

# Lab: HTTP request smuggling, basic TE.CL vulnerability

This lab involves a front-end and back-end server, and the back-end server doesn't support chunked encoding. The front-end server rejects requests that aren't using the GET or POST method.

To solve the lab, smuggle a request to the back-end server, so that the next request processed by the back-end server appears to use the method **GPOST**.

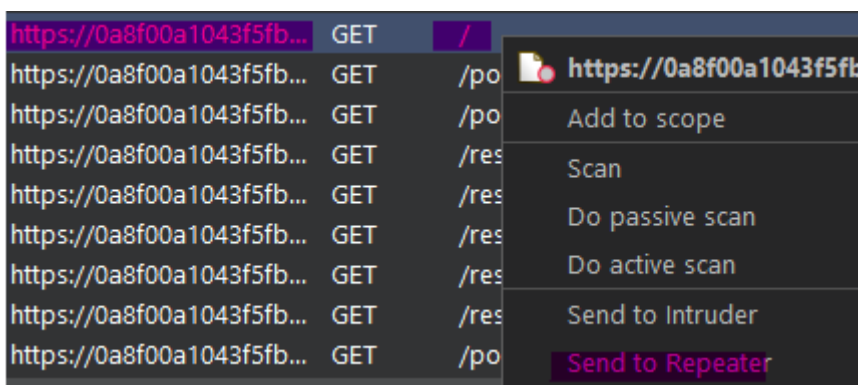
## Tip

Manually fixing the length fields in request smuggling attacks can be tricky. Our [HTTP Request Smuggler](#) Burp extension was designed to help. You can install it via the BApp Store.

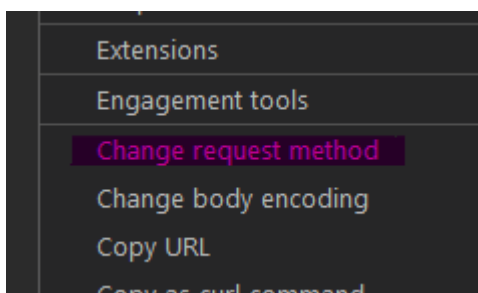
## Note

This lab is designed to demonstrate the basic concepts behind [HTTP request smuggling](#). If you keep following our [learning materials](#), we've got plenty more labs that teach you how to exploit these vulnerabilities for some high-severity attacks.

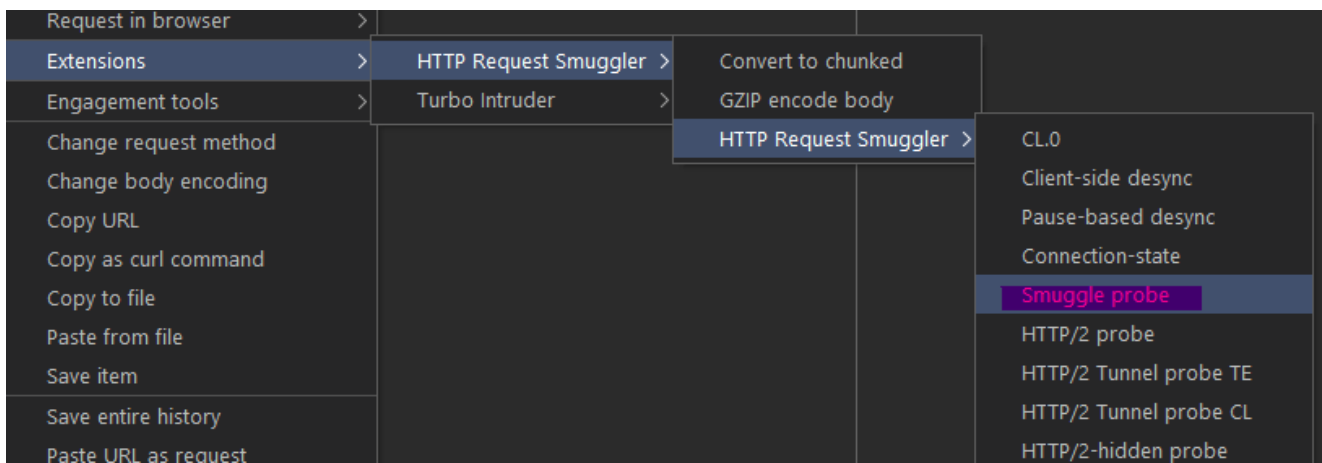
## Send Web Root Request to Repeater



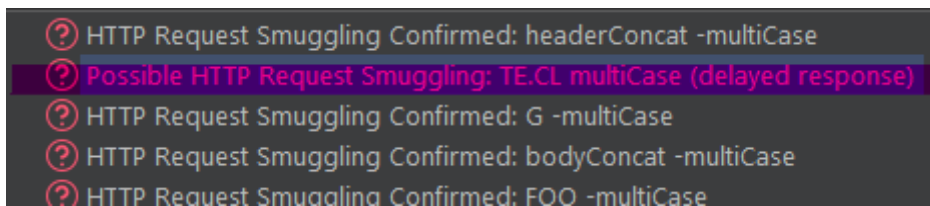
## Change Body to Post Request



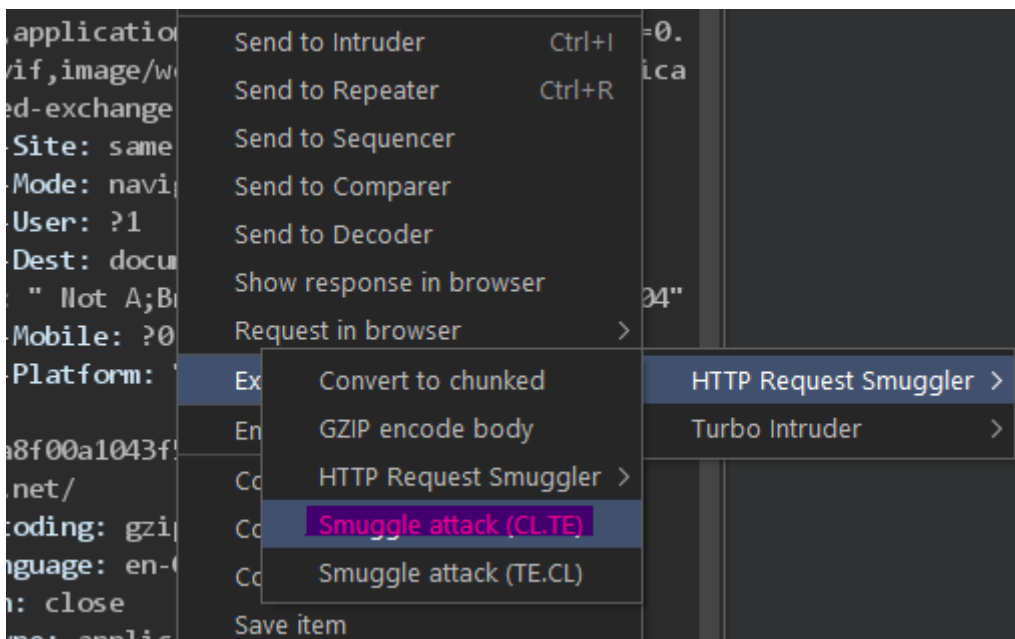
## Send Smuggle Probe



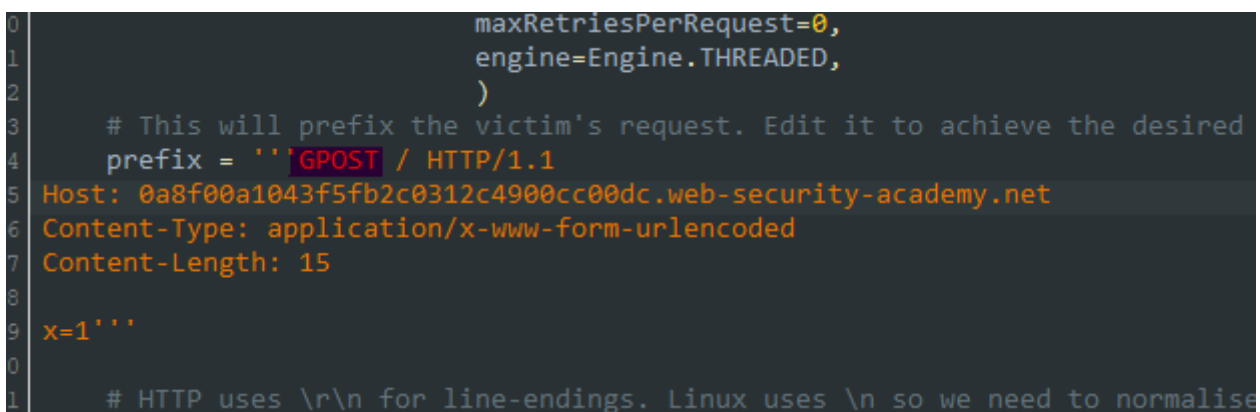
## Review Smuggle Probe Results



## Right Click on Request for Attack Menu



## Tee Up Turbo Intruder - Change to GPOST & Add P/Swigger Host Address



## Response !

|   | Pretty                         | Raw | Hex | Render |
|---|--------------------------------|-----|-----|--------|
| 1 | HTTP/1.1 403 Forbidden         |     |     |        |
| 2 | Content-Type: application/json |     |     |        |
| 3 | Content-Encoding: gzip         |     |     |        |
| 4 | Connection: close              |     |     |        |
| 5 | Content-Length: 47             |     |     |        |
| 6 |                                |     |     |        |
| 7 | "Unrecognized method GPOST"    |     |     |        |

## Profit

Congratulations, you solved the lab!