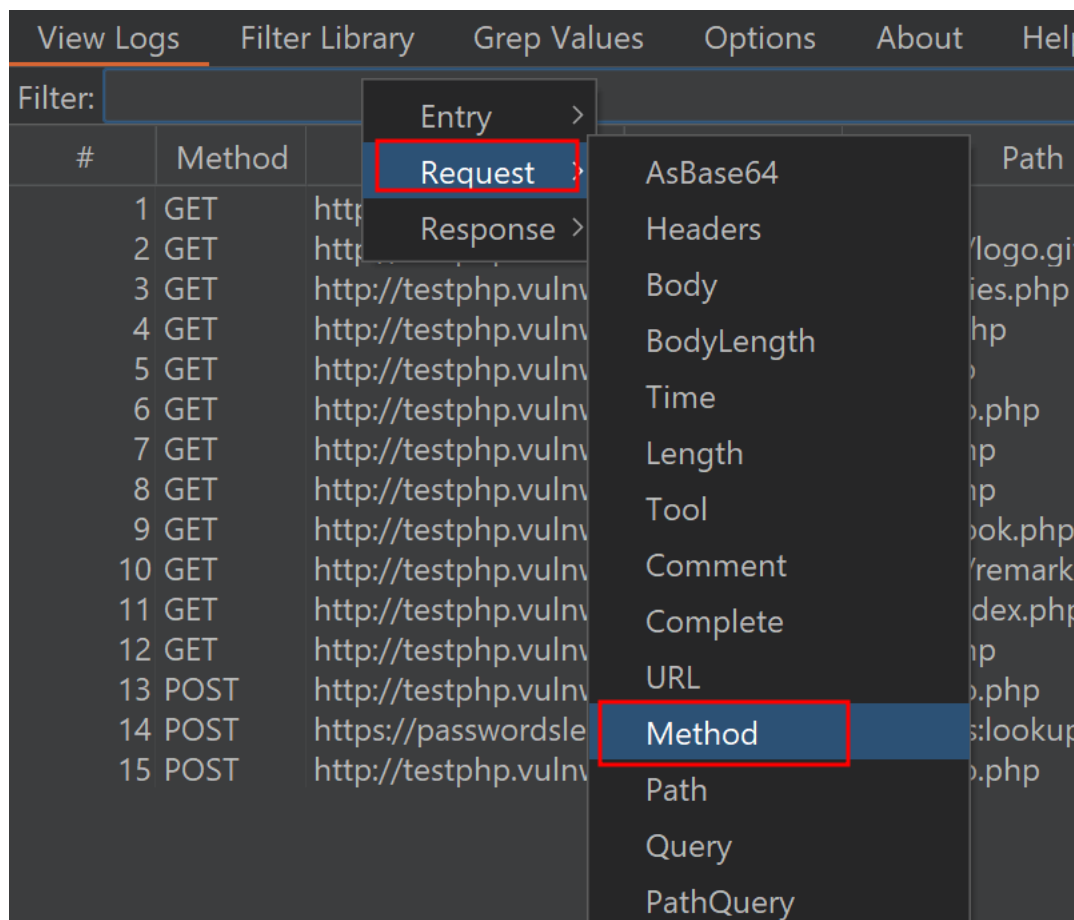
- **Response:** It lets you filter just the response by using various options such as header, body, Inferred Type, Method, Parameters, cookies etc. As shown below:



**Scenario 1:** Let's suppose you just want to view HTTP POST requests from all logs. It is understood that HTTP POST parameters are in HTTP Request.

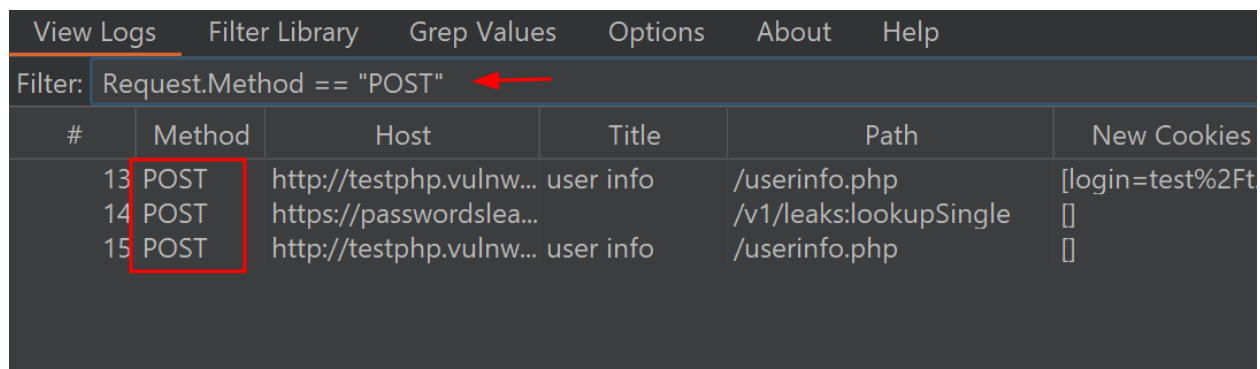
Go to Filter bar > right click > Select Request > Select Method

The method has been chosen and visible in filter bar.



Quary: Request.Method == "POST"

And hit enter. As result, Only HTTP POST Method requests appear.

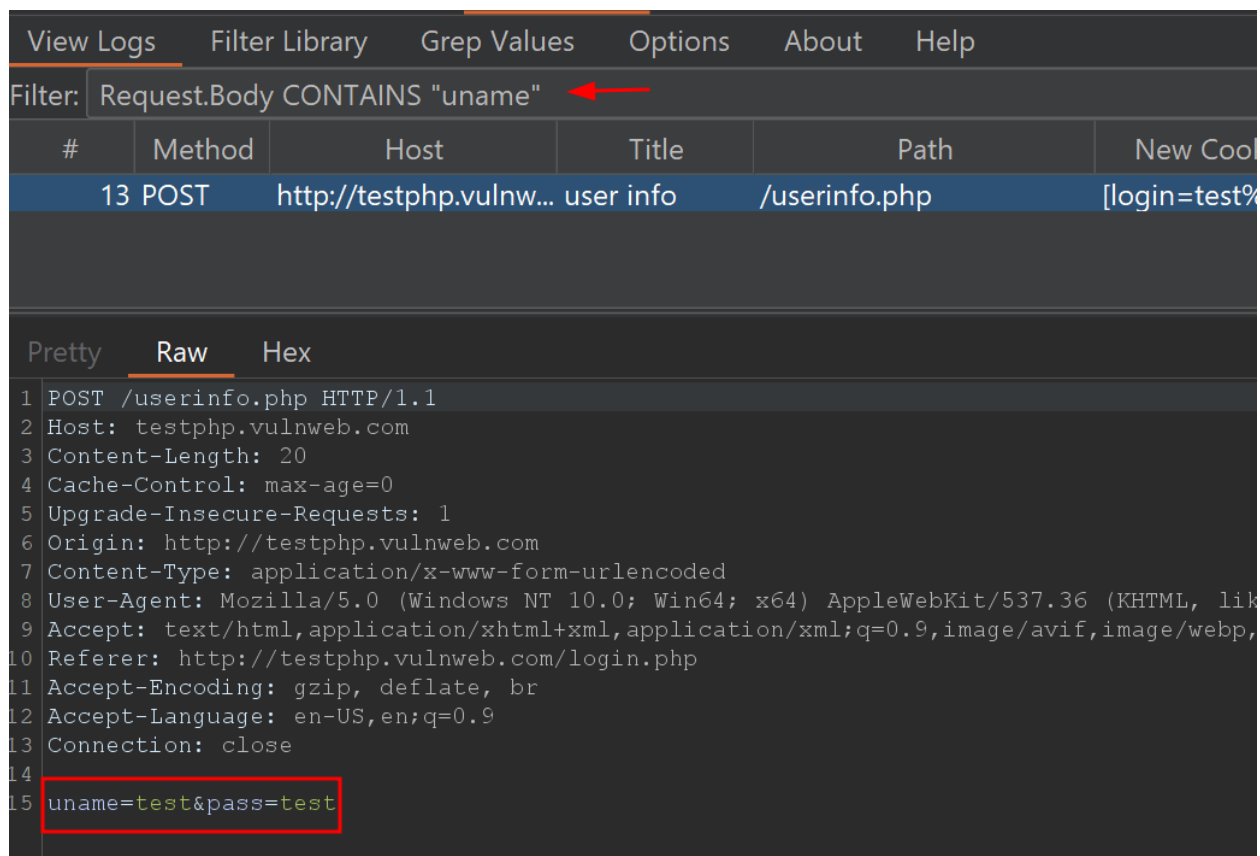


**Scenario 2:** Taking another example, suppose we just want to view the requests which contains any username information from all logs.

Go to Filter bar > right click > Select Request > Select Body

Quary: Request.Body CONTAINS "uname"

As a result, the following request is highlighted:



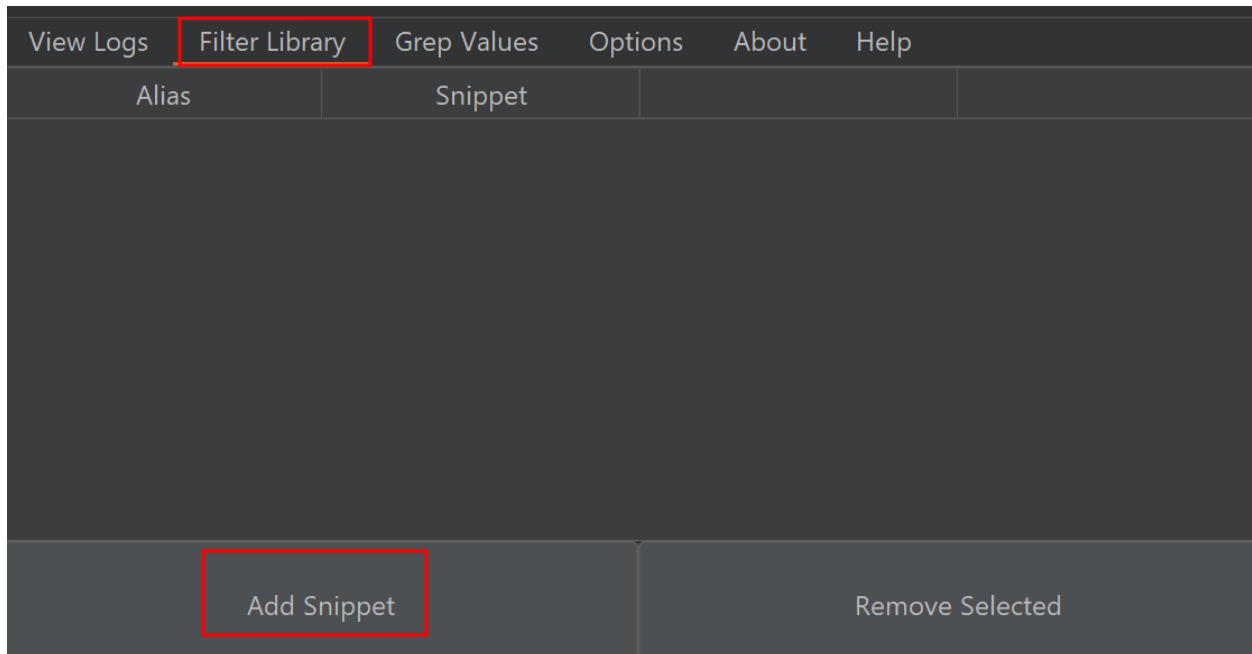
Below are some useful queries which are helpful during penetration testing.

#### Some Useful Filter Queries

|  |  |
|--|--|
| JSON Injection (Check for only one json request) | Response.InferredType == "json"  |
| Injections Attack (Check for HTML, XML, JSON)    | Response.InferredType IN ["json", "html", "xml"]   |
| Disclosed Server Information                     | Response.header CONTAINS "Server:"   |
| Exposed Sensitive File                           | Response.Body CONTAINS [".git", ".config", ".zip", ".swf", ".doc", ".pdf", ".xlsx", ".csv", ]    |
| Exposed Sensitive Path                           | Request.Path CONTAINS ["/git", "/etc", "/var"]<br>Request.Path MATCHES "/account*"               |
| Sensitive Parameter in Query String              | Request.Path CONTAINS ["id", "username", "password", "role", "isAdmin"]                          |
| Sensitive Parameter in Request                   | Request.Body CONTAINS ["id", "username", "password", "token", "role", "EnterpriseID", "isAdmin"] |
| Missing Robots.txt                               | Request.Path MATCHES "/robots.txt"   |
| CORS Misconfiguration                            | Response.Header MATCHES " Access-Control-Allow-Origin: *"  |
| Check for CSRF Token                             | Request.Method == "POST" AND Request.Body CONTAINS "csrf"  |
| URL Redirection                                  | Request.Path CONTAINS ["redirect=", "page=", "url=", "index.page="]                              |

## Filter Library

We can use the saved or pre-configured filters from the library directly with the help of the Filter Library. When you start testing, you do not have to manually type or remember the query string of filter pattern.

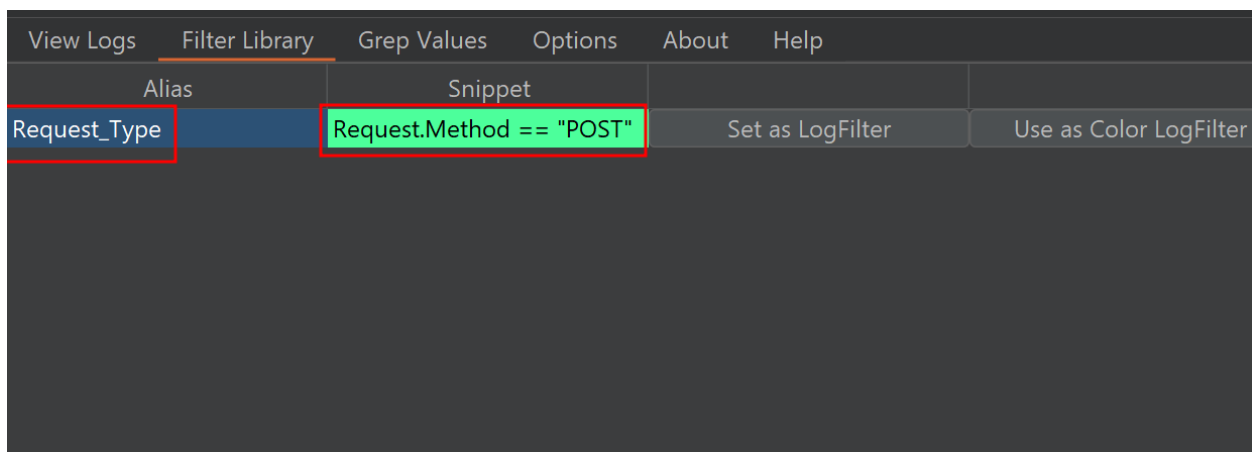


Click on “Add Snippet”. Here are two values that must be added.

- **Alias:** Put any Alias name for your query string.
- **Snippet:** Add query string here.

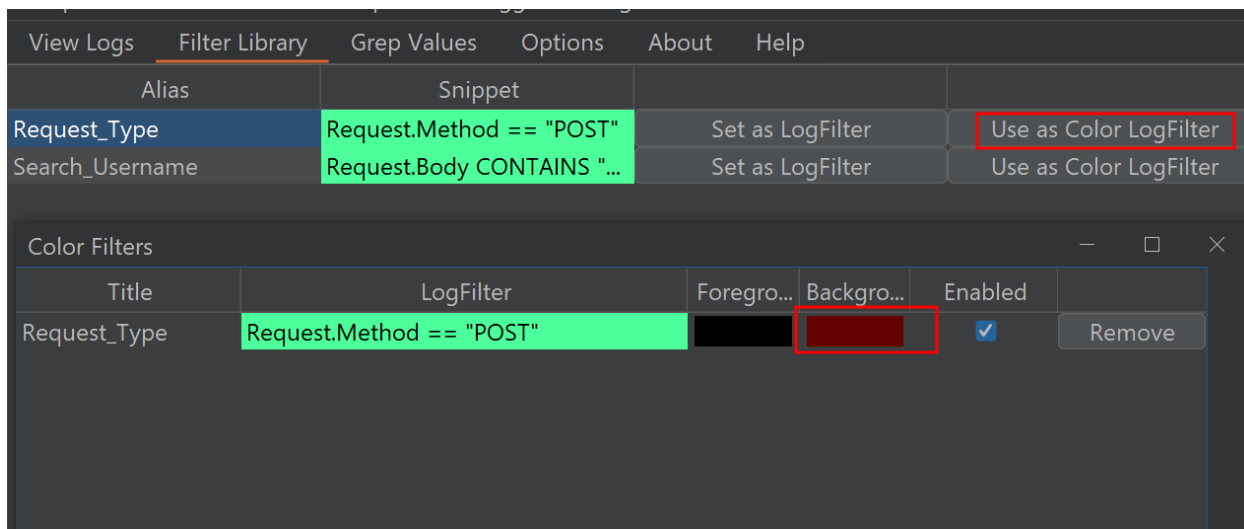
As you can see below, I have added a filter for

Request\_Type: Request.Method == “POST”



You no longer have to type repeatedly to find only POST requests. You can color-code this request so that the highlighted request stands out among all captured requests on the View Logs page.

Click on Use as Color LogFilter > Select Background Color > check Enable and save it.



All POST requests are now highlighted in "Dard-Red" on this page.

| Filter: |        |                         |                  |                        |                |
|---------|--------|-------------------------|------------------|------------------------|----------------|
| #       | Method | Host                    | Title            | Path                   | New Cookies    |
| 1       | GET    | http://testphp.vuln...  | Home of Acu...   | /                      | []             |
| 2       | GET    | http://testphp.vuln...  |                  | /images/logo.gif       | []             |
| 3       | GET    | http://testphp.vuln...  | picture categ... | /categories.php        | []             |
| 4       | GET    | http://testphp.vuln...  | artists          | /artists.php           | []             |
| 5       | GET    | http://testphp.vuln...  | you cart         | /cart.php              | []             |
| 6       | GET    | http://testphp.vuln...  |                  | /userinfo.php          | []             |
| 7       | GET    | http://testphp.vuln...  | login page       | /login.php             | []             |
| 8       | GET    | http://testphp.vuln...  | login page       | /login.php             | []             |
| 9       | GET    | http://testphp.vuln...  | guestbook        | /guestbook.php         | []             |
| 10      | GET    | http://testphp.vuln...  |                  | /images/remark.gif     | []             |
| 11      | GET    | http://testphp.vuln...  | ajax test        | /AJAX/index.php        | []             |
| 12      | GET    | http://testphp.vuln...  | login page       | /login.php             | []             |
| 13      | POST   | http://testphp.vuln...  | user info        | /userinfo.php          | [login=test%2F |
| 14      | POST   | https://passwordslea... |                  | /v1/leaks:lookupSingle | []             |
| 15      | POST   | http://testphp.vuln...  | user info        | /userinfo.php          | []             |

Similarly, you can save whole test scenarios in the Filter Library. There is two ways to call the saved filter:

**Method 1:** In Filter Library, click on Set as LogFilter.

| View Logs       | Filter Library              | Grep Values      | Options                | About | Help |
|-----------------|-----------------------------|------------------|------------------------|-------|------|
| Alias           | Snippet                     |                  |                        |       |      |
| Request_Type    | Request.Method == "POST"    | Set as LogFilter | Use as Color LogFilter |       |      |
| Search_Username | Request.Body CONTAINS "..." | Set as LogFilter | Use as Color LogFilter |       |      |

It will directly run the query and the desired result will be displayed.

| View Logs | Filter Library           | Grep Values             | Options   | About                  | Help               |
|-----------|--------------------------|-------------------------|-----------|------------------------|--------------------|
| Filter:   | Request.Method == "POST" |                         |           |                        |                    |
| #         | Method                   | Host                    | Title     | Path                   | New Cookies        |
| 13        | POST                     | http://testphp.vuln...  | user info | /userinfo.php          | [login=test%2Ft... |
| 14        | POST                     | https://passwordslea... |           | /v1/leaks:lookupSingle | []                 |
| 15        | POST                     | http://testphp.vuln...  | user info | /userinfo.php          | []                 |

**Method 2:** Use “#” with Alias name directly in filter bar.

| View Logs | Filter Library | Grep Values             | Options          | About                  | Help               |
|-----------|----------------|-------------------------|------------------|------------------------|--------------------|
| Filter:   | #Request_Type  |                         |                  |                        |                    |
| #         | Method         | Host                    | Title            | Path                   | New Cookies        |
| 1         | GET            | http://testphp.vuln...  | Home of Acu...   | /                      | []                 |
| 2         | GET            | http://testphp.vuln...  |                  | /images/logo.gif       | []                 |
| 3         | GET            | http://testphp.vuln...  | picture categ... | /categories.php        | []                 |
| 4         | GET            | http://testphp.vuln...  | artists          | /artists.php           | []                 |
| 5         | GET            | http://testphp.vuln...  | you cart         | /cart.php              | []                 |
| 6         | GET            | http://testphp.vuln...  |                  | /userinfo.php          | []                 |
| 7         | GET            | http://testphp.vuln...  | login page       | /login.php             | []                 |
| 8         | GET            | http://testphp.vuln...  | login page       | /login.php             | []                 |
| 9         | GET            | http://testphp.vuln...  | guestbook        | /guestbook.php         | []                 |
| 10        | GET            | http://testphp.vuln...  |                  | /images/remark.gif     | []                 |
| 11        | GET            | http://testphp.vuln...  | ajax test        | /AJAX/index.php        | []                 |
| 12        | GET            | http://testphp.vuln...  | login page       | /login.php             | []                 |
| 13        | POST           | http://testphp.vuln...  | user info        | /userinfo.php          | [login=test%2Ft... |
| 14        | POST           | https://passwordslea... |                  | /v1/leaks:lookupSingle | []                 |
| 15        | POST           | http://testphp.vuln...  | user info        | /userinfo.php          | []                 |



And hit enter. The equivalent outcome will appear as follows:

| View Logs Filter Library Grep Values Options About Help |        |                         |           |                        |                    |
|---|--------|-------------------------|-----------|------------------------|--------------------|
| Filter: #Request_Type                                   |        |                         |           |                        |                    |
| #   | Method | Host                    | Title     | Path                   | New Cookies        |
| 13  | POST   | http://testphp.vulnw... | user info | /userinfo.php          | [login=test%2Ft... |
| 14  | POST   | https://passwordslea... |           | /v1/leaks:lookupSingle | []                 |
| 15  | POST   | http://testphp.vulnw... | user info | /userinfo.php          | []                 |

## Regex-Based Filter

Burp Logger's regex filter is a powerful feature that helps web security professionals pinpoint specific data within the vast sea of information during security testing.

You need to specify the regular expression (regex) pattern. This pattern acts like a search query, telling Burp Logger++ what kind of data you want to capture. You can create regex expression pattern to find data as like Email Address, IP Address, Server-side error messages, Software version disclosed, Any API Key exposed etc.

Go to Logger++, click on Grep Values tab. Here, you can see more filters to limit the search criteria.

- Search Response = It will perform search only in responses.
- Search Request = It will perform search only in requests.
- In Scope Only = If you added the target URL in Scope only then it will only search within the scoped target.

For the time being, choose to search through every request and response. Let's take an example, if you want to find email addresses in web traffic, your regex pattern might look like

**Regex:** `[\w\.-]+\@[\w\.-]+\.`

Directly paste this expression under Regex bar and press enter.

View Logs Filter Library **Grep Values** Options About Help

Regex: `[\\w\\.-]+@[\\w\\.-]+.`

Results Unique Results

| Entry  | Total Matches |
|--|---------------|
| > http://testphp.vulnweb.com/images/logo.gif | 1             |
| > http://testphp.vulnweb.com/userinfo.php    | 1             |
| > http://testphp.vulnweb.com/userinfo.php    | 1             |

Pretty Raw Hex In

```

1 POST /userinfo.php HTTP/1.1
2 Host: testphp.vulnweb.com
3 Content-Length: 129
4 Cache-Control: max-age=0
5 Upgrade-Insecure-Requests: 1
6 Origin: http://testphp.vulnweb.com
7 Content-Type:
  application/x-www-form-urlencoded
8 User-Agent: Mozilla/5.0 (Windows NT 10.0;
  Win64; x64) AppleWebKit/537.36 (KHTML,
  like Gecko) Chrome/116.0.5845.111
  Safari/537.36
9 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
10 Referer:
  http://testphp.vulnweb.com/userinfo.php
11 Accept-Encoding: gzip, deflate, br
12 Accept-Language: en-US,en;q=0.9
13 Cookie: login=test%2Ftest
14 Connection: close
15
16 username=raj&ucc=1234-5678-2300-9000&uemail=
  raj%40hackingarticles.in&uphone=2323345&
  uaddress=Join+ignite+Technologies&update=
  update

```

65

```

<tr>
  <td valign="top">
    Name:
  </td>
  <td>
    <input type="text" value="raj" name="urname" style="
  </td>
</tr>
66
<tr>
  <td valign="top">
    Credit card number:
  </td>
  <td>
    <input type="text" value="1234-5678-2300-9000" name=
  </td>
</tr>
67
<tr>
  <td valign="top">
    E-Mail:
  </td>
  <td>
    <input type="text" value="raj@hackingarticles.in" na
  </td>
</tr>
68
<tr>
  <td valign="top">
    Phone number:
  </td>
  <td>
    <input type="text" value="2323345" name="uphone" sty
  </td>
</tr>
69
<tr>

```

Consequently, the /userinfo.php request — which includes the email mentioned above is displayed.

You have two ways: Manually search through the complete request/response or click on Unique Result. The results that match the regex expression will be displayed only in Unique Results.

View Logs Filter Library **Grep Values** Options About Help

Regex: `[\\w\\.-]+@[\\w\\.-]+.`

Results **Unique Results**

| Value                   |
|-------------------------|
| A@r                     |
| email@email.com"        |
| raj@hackingarticles.in" |

Similarly, Let's check for IP Address also,

**Regex Exp:** `\b\d{1,3}\.\d{1,3}\.\d{1,3}\.\d{1,3}\b`

Regexp: `\b\d{1,3}\.\d{1,3}\.\d{1,3}\.\d{1,3}\b`

Results Unique Results

| Entry   | Request Matches |
|---|-----------------|
| > <a href="http://testphp.vulnweb.com/search.php?test=query">http://testphp.vulnweb.com/search.php?test=query</a> | 1               |

Pretty Raw Hex

```
1 POST /search.php?test=query HTTP/1.1
2 Host: testphp.vulnweb.com
3 Content-Length: 32
4 Cache-Control: max-age=0
5 Upgrade-Insecure-Requests: 1
6 Origin: http://testphp.vulnweb.com
7 Content-Type:
  application/x-www-form-urlencoded
8 User-Agent: Mozilla/5.0 (Windows NT 10.0;
  Win64; x64) AppleWebKit/537.36 (KHTML,
  like Gecko) Chrome/116.0.5845.111
  Safari/537.36
9 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
10 Referer:
  http://testphp.vulnweb.com/userinfo.php
11 Accept-Encoding: gzip, deflate, br
12 Accept-Language: en-US,en;q=0.9
13 Cookie: login=test%2Ftest
14 Connection: close
15
16 searchFor=10.10.1.10&goButton=go
```

Pretty Raw Hex Render

```

  guestbook
</a>
|
<a href="AJAX/index.php">
  AJAX Demo
</a>
</td>
<td align="right">
  <a href='logout.php'>
    Logout test
  </a>
</td>
</tr>
</table>
</div>
</div>
<!-- end masthead -->
<!-- begin content -->
<!-- InstanceBeginEditable name="content_rgn" -->
<div id="content">
  <h2 id='pageTitle'>
    searched for: 10.10.1.10
  </h2>
</div>
<!-- InstanceEndEditable -->
<!--end content -->
```

It is evident that a POST request is being sent through the IP address 10.10.1.10.

In the same way, you can check for other important information like if you want to find the web traffic contains any FTP, HTTP, WWW.

**Regex:** `\b(ftp|www|http)[^\s]+`

For reference, the following link includes helpful regex expression to find the disclosed server version within the error information.

<https://github.com/lwierzicki/RegexFinder/blob/main/burp.regex.tsv>

## Export Data Feature

Burp Logger's data export feature is a valuable tool for web security professionals. It allows you to save, analyze, and share the captured data efficiently, making it an essential tool for documenting findings, performing in-depth analysis, and collaborating with others in the field of web security.

### Why Export Data Feature is Helpful?

- **Data Preservation:** Exporting data from the Logger++ allows you to save a record of your testing session. This is essential for documentation and analysis.
- **External Analysis:** By exporting data, you can use external tools or software to perform in-depth analysis, generate reports, or share findings with team members.
- **Archiving Evidence:** It helps in preserving evidence of potential vulnerabilities or security issues discovered during testing, which is crucial for audits and compliance.
- **Collaboration:** Exported data can be easily shared with colleagues or experts for collaborative analysis, making it an asset in team-based security testing.
- **Customization:** Depending on the export format chosen, you can tailor the exported data to meet specific reporting or analysis requirements.

### Supported Formats:

- **Base64 JSON Format:** Base64-encoded data is often used to include binary data within a JSON structure.
- **JSON Format:** JSON is a lightweight data-interchange format used for structured data.
- **CSV Format:** CSV files are widely supported and can be opened in spreadsheet software like Microsoft Excel or Google Sheets.
- **HAR Format:** HTTP Archive (HAR) format is used for capturing and storing the performance-related data. The HAR format contains detailed information about HTTP requests and responses.

View Logs Filter Library Grep Values Options About Help

Filter:

| #  | Method | Host  | Title            | Path               | New Cookies        | Inferred Type |
|----|--------|---|------------------|--------------------|--------------------|---------------|
| 1  | GET    | http://testphp.vuln...                            | Home of Acu...   | /                  | []                 | HTML          |
| 2  | GET    | http://testphp.vuln...                            |                  | /images/logo.gif   | []                 | IMAGE_GIF     |
| 3  | GET    | http://testphp.vuln...                            | picture categ... | /categories.php    | []                 | HTML          |
| 4  | GET    | http://testphp.vuln...                            | artists          | /artists.php       | []                 | HTML          |
| 5  | GET    | http://testphp.vuln...                            | you cart         | /cart.php          | []                 | HTML          |
| 6  | GET    | http://testphp.vuln...                            |                  | /userinfo.php      | []                 | PLAIN_TEXT    |
| 7  | GET    | http://testphp.vuln...                            | login page       | /login.php         | []                 | HTML          |
| 8  | GET    | http://testphp.vuln...                            | login page       | /login.php         | []                 | HTML          |
| 9  | GET    | http://testphp.vuln...                            | guestbook        | /guestbook.php     | []                 | HTML          |
| 10 | GET    | http://testphp.vuln...                            |                  | /images/remark.gif | []                 | IMAGE_GIF     |
| 11 | GET    | http://testphp.vuln...                            | ajax test        | /AJAX/index.php    | []                 | HTML          |
| 12 | GET    | http://testphp.vuln...                            | login page       | /login.php         | []                 | HTML          |
| 13 | POST   | http://testphp.vuln...                            | user info        | /userinfo.php      | [login=test%2Ft... | HTML          |
| 14 | POST   | https://passwordleakcheck-pa.googleapis.com/v1... |                  | lookupSingle       | []                 | SCRIPT        |
| 15 |        | https://passwordleakcheck-pa.googleapis.com/v1... |                  | php                | []                 | HTML          |
| 16 |        |   |                  | p                  | []                 | HTML          |

Use Request.Method Value As LogFilter  
Set Request.Method Value as Color Filter  
Remove from scope  
Export as...  
Crawl from here  
Do an active scan  
Do a passive scan  
Send to Repeater  
Send to Intruder  
Send to Comparer  
Remove Item

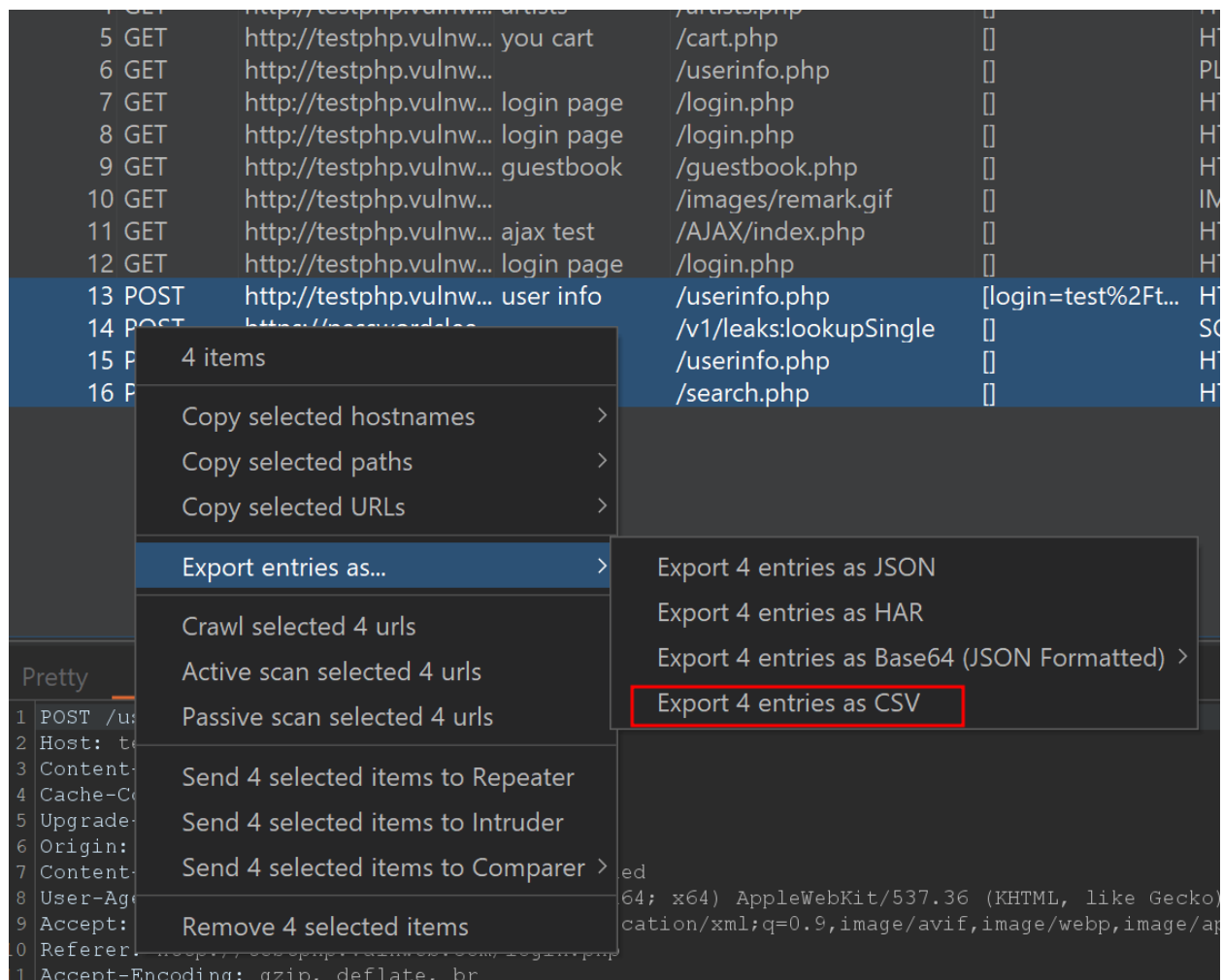
Export 1 entry as JSON  
Export 1 entry as HAR  
Export 1 entry as Base64 (JSON Formatted)  
Export 1 entry as CSV

WebKit/537.36 (KHTML, like Gecko) Chrome/116

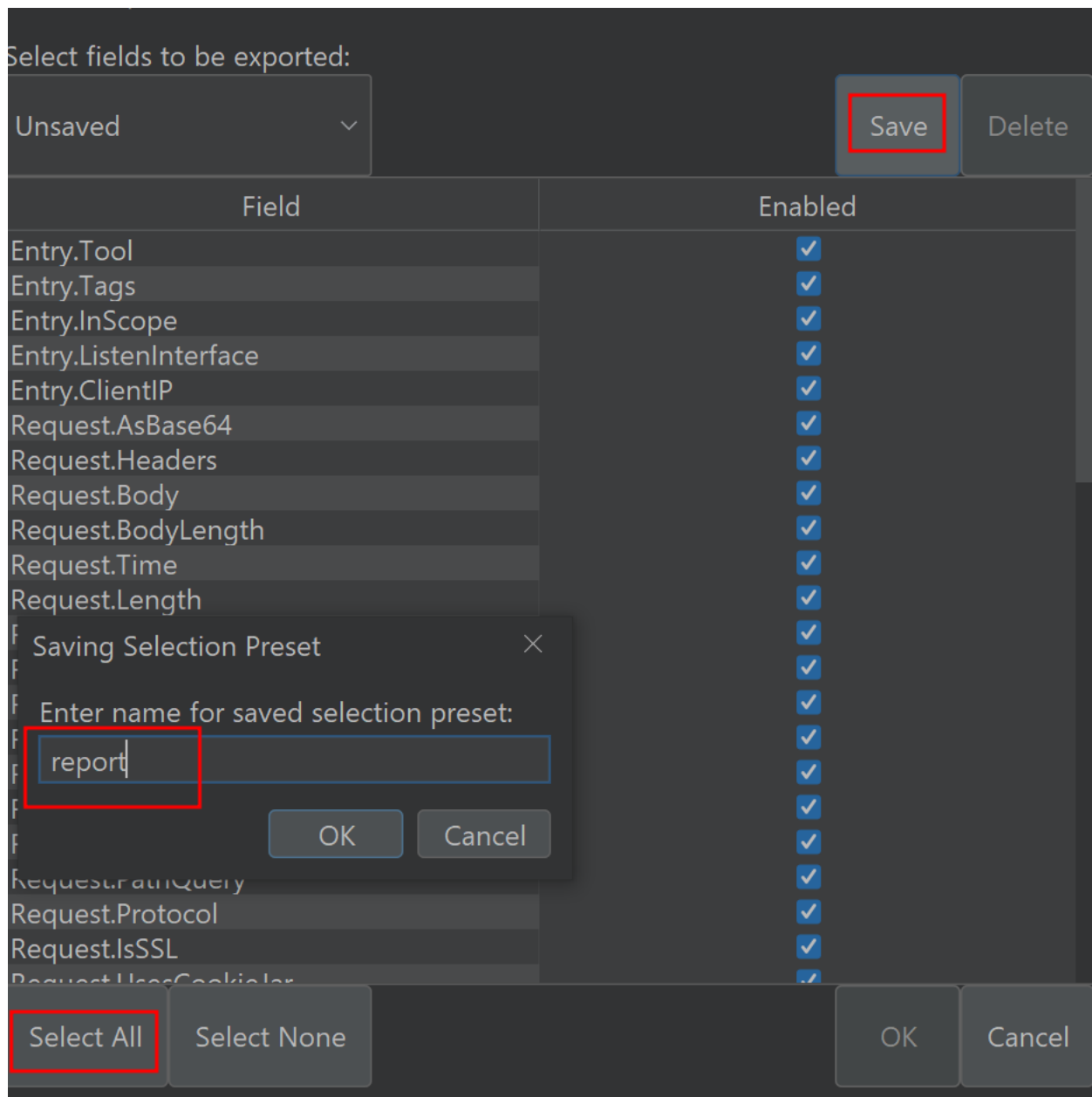
Accept-Language: en-US,en;q=0.9  
Connection: close

For Example, suppose you want to export all POST requests for further analysis.

Select the associate requests > right click > choose Export entries as > Export as CSV



Now Select All > Choose Save > Enter the name and click on Ok.



Save the result to your system offline. You can examine the CSV file; it contains all of the values that you chose to save.

You may select the only required values to store based on your needs.





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