# Cyber Security-Edge Program

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| Name: Afrin Faria  ID: 2111270  Batch: B11 |

# **14. 9 November, 2024**

System hacking

Ethical hacking/security assessment

Network infras - IP based

Web app+API

Mobile app

Wireless network

**Web application penetration testing**

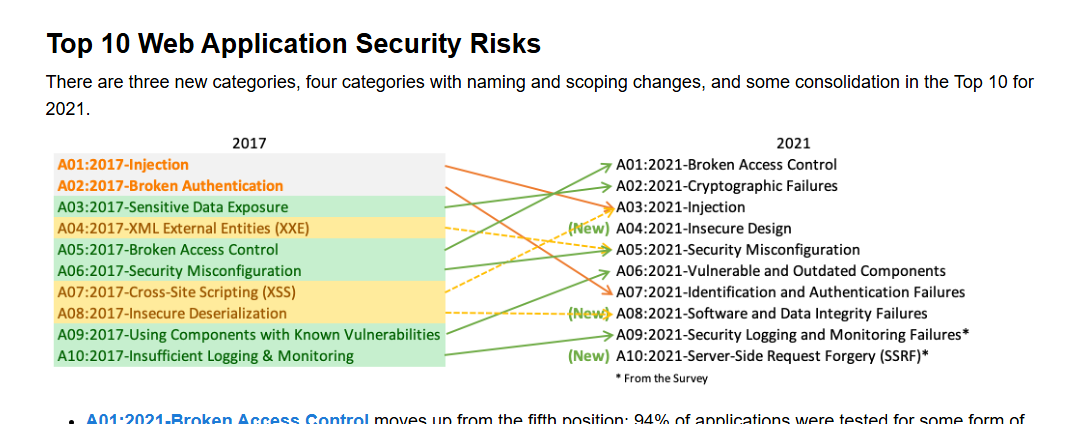
**Security:**

1. Authentication and authorization
2. Input validation
3. TLS/SSL
4. Secure coding practices
5. Keeping updated
6. Least privilege
7. firewall

 Crawling: <http://testphp.vulnweb.com/>

Alada alada page ache  then test

Owasp testing guideline



<https://www.sans.org/top25-software-errors/>

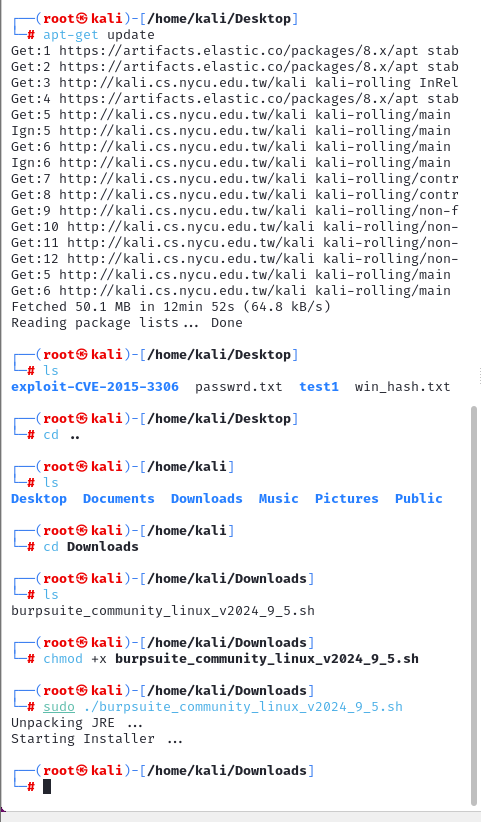
Bug bounty:

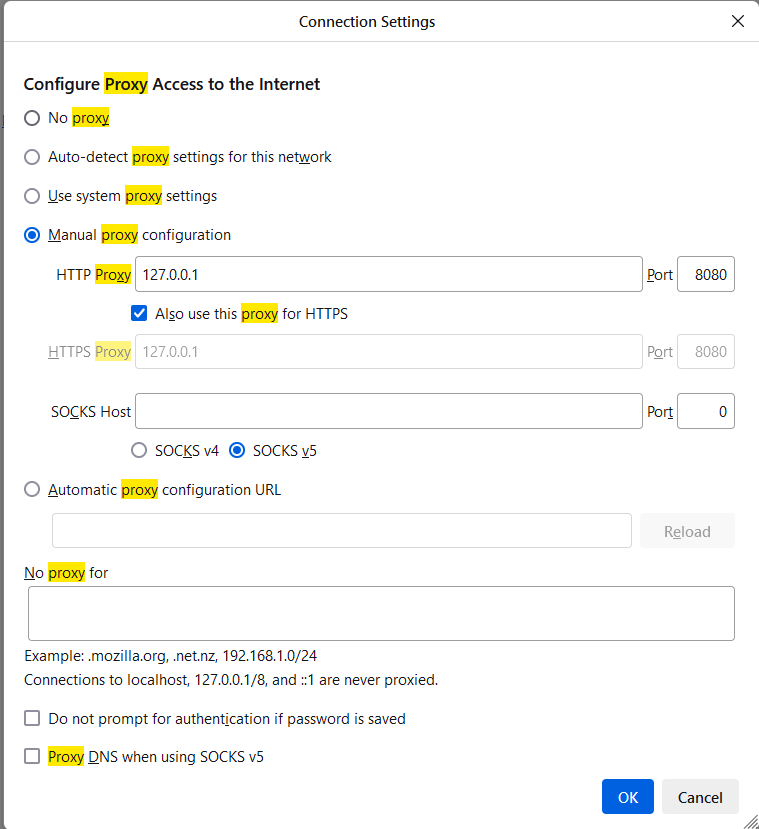
Bug crowd

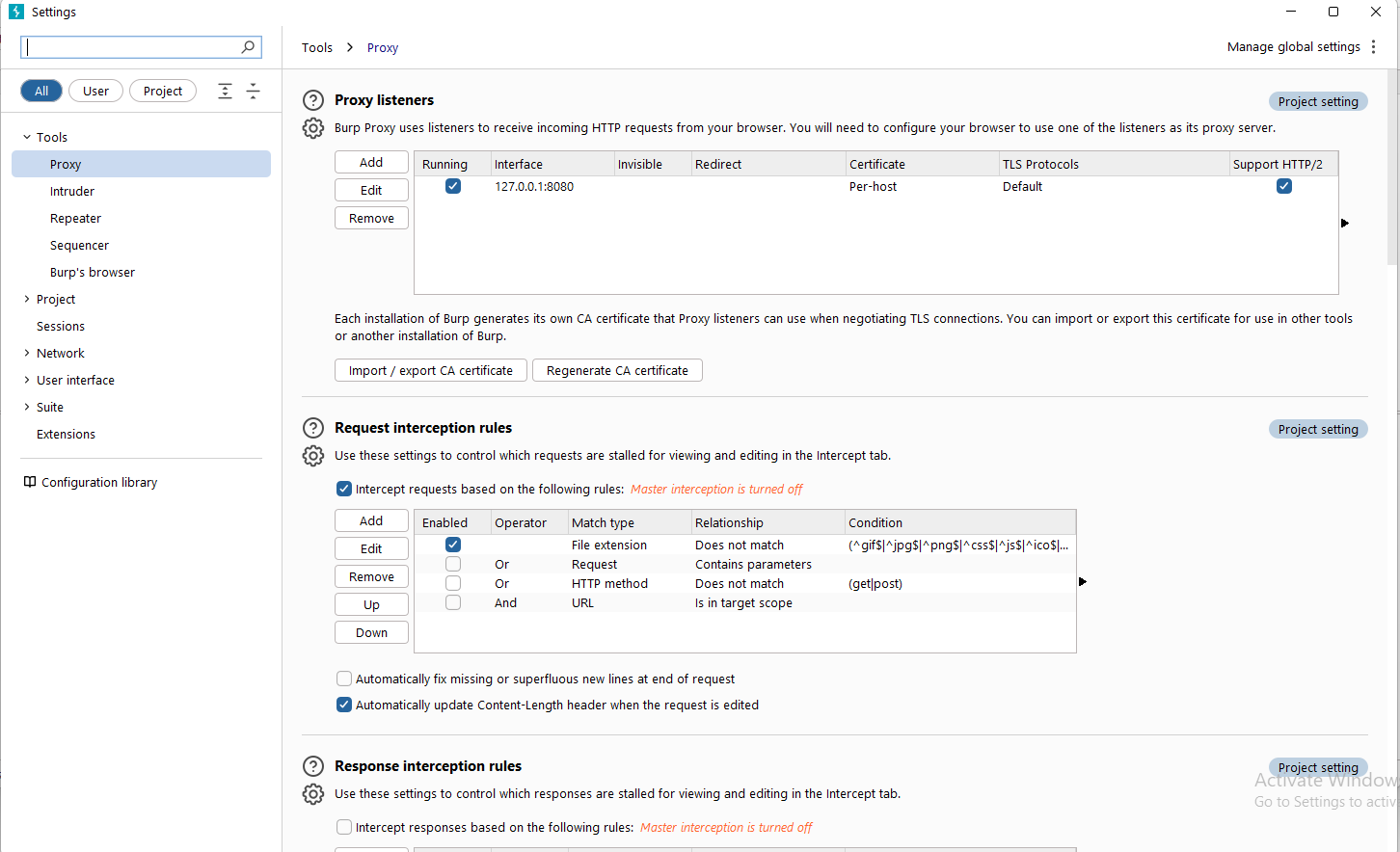
Synack

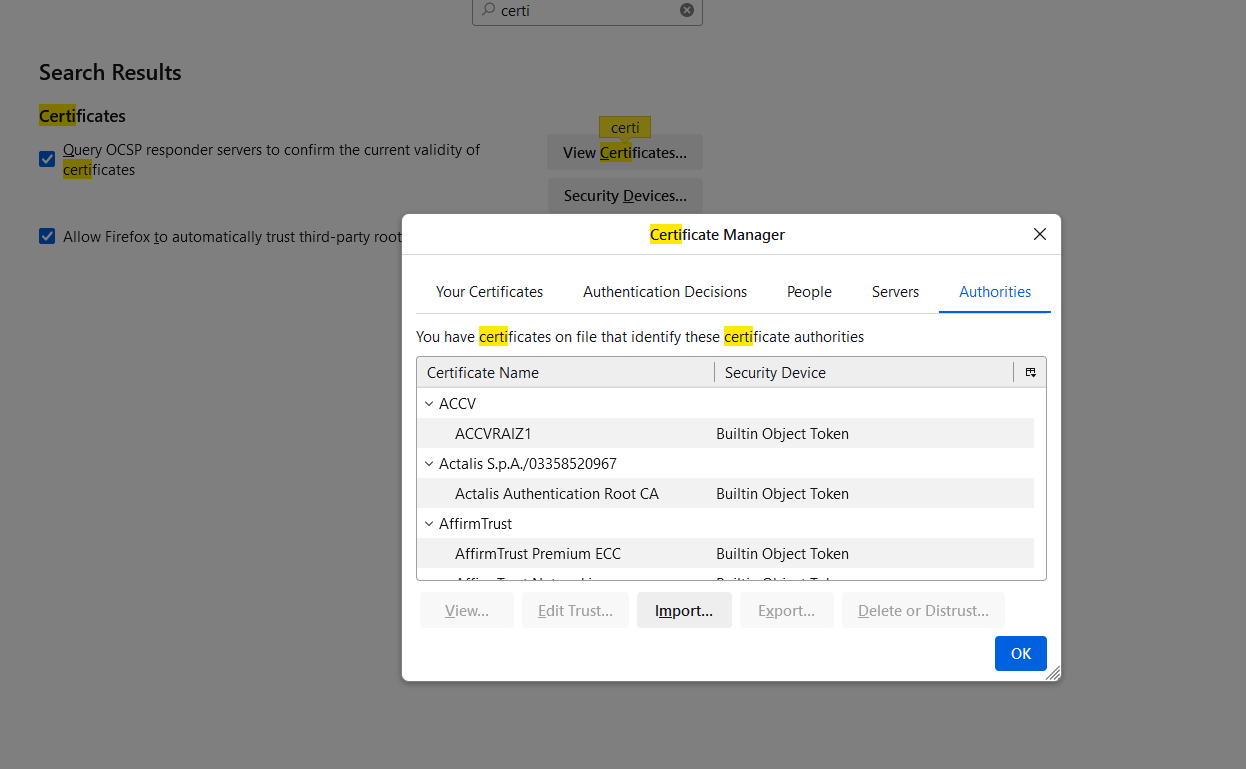
Hacker one

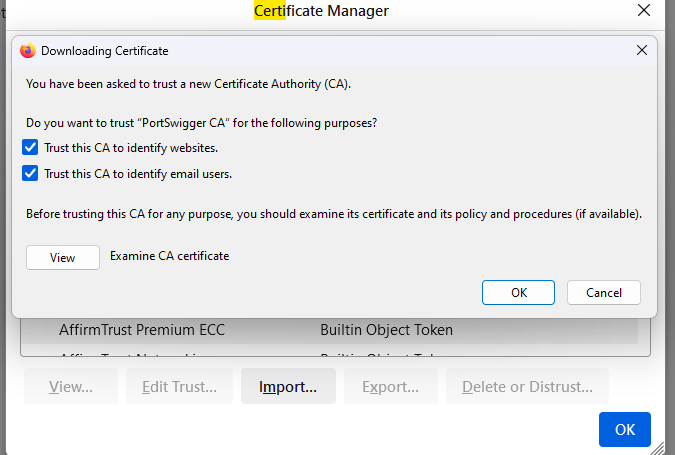
Yogasha

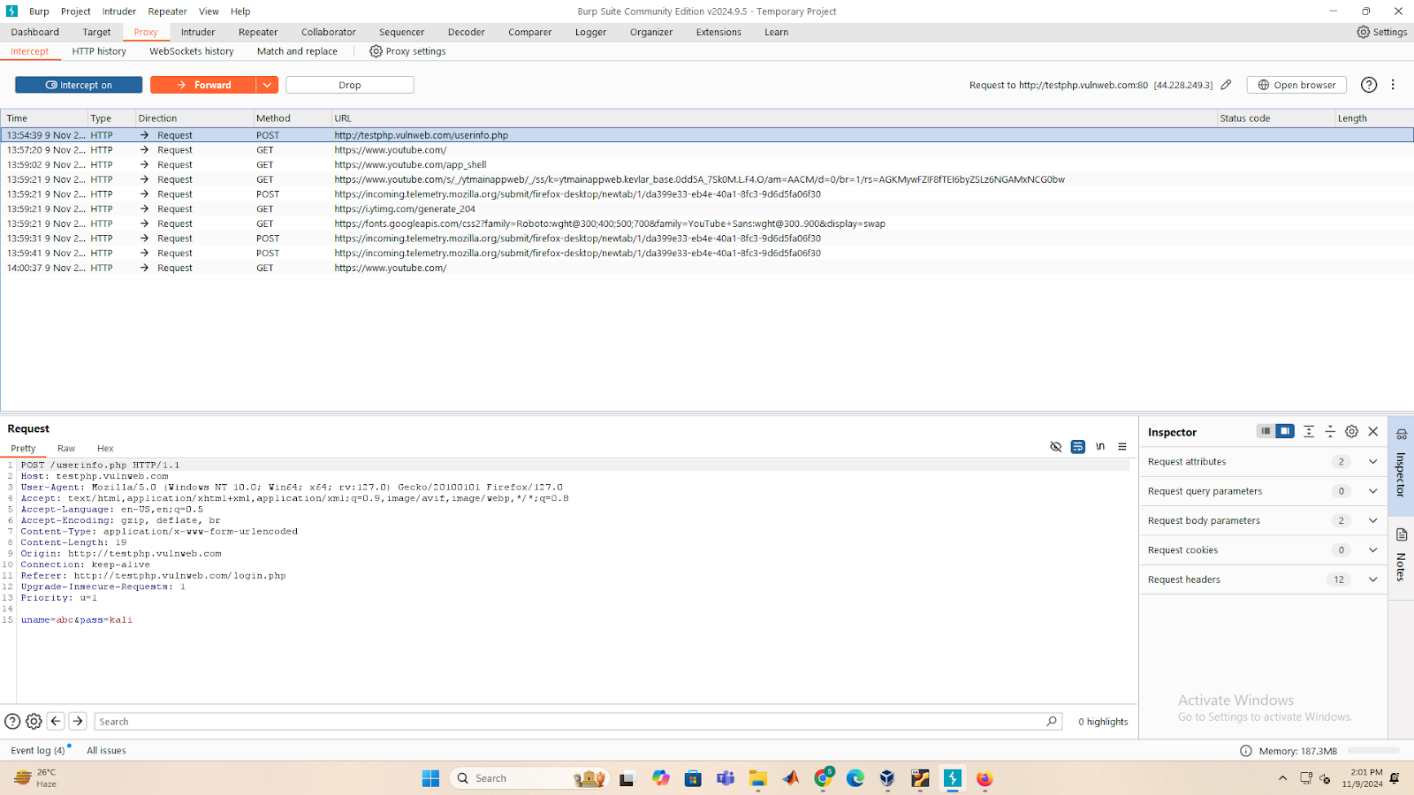


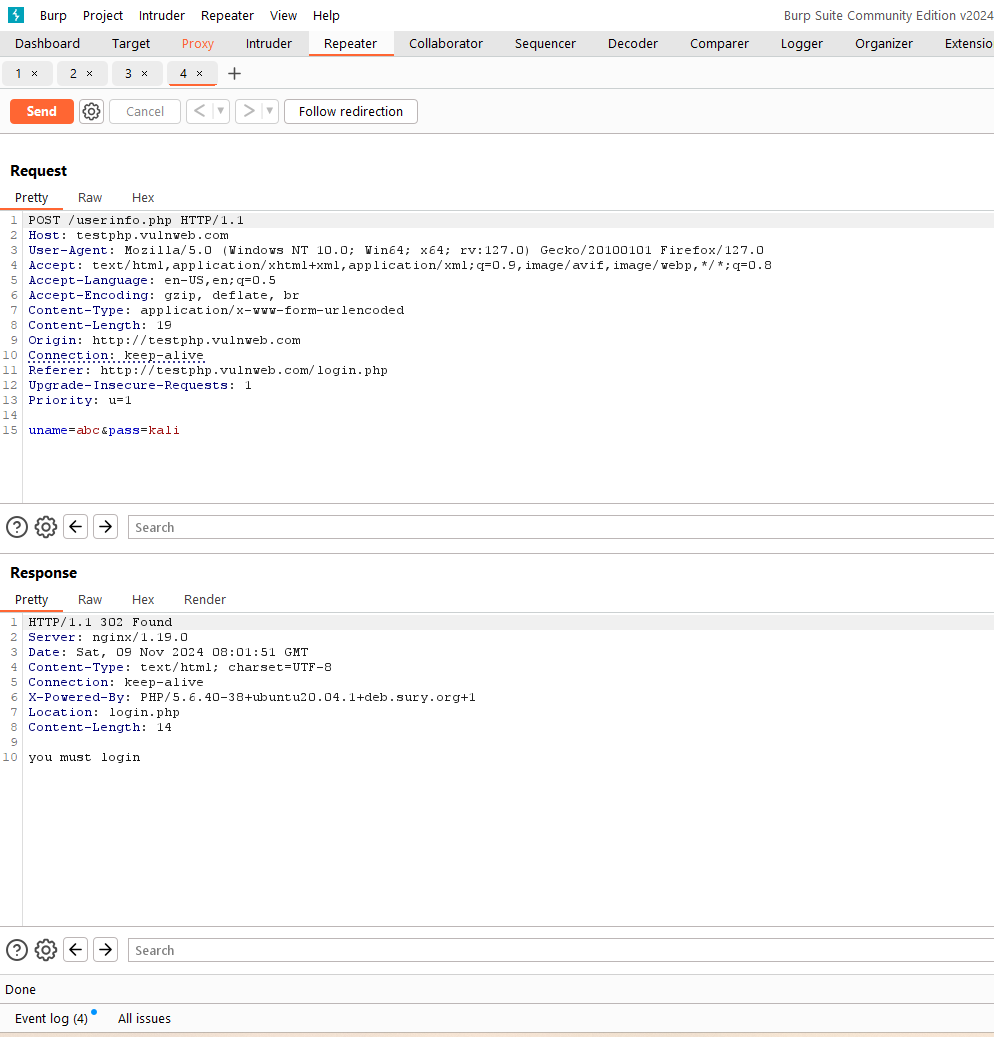


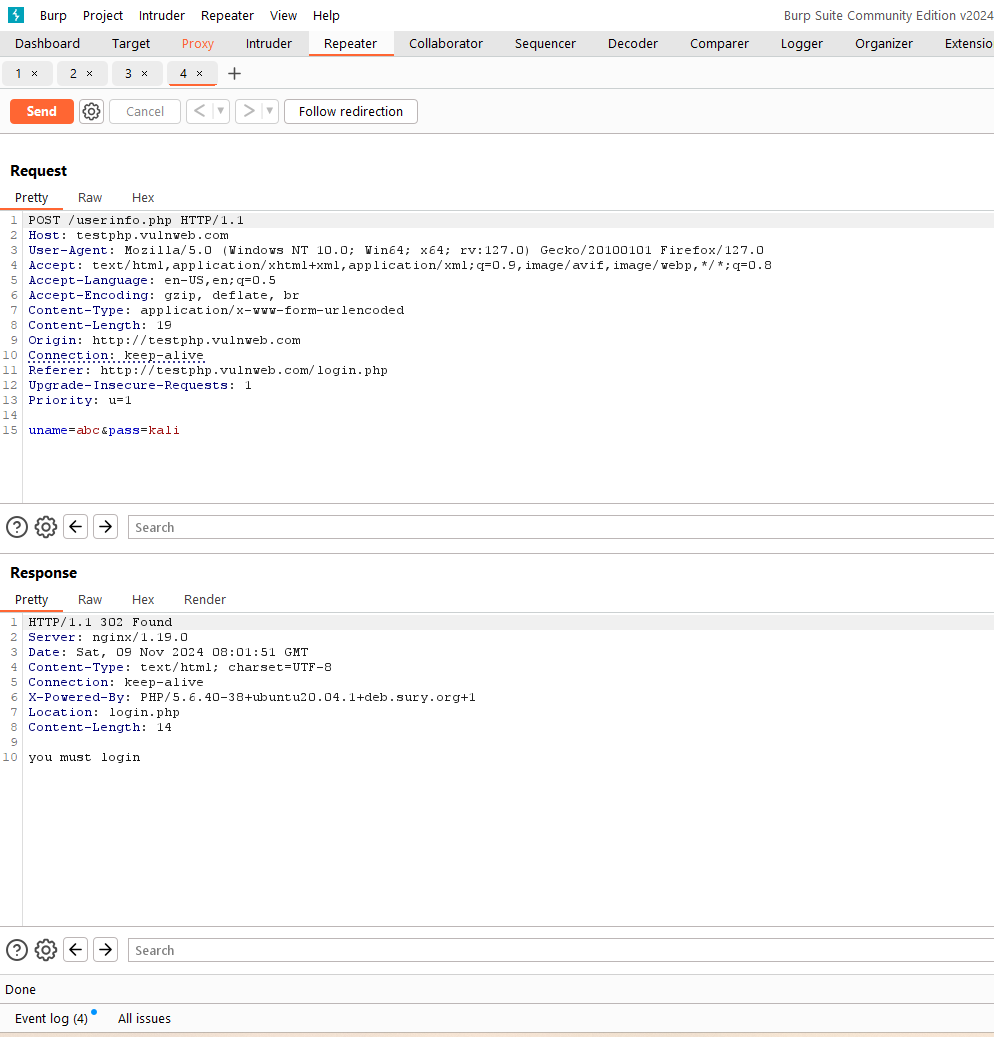


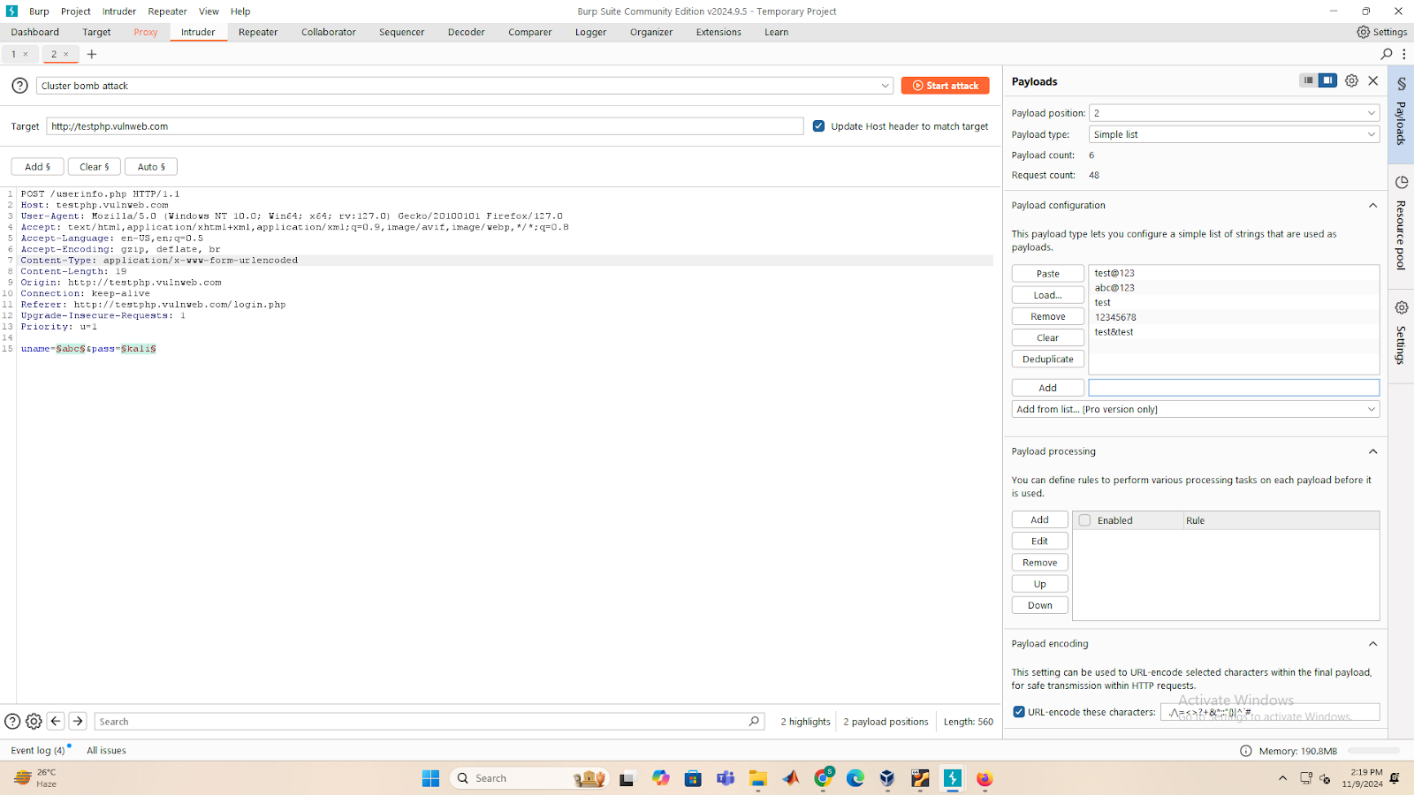


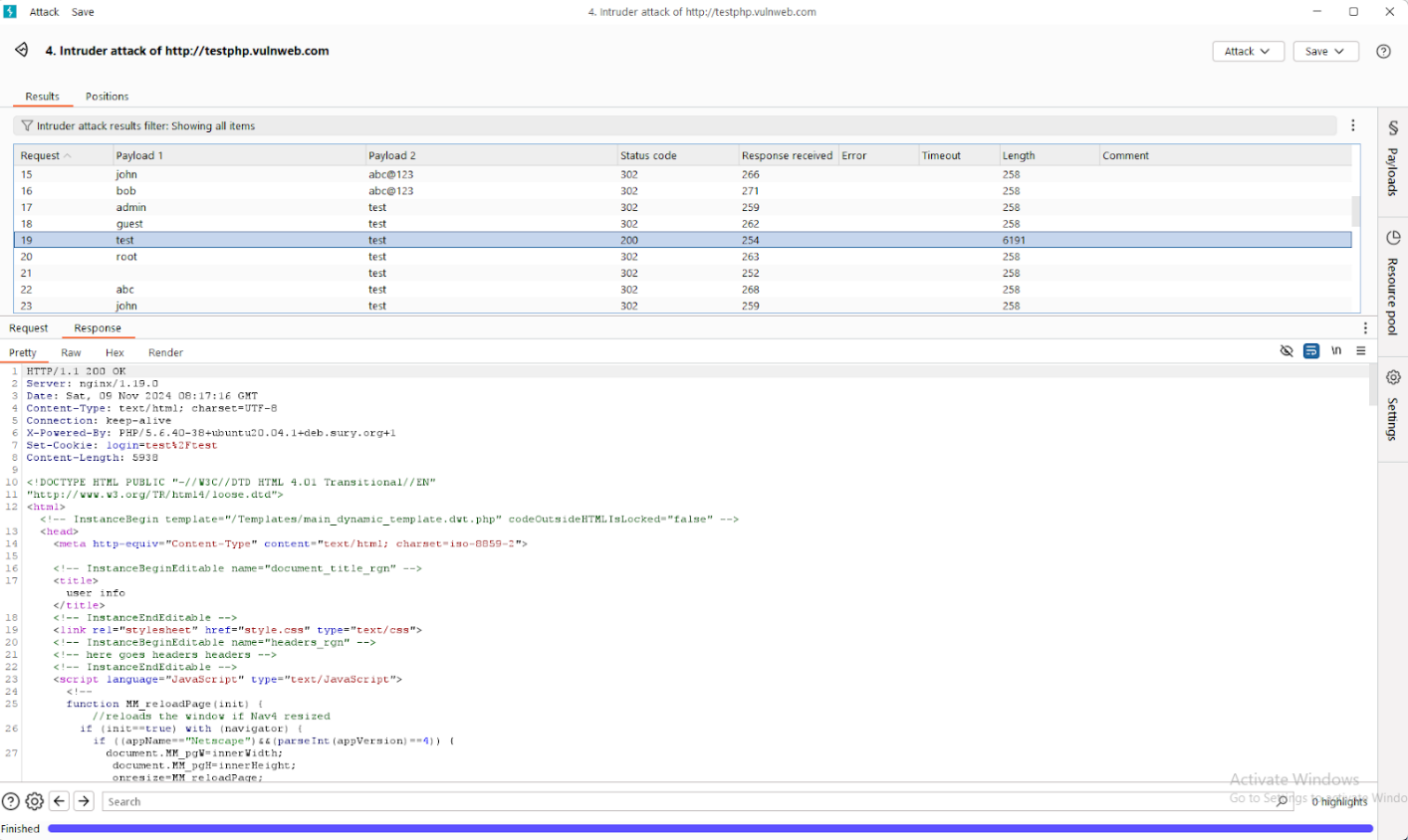


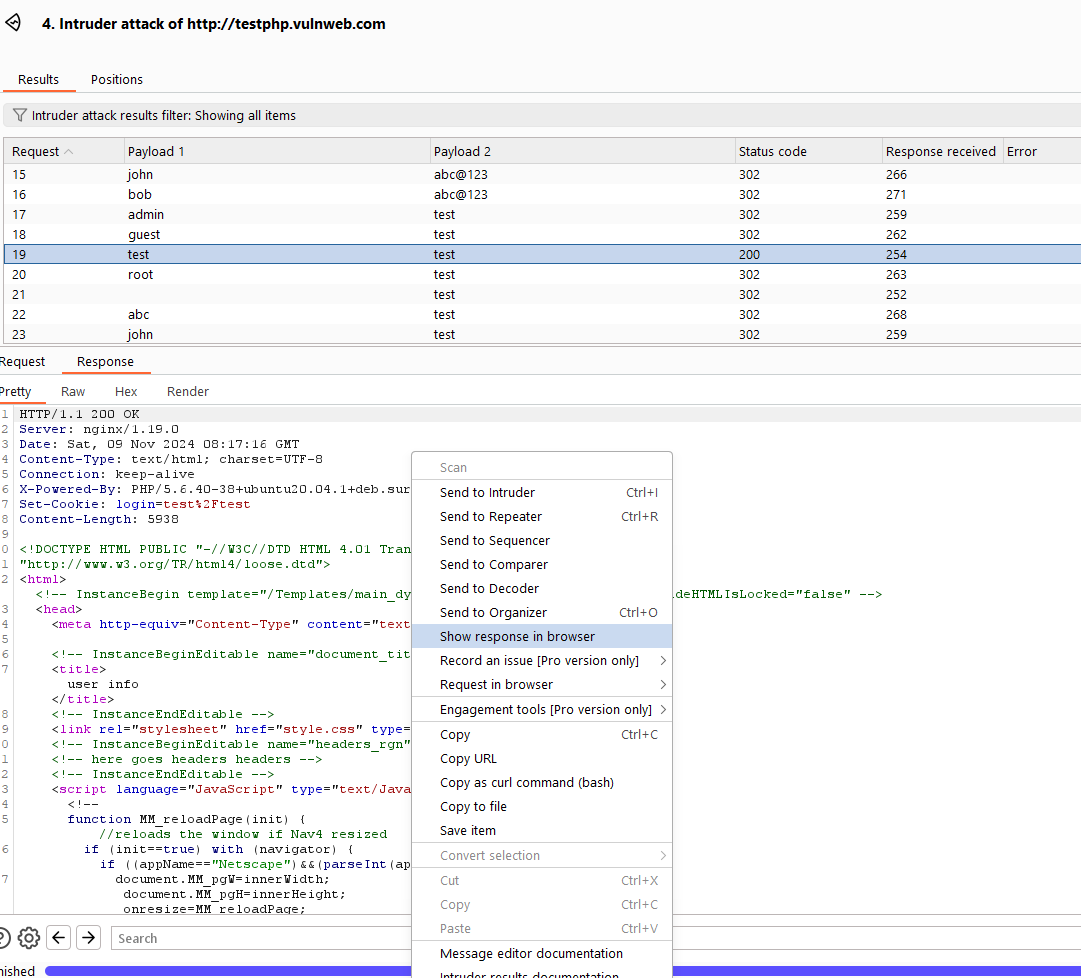


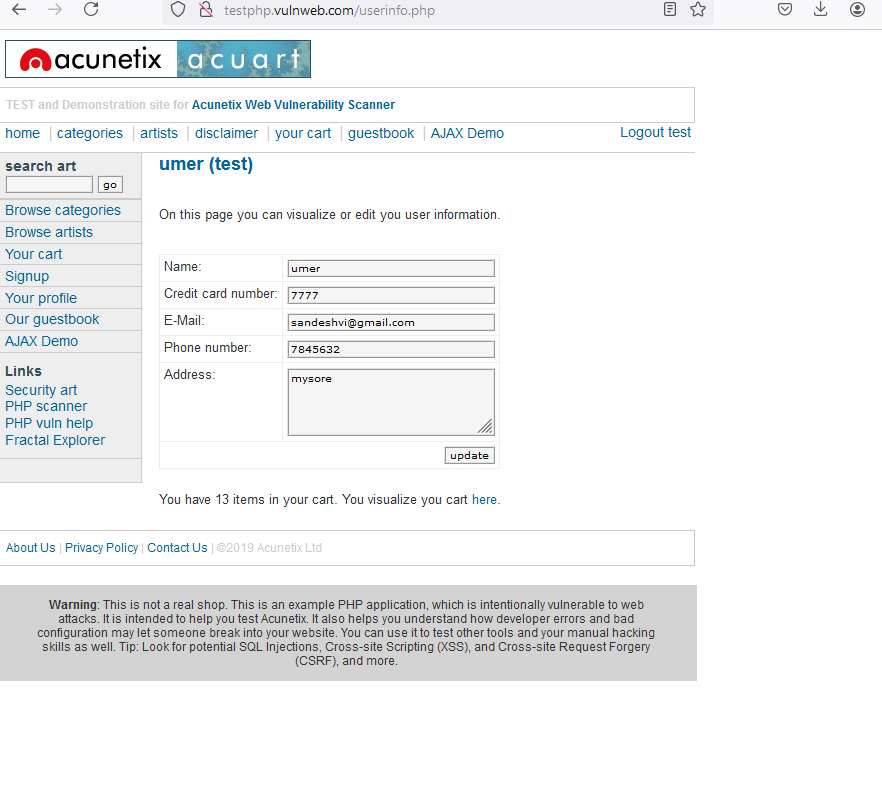


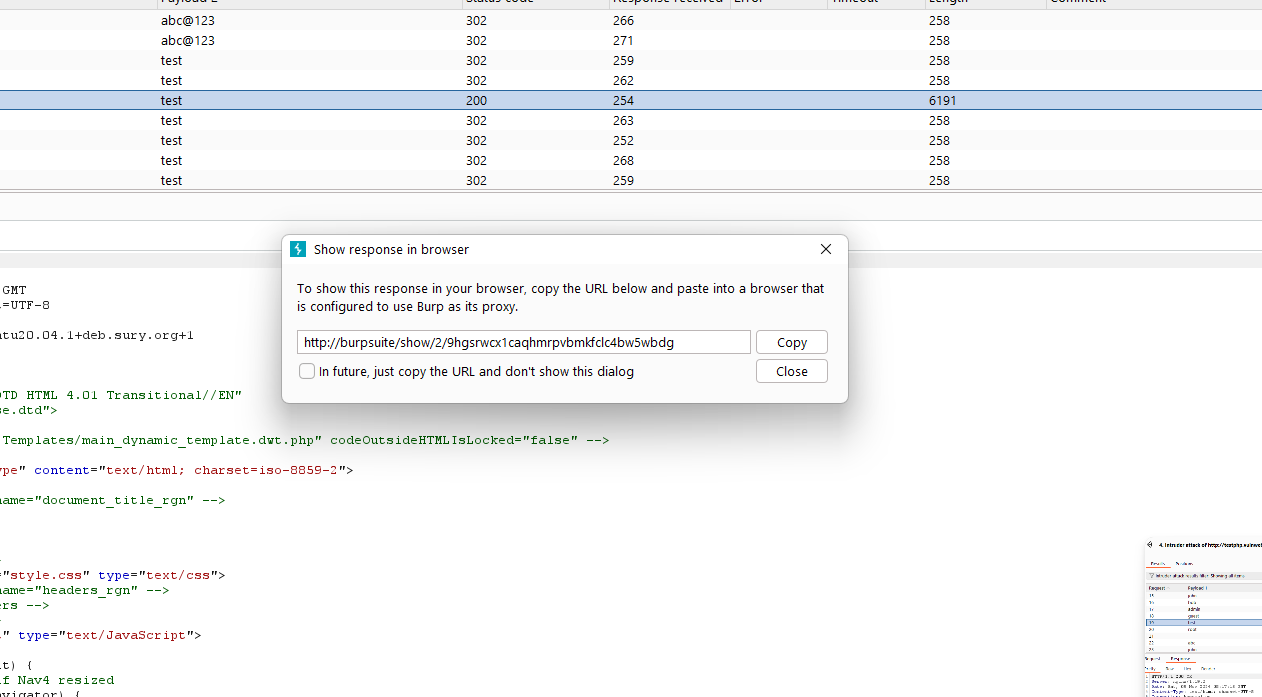






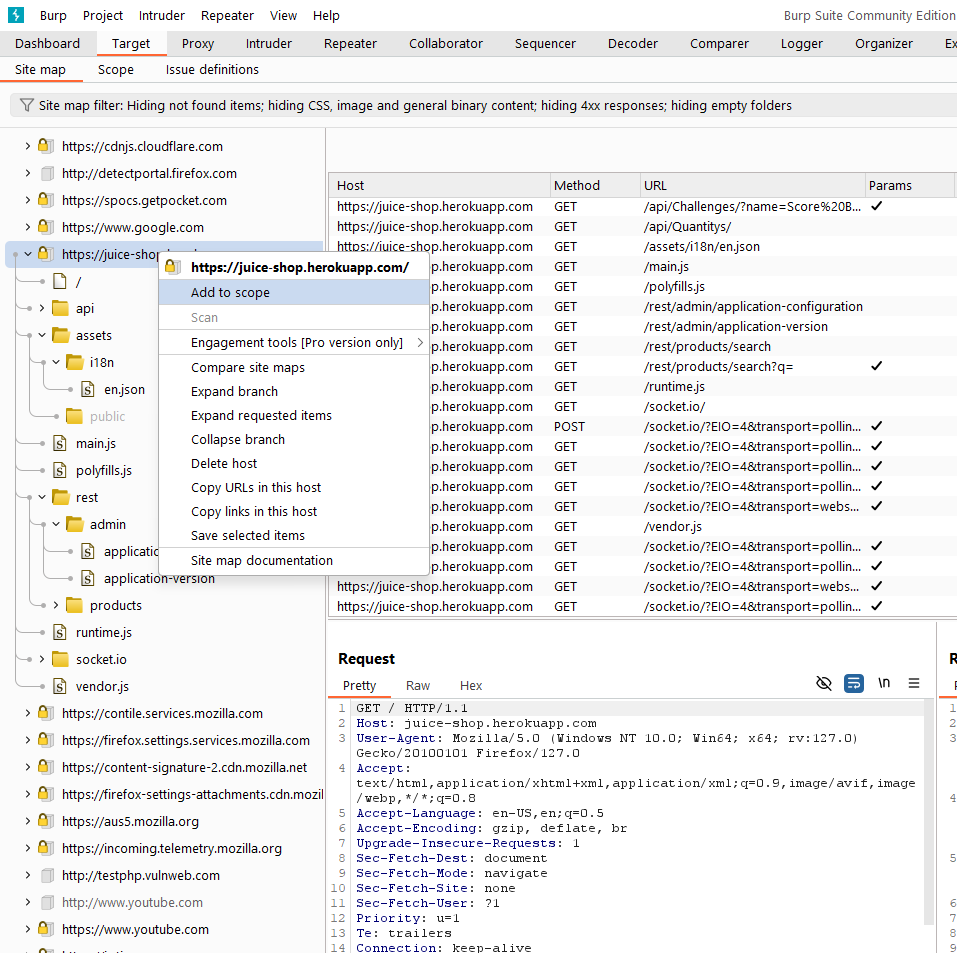


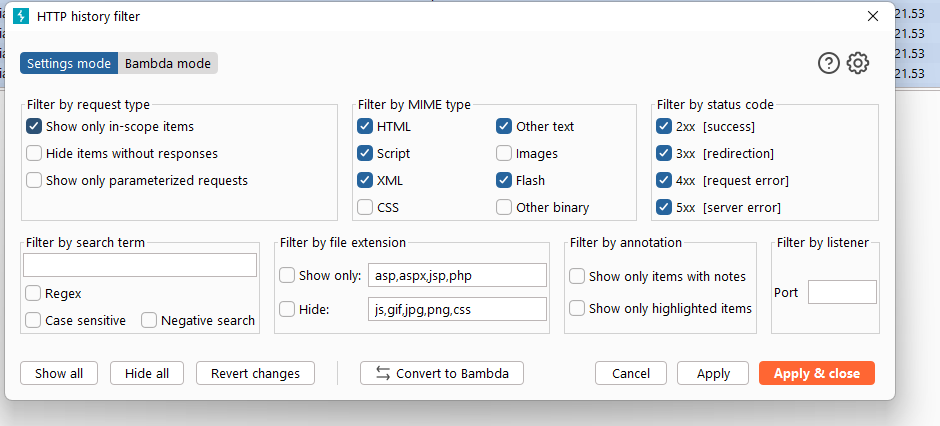


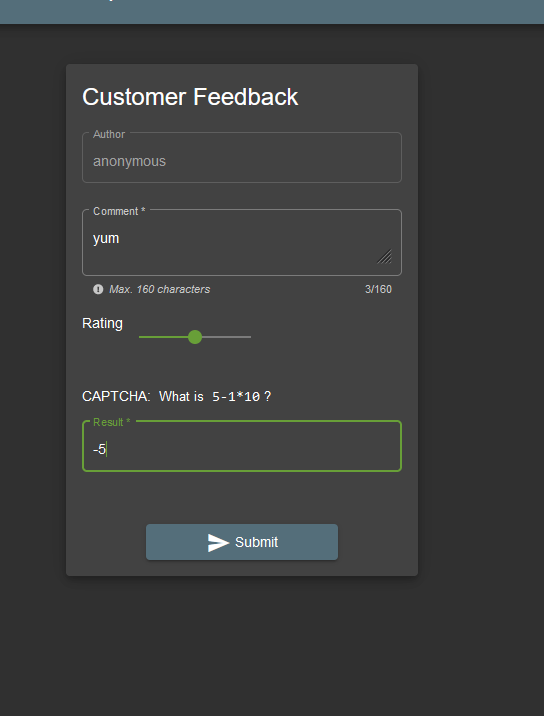


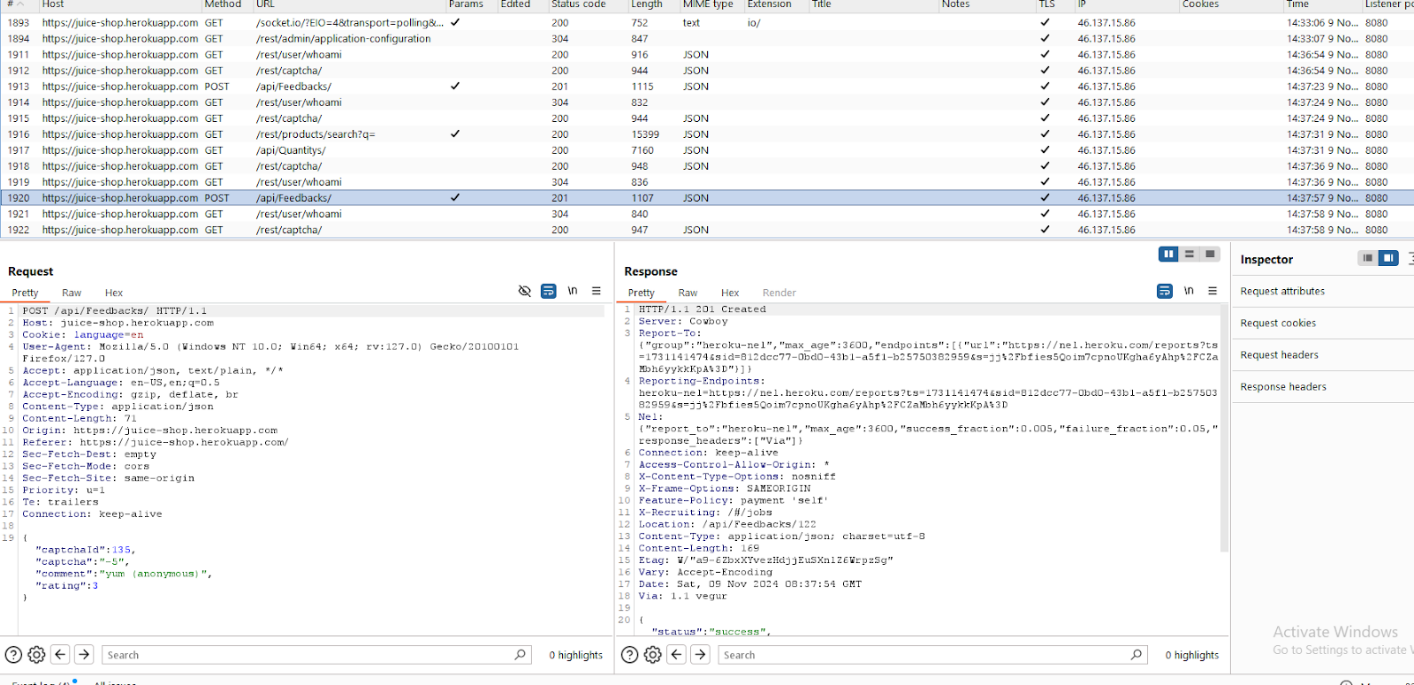
broken access control

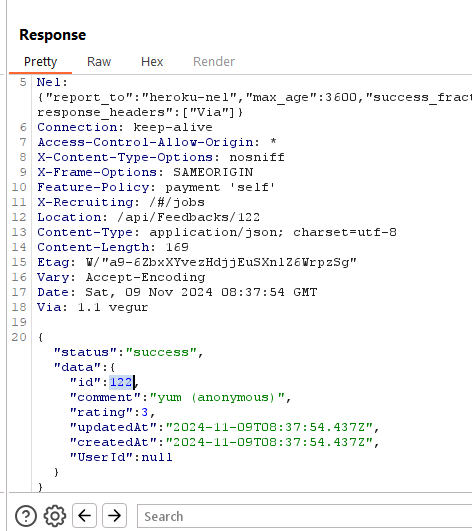
<https://juice-shop.herokuapp.com/#/>

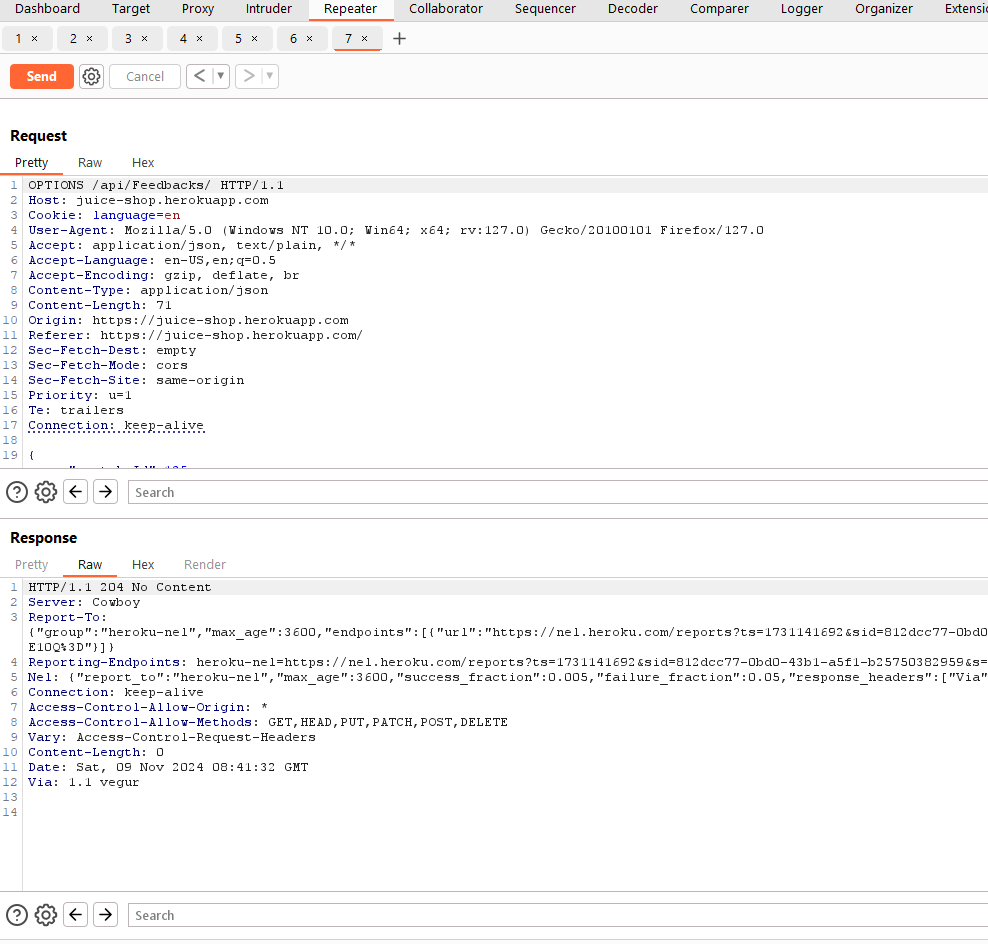






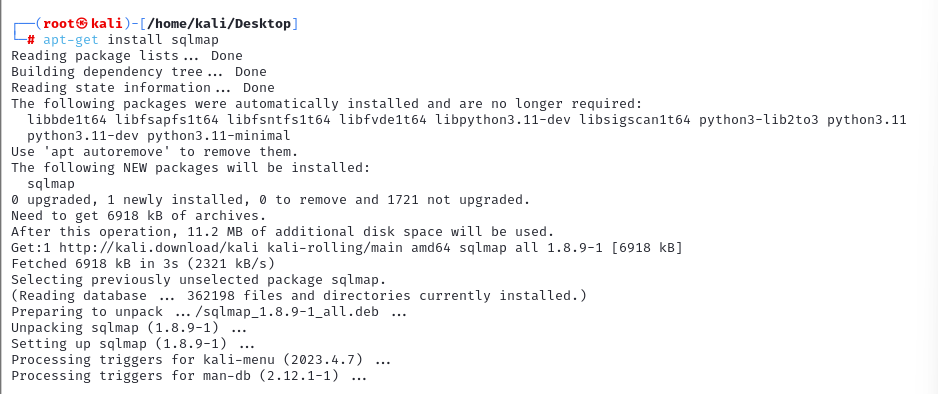




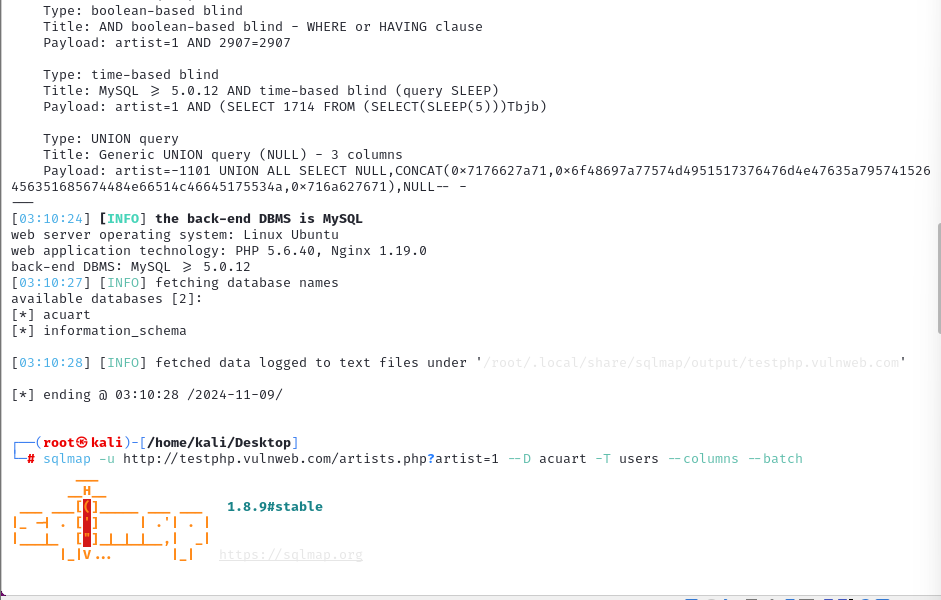


  
You can use GET, DELETE, POST

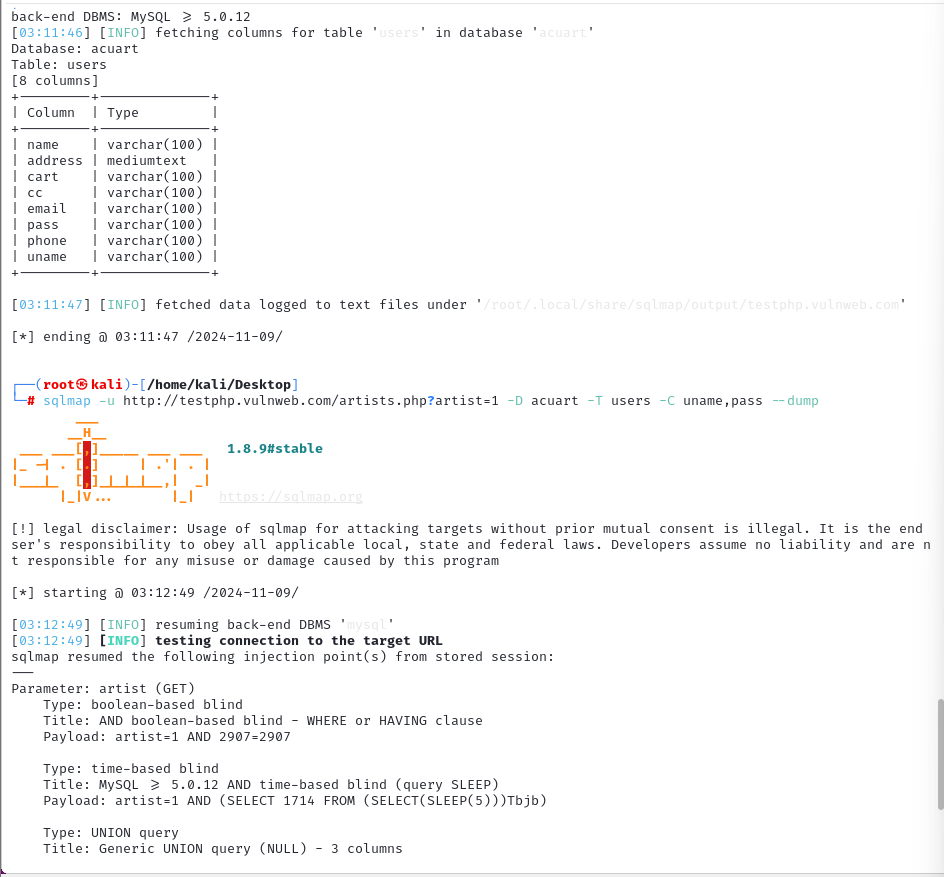
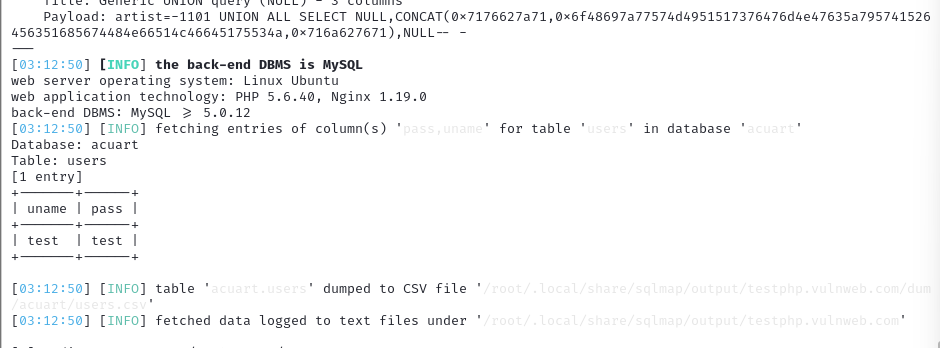
 SQL INJECTION:



 sqlmap -u http://testphp.vulnweb.com/artists.php?artist=1 --dbs --batch





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Least privilege 7. firewall    Crawling: <http://testphp.vulnweb.com/>  Alada alada page ache  then test  Owasp testing guideline  https://lh7-rt.googleusercontent.com/docsz/AD_4nXd_W6DYmUCyQQE0mVKbQps4z9lXg2mWmh-ObzRu-9nKpQ2t9eI4jEQgdkheSxR6Ho7uFLdLikLJPVRP5pgqu1VP8-t1Xl7O-UdJ4cTEW-HYhyfm1pbcCQyD6WFlkaxH5d9KLEtkDhzPHfOBa36A_1oy82Y?key=Vk71agtBjgu2Ts9zXFwT4Q  <https://www.sans.org/top25-software-errors/>  Bug bounty:  Bug crowd  Synack  Hacker one  Yogasha  https://lh7-rt.googleusercontent.com/docsz/AD_4nXfnNDRsZYebhWNzx1fEsR3OJOe5jzjOXaR_IEultTqGVzVngHaPQpsiCnXR8lyMJFzX2oP8Q3U4ssbiE3yD5T3tqjL8YAbD4wFtbczz0T00rp7ZVnERGn4MoqeLuJVnNIKIfXze6xk8_YOjQLT7MBpZMrk?key=Vk71agtBjgu2Ts9zXFwT4Q  https://lh7-rt.googleusercontent.com/docsz/AD_4nXeYmXZJq3N4wGLihomspSVogO3yYLGb3uKSKGQ2MKKfcqKDvjoQ9CCcw7WIBD1zn7-i7fus5J7zetm0llhPZ7xo3SAtA-ZkUME9u-aZ9-meboa29qJVBhcVZVDUf1XD63ngOcotgd4HeuvUUSzrHdDb5VQ?key=Vk71agtBjgu2Ts9zXFwT4Q  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