



Broken Object Level Authorization (BOLA)

Tool Used: Burp Suite

Target: VAmPI API

1) Objective

To identify whether the /users/v1 API endpoint enforces proper authorization by intercepting and manipulating requests using Burp Suite.

2) Environment Setup

Tools

- Kali Linux
- Burp Suite Community
- Browser or curl

Target

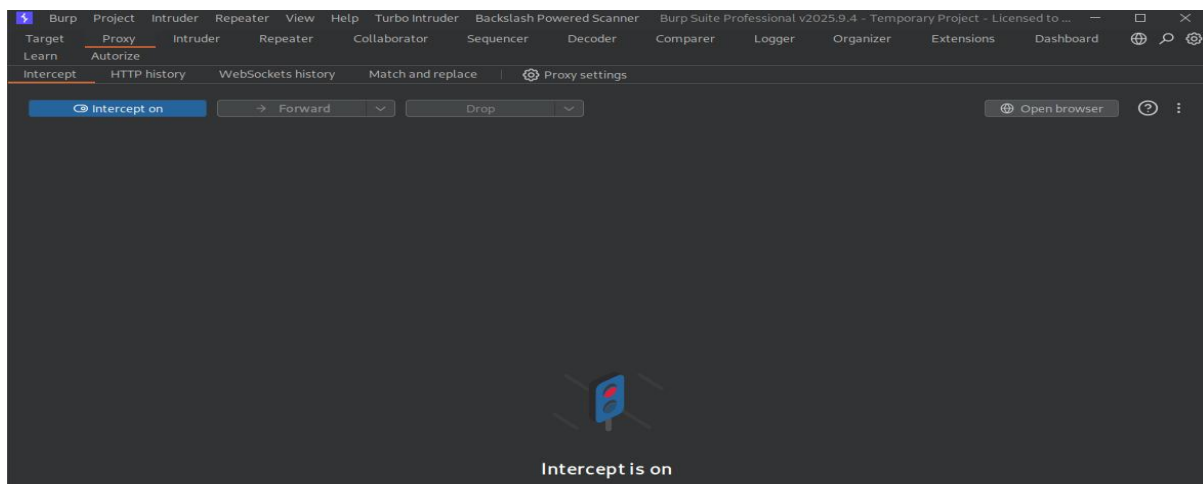
- URL: `http://172.19.0.3:5000`
- Endpoint: `/users/v1`
- Method: GET

3) Configure Burp Suite

Step 1: Launch Burp Suite

Step 2: Enable Proxy Intercept

- Go to Proxy → Intercept
- Click Intercept is ON



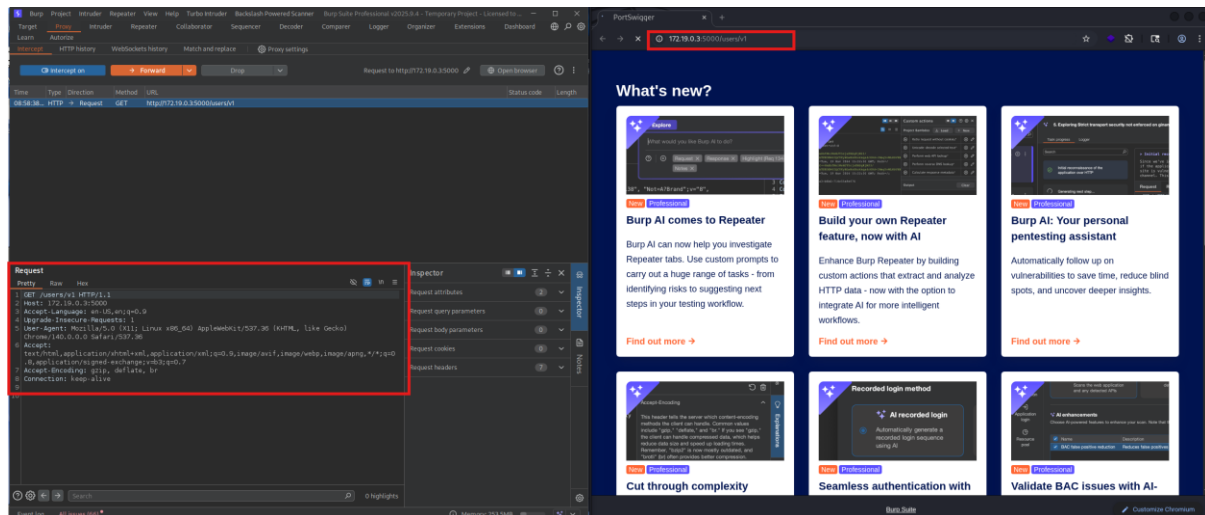


Step 4: Send API Request and Intercepted Request in Burp

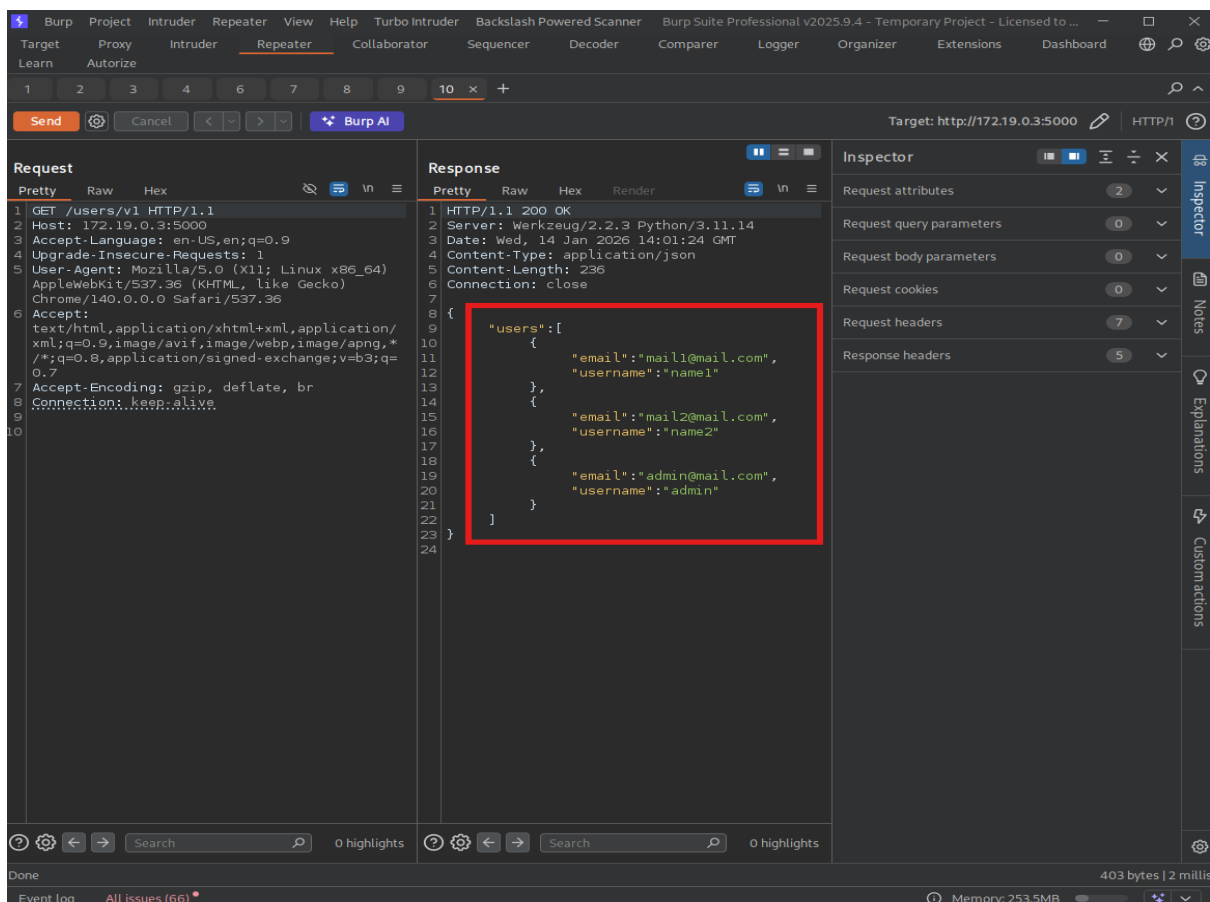
In the browser, access:

<http://172.19.0.3:5000/users/v1>

Burp captures the request:



Step 4: Send API Request to repeater





Step 8: Confirm the Vulnerability

- Request was unauthenticated
- Response returned full user list
- Admin account disclosed