

Marcos Highway 1870 Antipolo, Philippines Email Address: Interment.pmpa@gmail.com Contact Number: 0919-0638-018

TRANSFER OF RIGHT REQUEST

Details:

Transferor Name:	Zenith E Oliveros	
Transferee Name:	Zenith E Oliveros	
Location:	63	
Type of Lot:	Court (8 Lots)	
Date of Transfer:	2024-12-21	
Day of Transfer:	Saturday	
Time of Transfer:	10:00 AM	
Payment Option:	Geash	

Payment Details:

Transfer Fee: ₱ 3,100.99

Notarial Fee: ₱ 250.99

Total Price: ₱ 3,351.98

REQUIREMENTS TO BRING AT THE DATE OF TRANSFER: 2024-12-21

TRANSFEROR/LOT OWNER

- 1. VALID ID WITH CLEAR SIGNATURE
- 3 COPIES WITH 3 SPECIMEN SIGNATURE
- IF MARRIED NEED VALID ID OF SPOUSE
- 3 COPIES WITH 3 SPECIMEN SIGNATURE
- MARRIAGE CONTRACT (PHOTO COPY)

IF SINGLE NEED BIRTH CERTIFICATE (PHOTO COPY)

- IF WIDOW NEED (CERTIFIED TRUE COPY OF DEATH CERTIFICATE)
- IF LOT OWNER DECEASED NEED CERTIFIED TRUE COPY OF DEATH CERTIFICATE
- 3. NOTARIZED DEED OF DEED OF RIGHTS
- 4. NOTARIZED JOINT AFFFIDAVIT OF CONFORMITY
- 5. SURRENDER ORIGINAL CERTIFICATE OF OWNERSHIP OR TITLE

TRANSFEREE

- 1. VALID ID WITH CLEAR SIGNATURE
- 3 COPIES WITH 3 SPECIMEN SIGNATURE
- IF MARRIED NEED VALID ID OF SPOUSE
- 3 COPIES WITH 3 SPECIMEN SIGNATURE - MARRIAGE CONTRACT (PHOTO COPY)
- IF SINGLE NEED BIRTH CERTIFICATE (PHOTO COPY)
- IF WIDOW NEED (CERTIFIED TRUE COPY OF DEATH CERTIFICATE)
- IF LOT OWNER DECEASED NEED CERTIFIED TRUE COPY OF DEATH CERTIFICATE



LEGAL DOCUMENTATION DIVISION ANTIPOLO BRANCH

OFFICIAL REQUEST FORM

		OFFIC	JAL REQUEST FORM		
Date:	Decer	nber, 17, 2024	Reference no:	335	
Name:	Zenit	h E Oliveros	Civil Status:	Married	
Address:	San J	ose			
Contact No.:	09284	1948360	Email:	nickoleibautista@gmail.com	
Project:	VCE	- PROVIDENCE MEM	ORIAL PARK ANTIPOLO		
Block:	Court	t of Serenity - Section -	4 - H - 111 to COS-Section	on4-G109 Lot ID: 63	
A Reques		ER OF RIGHTS			
froi to:	n:	Zenith E Oliveros Zenith E Oliveros			
	enith E	Oliveros 's Signature Over Printed Name)	_	bject for approval. Request Shall not ess requirements are complete.	
Verified by:		Endorsed by:	Recommended b	_	
LDA/LDS		BSM	LDO	LDM	
Date:		Date:	Date:	Date:	
NOTES: (1	to be fill	led up by LDD only)			

AFFIDAVIT OF UNDERTAKING

- I, Zenith E Oliveros, of legal age, Filipino citizen, with residential and postal address at San Jose and Zenith E Oliverosof legal age, Filipino citizen, with residential and postal address at San Jose, under oath, deposes and state, that:
- 1. That I purchased from Sr. Sto. Nino de Cebu Resources and Development Corporation (the 'Company') a parcel of land with house thereon at PROVIDENCE MEMORIAL PARK ANTIPOLO particularly Court of Serenity Section 4 H 111 to COS-Section G109 with OTP# 335 (the Subject 'Property');
- 2. As part of this transaction, I have provided contact information, including but not lomited to email addresses and phone numbers to wit:

Email Address: nickoleibautista@gmail.com

Contact Number: 09284948360

3. That I acknowledge and agree that the contact information provided to the Company will be used solely for the purpose of sending notices and any other correspondence related to the Property. This includesm but is not limited to, updates, maintenance notifications, payment reminders, legal notices, and

any other communication/request deemed necessary but the Company in connection with the Property.

- 4. That I acknowledge that all notices/reminders sent by the contact information provided are deemed received.
- 5. That Furthermore, I acknowledge and agree that the contact information provided to the Company may be used to send request related to the Property. This inclides, but is not limited to, Move-in Request,

Construction Request, Refund Request, Transfer of Rights, Change of Name, Transfer of Lot, and any other communication deemed necessary to the Company in connection with the Property.

- 6. That I acknowledge that all request sent by the contact information provided are binding.
- 7. That I confirm that the contact information provided is accurate and up-to-date. I agree to notify the Company promptly in writing of any changes to the contact information to ensure continuous and accurate communication.
- 9. That I consent to receiving communications form the Company through carious methids, including but

not limited to email, phone calls, and text messages. That I acknowledge that electronic communications may be subkect to risks associated wih electronic transmission, including but not limited to unauthorized access, system failures, and transmission errors.

10. This Undertaking shall remain in effect for the duration of the ownership of the Property or until such

time as the I provide written notice to the Company requesting the cessation of such communications.

11. Finally, I have read and fully understood the contents of this Undertaking and that I have voluntarily affixed my signature above my printed name to confirm all matters stated herein.

In WITNESS HEREOF, I/We have to hereunto set our hande at	,Philippines, on this	
Zenith E Oliveros Affiant		
Amaii		
SIGNED IN THE PRESENCE OF:		

REPUBLIC OF THE PHILIPPINES)______)SS

BEFORE ME, a Notary Public for and	d inthis da	ay of
Personally Appeared:	ID.No/CTC No.:	Date & Place Issued
Zenith E Oliveros	LICENSE ID: D99-999-99	PHILIPPINES
Known to me and to known to be the to me that the same area their own fre		oing instrument and they acknowleged
Doc. No		Notarial Seal

DEED OF TRANSFER OF RIGHTS

KNOW ALL MEN BY THESE PRESENTS:

Republic of the Philipppines City of _______)S.S.

That I, Zenith E Oliveros, of legal age, Filipino citizen, married to Zenith E Oliveros with residential and postal address at San Jose, herein after referred to as the TRANSFEROR

-and-

Zenith E Oliveros of legal age, Filipino citizen, married to Zenith E Oliveros with residential and postal address atSan Jose herein after referred to as the TRANSFEREE.

For and in consideration of Ph 150,000 (ONE HUNDRED FIFTY THOUSAND PESOS ONLY) Total Contract Price and Memorial Maintenance Fund to me in hand paid in fully by TRANSFEREE, do hereby SELL, TRANSFER, AND CONVEY all my rights and interest in the purchaser of Memorial Lot particularly Court of Serenity - Section - 4 - H - 111 to COS-Section4-G109 at Providence Memorial Park, Brgy. Inarawan, Antipolo City, to the said TRANSFEREE, specified in Contract No.63, entered into by me and the Memorial Park owner.

That upon signing of this instrument TRANSFEREE shall be directly responsible for all instrument due payable to the memorial park owner and shall comply with all obligations pertaining

to me and as stipulated in said C	ontract No. 63 and the stipulation	n of the Reservation Application
when not contrary.		
IN WITNESS WHEREOF	F, we have hereunto sign this City	day ofa
Zenith E Oliveros (Transferor)		Zenith E Oliveros (Transferee)
	Zenith E Oliveros Transferor-Spouse	
SIGNED IN PR	OGMENT (REPUBLIC OF THE ESENCE OF (REPUBLIC OF T	HE PHILIPPINES)SS
appeared:	or and inthis	day of personally
Personally Appeared: Zenith E Oliveros	ID.No/CTC No.: LICENSE ID: D99-999-99	Date & Place Issued PHILIPPINES
Zenith E Oliveros	LICENSE ID: R99-55-666	PHILIPPINES
	nown to be the same persons who exthe same are their own free voluntar WITNESS HAND AND SEA	ry act and deed.
	,, , , , , , , , , , , , , , , , , , , ,	
Doc. No		Notarial Seal

JOINT AFFIDAVIT OF CONFORMITY

We, Zenith E Oliveros, of legal age, Filipino citizen, married to Zenith E Oliveros with residential and postal address at San JoseandZenith E Oliverosof legal age, Filipino citizen, married to Zenith E Oliveros with residential and postal address at San Jose, under oath, deposes and state, that:

That this Joint Affidavit refer to a Court (8 Lots) designated as Court of Serenity - Section - 4 - H - 111 to COS-Section4-G109 located at Brgy. Inarawan, Antipolo City consisting of 1 X 2.5 square meters (the

Property) known as PROVIDENCE MEMORIAL PARK - ANTIPOLO developed by Sr. Sto. Nino De Cebu Resources and Development Corporation (SNRDC)(the Developer);

That we jointly and severally undertake to pay the Capital Gains Tax and other taxes that the Government may require due to the transfer of any rights and obligations arising from this transaction;

That we will hold the Sr. Sto. Nino De Cebu Resources and Development Corporation (SNRDC) free and clear of any harm, liability, damage, or cost arising from any action, whether directly or indirectly, taken upon or as a consequence of my execution of this Affidavit;

That we shall be held personally liable to any person, natural or juridical, that may be prejudiced by my representation, in addition to other liabilities, civil or criminal, that may arise therefrom; hereby releasing and discharging the Sr. Sto. Nino De Cebu Resources and Development Corporation (SNRDC) from any and all further obligations in connection with the above.

That we execute this Affidavit freely and voluntarily to attest to the truth of all the foregoing for

whatever legal purpose this may serve.	
IN WITNESS WHEREOF, I have hereunto set	my hand this day of,
at, Philippines.	
Zenith E Oliveros	Zenith E Oliveros
(Affiant)	(Affiant)
Zenith	E Oliveros
Aff	iant-Spouse

ACKNOWLEDGMENT (REPUBLIC OF THE PHILIPPINES)SS

ed	
PHILIPPINES	

BEFORE ME, a Notary Public for and in ______this _____day of _____ personally

All known to me and to known to be the same persons who executed the foregoing instrument and they acknowledged to me that the same are their own free voluntary act and deed.

	WITNESS HAND AND SEAL	
Doc. No	_; ; _;	Notarial Seal



Lab - Attacking a mySQL Database

Objectives

In this lab, you will view a PCAP file from a previous attack against a SQL database.

Part 1: Open Wireshark and load the PCAP file.

Part 2: View the SQL Injection Attack.

Part 3: The SQL Injection Attack continues...

Part 4: The SQL Injection Attack provides system information.

Part 5: The SQL Injection Attack and Table Information

Part 6: The SQL Injection Attack Concludes.

Background / Scenario

SQL injection attacks allow malicious hackers to type SQL statements in a web site and receive a response from the database. This allows attackers to tamper with current data in the database, spoof identities, and miscellaneous mischief.

A PCAP file has been created for you to view a previous attack against a SQL database. In this lab, you will view the SQL database attacks and answer the questions.

Required Resources

CyberOps Workstation virtual machine

Instructions

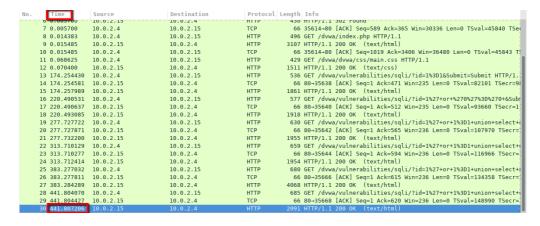
You will use Wireshark, a common network packet analyzer, to analyze network traffic. After starting Wireshark, you will open a previously saved network capture and view a step by step SQL injection attack against a SQL database.

Part 1: Open Wireshark and load the PCAP file.

The Wireshark application can be opened using a variety of methods on a Linux workstation.

- a. Start the CyberOps Workstation VM.
- b. Click **Applications > CyberOPS > Wireshark** on the desktop and browse to the Wireshark application.
- c. In the Wireshark application, click **Open** in the middle of the application under Files.
- d. Browse through the /home/analyst/ directory and search for lab.support.files. In the lab.support.files directory and open the SQL_Lab.pcap file.

e. The PCAP file opens within Wireshark and displays the captured network traffic. This capture file extends over an 8-minute (441 second) period, the duration of this SQL injection attack.



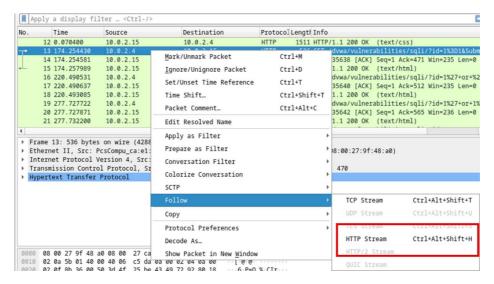
What are the two IP addresses involved in this SQL injection attack based on the information displayed?

Answer: 10.0.2.4 and 10.0.2.15

Part 2: View the SQL Injection Attack.

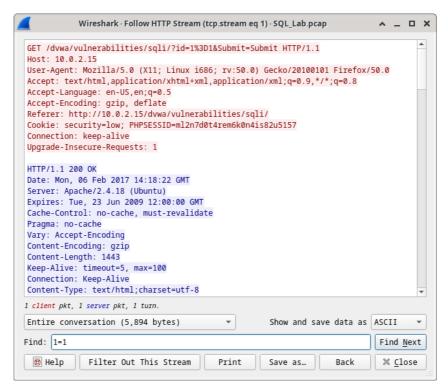
In this step, you will be viewing the beginning of an attack.

a. Within the Wireshark capture, right-click line 13 and select **Follow > HTTP Stream**. Line 13 was chosen because it is a GET HTTP request. This will be very helpful in following the data stream as the application layers sees it and leads up to the query testing for the SQL injection.

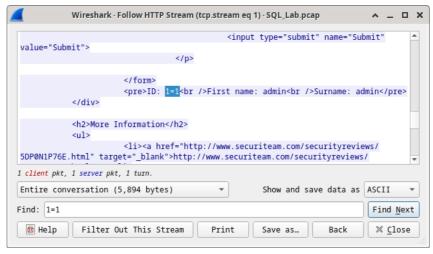


The source traffic is shown in red. The source has sent a GET request to host 10.0.2.15. In blue, the destination device is responding back to the source.

b. In the Find field, enter 1=1. Click Find Next.

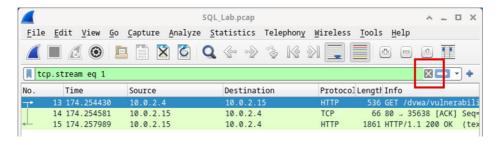


c. The attacker has entered a query (1=1) into a UserID search box on the target 10.0.2.15 to see if the application is vulnerable to SQL injection. Instead of the application responding with a login failure message, it responded with a record from a database. The attacker has verified they can input an SQL command and the database will respond. The search string 1=1 creates an SQL statement that will be always true. In the example, it does not matter what is entered into the field, it will always be true.



d. Close the Follow HTTP Stream window.

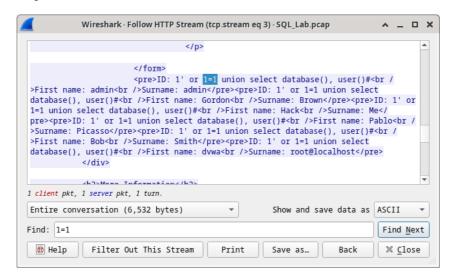
e. Click Clear display filter to display the entire Wireshark conversation.



Part 3: The SQL Injection Attack continues...

In this step, you will be viewing the continuation of an attack.

- a. Within the Wireshark capture, right-click line 19, and click Follow > HTTP Stream.
- b. In the Find field, enter 1=1. Click Find Next.
- c. The attacker has entered a query (1' or 1=1 union select database(), user()#) into a UserID search box on the target 10.0.2.15. Instead of the application responding with a login failure message, it responded with the following information:



The database name is **dvwa** and the database user is **root@localhost**. There are also multiple user accounts being displayed.

- d. Close the Follow HTTP Stream window.
- e. Click Clear display filter to display the entire Wireshark conversation.

Part 4: The SQL Injection Attack provides system information.

The attacker continues and starts targeting more specific information.

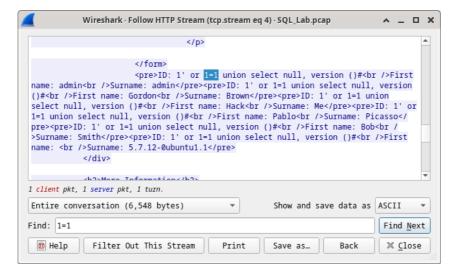
a. Within the Wireshark capture, right-click line 22 and select Follow > HTTP Stream. In red, the source traffic is shown and is sending the GET request to host 10.0.2.15. In blue, the destination device is responding back to the source.

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Page **4** of **7**

www.netacad.com

- b. In the **Find** field, enter **1=1**. Click **Find Next**.
- c. The attacker has entered a query (1' or 1=1 union select null, version ()#) into a UserID search box on the target 10.0.2.15 to locate the version identifier. Notice how the version identifier is at the end of the output right before the .</div> closing HTML code.



What is the version?

Answer: MySQL 5.7.12-0

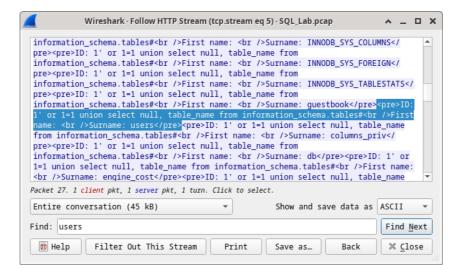
- d. Close the Follow HTTP Stream window.
- e. Click Clear display filter to display the entire Wireshark conversation.

Part 5: The SQL Injection Attack and Table Information.

The attacker knows that there is a large number of SQL tables that are full of information. The attacker attempts to find them.

- a. Within the Wireshark capture, right-click on line 25 and select **Follow > HTTP Stream**. The source is shown in red. It has sent a GET request to host 10.0.2.15. In blue, the destination device is responding back to the source.
- b. In the Find field, enter users. Click Find Next.
- c. The attacker has entered a query (1'or 1=1 union select null, table_name from information_schema.tables#) into a UserID search box on the target 10.0.2.15 to view all the tables in the

database. This provides a huge output of many tables, as the attacker specified "null" without any further specifications.



What would the modified command of (1' OR 1=1 UNION SELECT null, column_name FROM INFORMATION_SCHEMA.columns WHERE table_name='users') do for the attacker?

Answer: The database will respond with much shorter output filtered by occurrences of the word "users".

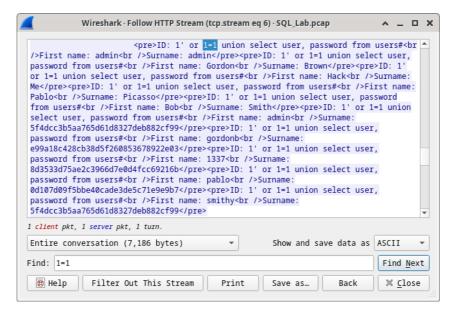
- d. Close the Follow HTTP Stream window.
- e. Click Clear display filter to display the entire Wireshark conversation.

Part 6: The SQL Injection Attack Concludes.

The attack ends with the best prize of all; password hashes.

- a. Within the Wireshark capture, right-click line 28 and select **Follow > HTTP Stream**. The source is shown in red. It has sent a GET request to host 10.0.2.15. In blue, the destination device is responding back to the source
- b. Click **Find** and type in **1=1**. Search for this entry. When the text is located, click **Cancel** in the Find text search box.

The attacker has entered a query (1'or 1=1 union select user, password from users#) into a UserID search box on the target 10.0.2.15 to pull usernames and password hashes!



Which user has the password hash of 8d3533d75ae2c3966d7e0d4fcc69216b?

Answer: Pablo

c. Using a website such as https://crackstation.net/, copy the password hash into the password hash cracker and get cracking.

What is the plain-text password?

Answer: Charley

d. Close the Follow HTTP Stream window. Close any open windows.

Reflection Questions

1. What is the risk of having platforms use the SQL langauge?

Answer: Websites are generally database driven and use the SQL language. The severity of a SQL injection attack is up to the attacker.

2. Browse the internet and perform a search on "prevent SQL injection attacks". What are 2 methods or steps that can be taken to prevent SQL injection attacks?

Answer: Filtering user input, implementing web application firewalls, disabling unnecessary database features/capabilities, monitoring SQL statements, using parameters with stored procedures, and using parameters with dynamic SQL

```
newhost: " sudo zypper install mariadb mariadb-tools
Loading repository data...
Reading installed packages...
"mariadb' is a leready installed.
No update candidate for "mariadb-10.11.9-150600.4.6.1.x86_64". The highest available version is already installed.
Resolving package dependencies...
          e following 3 NEW packages are going to be installed:
mariadb-tools perl-DBD-mysql perl-DBI
     new packages to install.
verall download size: 7.1 MiB. Already cached: 0 B. After the operation, additional 48.9 MiB will be used.
        ckend: classic_rpntrams
ntimer {y/n/w/..., shows all options1 (y): y
trieving: per-1DBI-1.642-3.9.1.x66.64 (Main Repository)
trieving: per-1DBI-1.642-3.9.1.x66.64 rpn
trieving: per-1DBI-9usql-4.046-3.3.1.x86.64 rpn
trieving: per-1DBI-9usql-4.046-3.3.1.x86.64 rpn
trieving: per-1DBI-9usql-4.046-3.3.1.x86.64 rpn
trieving: per-1DBI-9usql-4.046-3.3.1.x86.64 rpn
trieving: per-1DBI-9usql-1.046-3.3.1.x86.64 rpn
trieving: per-1DBI-9usql-1.046-3.1.x86.64 rpn
trieving: per-1DBI-9usql-1.046-3.1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (1/3), 740.5 KiB
...ldone (769.9 KiB/s)]
(2/3), 154.0 KiB
..ldone (1002.8 KiB/s)]
(3/3), 6.2 MiB
....[done (16.8 MiB/s)]
Checking for file conflict. 11.73-150609.4.6.1.x86_64.rpm .
(1/3) Installing: perl-DBI-1.642-3.9.1.x86_64
(2/3) Installing: perl-DBD-mysql-4.046-3.3.1.x86_64
(2/3) Installing: nariadb-tools-10.11.9-150609.4.6.1.x86_64
newhost: #
            All done! If you've completed all of the above steps, your MariaDB installation should now be secure.
           Thanks for using HariaDB!
neuhort: "H musql -u root -p
Enter passuord:
Welcome to the HariaDB monitor. Commands end with ; or Ng.
Your MariaDB connection id is 14
Server version: 10.11.9-HariaDB MariaDB package
           Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
            Type 'help:' or '\h' for help. Type '\c' to clear the current input statement.
           MariaDB [(none)]> create database my_database
            Query OK, 1 row affected (0.003 sec)
           MariaDB [(none)]> CREATE DATABASE my_database;
ERRUR 1007 (HY000): Can't create database 'my_database'; database exists
MariaDB [(none)]> CREATE DATABASE test_database;
Query OK, 1 row affected (0.000 sec)
              MariaDB [(none)]> CREATE DATABASE test_database
            ->;
ERBRN 1007 (HY000): Can't create database 'test_database'; database exists
HariaNB [(unnel]) use test_database
Database Changed
MariaNB [test_database]) create table my_table
           ->;
ERBRR 1664 (42800): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'dexit' at line Z
MariaDB (test_database)> create table my_table (id INT AUTO_INCREMENT PRIMARY KEY, name VARCHAR(180) NOT NULL, age INT NOT NULL, email VARCHAR(180));
Query OK, 0 rows affected (0.035 sec)
```

exit' at line 2
MariaBB (test_database) create table my_table (id INT AUTO_INCREMENT PRIMARY KEY, name VABCHAR(100) NOT NULL, age INT NOT NULL, email VABCHAR(100));
Query OK. 0 rows affected (0.035 sec)

MariaBB (test_database): INSERT INTO my_table (name,age,email) VALUES ('Alice', 30, 'alice@gmail.com'), ('Bailley', 21, 'nickoleibautista@gmail.com'), ('Uince', 21, 'railleujickoleibautista@gmail.com'), ('Uince', 21, 'railleujicko

-> ->

->

MariaDB [test_database]>

```
| Name | Dot of fun. | Name |
```

```
Enter current password for root (enter for none):
OK, successfully used password, moving on...
       Setting the root password or using the unix_socket ensures that nobody can log into the MariaDB root user without the proper authorisation.
       You already have your root account protected, so you can safely answer 'n'.
       Switch to unix_socket authentication [Y/n] y
Enabled successfully!
Reloading privilege tables..
... Success!
       You already have your root account protected, so you can safely answer 'n'
       Change the root password? [Y/n] n
... skipping.
      By default, a MariaDB installation has an anonymous user, allowing anyone to log into MariaDB without having to have a user account created for them. This is intended only for testing, and to make the installation go a bit smoother. You should remove then before moving into a production environment.
       Remove anonymous users? [Y/n] n
... skipping.
       Normally, root should only be allowed to connect from 'localhost'. This ensures that someone cannot guess at the root password from the network.
       Disallow root login remotely? [Y/n] n
... skipping.
      By default, MariaDB comes with a database named 'test' that anyone can access. This is also intended only for testing, and should be removed before nowing into a production environment.
          emove test database and access to it? [Y/n] y
- Dropping test database...
... Success!
        ... Success!

- Removing privileges on test database...
... Success!
       Reloading the privilege tables will ensure that all changes made so far
will take effect immediately.
       Reload privilege tables now? [Y/n] y_
newhost: # sudo zypper install samba
Loading repository data...
Reading installed packages...
Resolving package dependencies...
   he following package is suggested, but will not be installed:
systemd-sysucompat
```

he following 21 MEW packages are going to be installed:
libsanba-policyO-python3 liburing1 perl-Crypt-SmbHash perl-Digest-MD4 perl-XML-LibXML perl-XML-ManespaceSupport perl-XML-SAX perl-XML-SAX-Base python3-ldb
python3-tallo: python3-tab python3-tevent samba samba-client samba-dcerpc samba-libs samba-libs-python3 samba-python3 yastZ-python3-bindings
yastZ-samba-client yastZ-samba-server

Nackend: classic_rpstrans	(p): y	(1/22), 24.3 kiB
Retriecting: liburing1-0.6-2.1 x86.6 d (fdsin Repository)	(1/22), 24.3 kiB	
Retriecting: liburing1-0.6-2.1 x86.6 d (fdsin Repository)	(1/23), 24.3 kiB	
Retriecting: liburing1-0.6-2.1 x86.6 d (fdsin Repository)	(1/22), 2.9 kiB	
Retriecting: perl-Digest-HD-1.9-1.28 x86.6 d (fdsin Repository)	(2/22), 2.9 kiB	
Retriecting: perl-Digest-HD-1.9-1.28 x86.6 d (fdsin Repository)	(1/22), 2.9 kiB	
Retriecting: perl-Digest-HD-1.9-1.28 x86.6 d (fdsin Repository)	(1/22), 2.6 x kiB	
Retriecting: perl-MIL-NacespaceSupport-1.12-1.24 nearch (fdsin Repository)	(1/22), 2.8 kiB	
Retriecting: perl-MIL-NacespaceSupport-1.12-1.24 nearch.rpn	(1/22), 2.8 kiB	
Retriecting: perl-MIL-SNA-Base-1.09-1.25 nearch (fdsin Repository)	(1/22), 2.3 x kiB	
Retriecting: perl-MIL-SNA-Base-1.09-1.25 nearch.rpm	(1/22), (1/22),	

🔞 🙆 🗽 🗸 🏕 🗐 🗇 🚑 🔻 🖪 Dight

package to upgrade, 21 new. verall download size: 12.4 MiB. Already cached: 0 B. After the operation, additional 35.4 MiB will be used.

file Machine View Input Devices Help Luen't set the root password yet, you should just press enter here.

```
smbpasswd [options] [username]
otherwise:
       smbpasswd [options]
options:
   –L
–h
                                          local mode (must be first option)
                                         print this usage message
-h print this usage message
-s use stdin for password prompt
-c smb.conf file Use the given path to the smb.conf file
-D LEVEL debug level
-r MACHINE remote machine
-U USER remote username (e.g. SAM/user)
extra options when run by root or in local mode:
-a add user
                                         disable user
   -е
-і
                                         enable user
                                         interdomain trust account
machine trust account
set no password
use stdin ldap admin password
   –n
–⊌
   −w PASSWORD
                                         ldap admin password
                                         delete user
-R ORDER name resolve of newhost: # sudo smbpasswd -a user 2
When run by root:
smbpasswd [options] [username]
                                         name resolve order
otherwise:
       smbpasswd [options]
options:
                                          local mode (must be first option)
                                         print this usage message
                                         use stdin for password prompt
Use the given path to the smb.conf file
   -c smb.conf file
-D LEVEL
-D LEVEL debug level
-r MACHINE remote machine
-U USER remote username (e.g. SAM/user)
extra options when run by root or in local mode:
-a add user
                                         disable user
    -d
                                         enable user
                                         interdomain trust account
machine trust account
set no password
use stdin ldap admin password
    –n
–⊌
    −w PASSWORD
                                          ldap admin password
   -x
-r order
                                         delete user
                                          name resolve order
```

```
-R ORDER

newhost:  # sudo mkdir -p /srv/samba/shared1

newhost:  # sudo mkdir -p /srv/samba/shared2

newhost:  # sudo mkdir -p /srv/samba/shared3

newhost:  # sudo chowd -R :group1 /srv/samba/shared1

sudo: chowd: command not found

newhost:  # sudo chown -R :group1 /srv/samba/shared1

newhost:  # sudo chown -R :group1 /srv/samba/shared1

newhost:  # sudo chown -R :group2 /srv/samba/shared2

newhost:  # sudo chown -R :group2 /srv/samba/shared2

newhost:  # sudo chown -R :group1 /srv/samba/shared3

newhost:  # sudo chown -R :group2 /srv/samba/shared3
```

```
comment = Network Profiles Service
         path = %H
         read only = No
         store dos attributes = Yes
         create mask = 0600
         directory mask = 0700
[users]
         comment = All users
         path = /home
         read only = No
         inherit acls = Yes
         veto files = /aquota.user/groups/shares/
[groups]
         comment = All groups
         path = /home/groups read only = No
         inherit acls = Yes
[printers]
         comment = All Printers
         path = /var/tmp
         printable = Yes
create mask = 0600
         browseable = No
[print$]
         comment = Printer Drivers
         path = /var/lib/samba/drivers
write list = @ntadmin root
         force group = ntadmin
create mask = 0664
         directory mask = 0775
[shared1]
         path = /srv/samba/shared1
valid users = @group1
         read only = no
[shared2]
         path = /srv/samba/shared2
valid users = @group2
         read only = no
[shared3]
         path = /srv/samba/shared3
         valid users = @group1, @group2
         read only = no
```

```
read only = No
    veto files = /aquota.user/groups/shares/

[groups]
    comment = All groups
    inherit acls = Yes
    path = /hone/groups
    read only = No

[printers]
    browseable = No
    comment = All Printers
    create mask = 0600
    path = /uar/tmp
    printable = Yes

[print$]
    comment = Printer Drivers
    create mask = 0664
    directory mask = 0775
    force group = mtadmin
    path = /uar/lib/samba/drivers
    write list = @ntadmin root

[shared1]
    path = /sru/samba/shared1
    read only = No
    valid users = @group1

[shared2]
    path = /sru/samba/shared2
    read only = No
    valid users = @group2

[shared3]
    path = /sru/samba/shared3
    read only = No
    valid users = @group1 @group2
```

Installing php in opensuse

```
| http://doi.org/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.1007/10.10
```

```
newhost: # php -v
PHP 7.4.33 (cli) (built: Oct 11 2024 12:00:00) ( NTS )
Copyright (c) The PHP Group
Zend Engine v3.4.0, Copyright (c) Zend Technologies
with Zend OPcache v7.4.33, Copyright (c), by Zend Technologies
newhost: #
```

```
$servername = "localhost";
$username = "railley@newhost";
$password = "railley";
$dbmane = "sampledb";

$conn = new mysqli($servername, $username, $password, $dbmane);

if ($conn -> connect_error)
{
    echo("Connection Failed:".$conn->connect_error);
}

echo "Table Details";
$sql = "select * from Users";
$result = $conn -> query($sql);

if ($result->num_rows>0)
{
    while($row = result->fetch_assoc())
    {
        ccho "UserID: ".$row['UserID'].
}

plelse
    {
        echo "no results";
}

$conn->close();
?)
```

```
Lates and the content of the content
```



Lab - Attacking a mySQL Database

Objectives

In this lab, you will view a PCAP file from a previous attack against a SQL database.

Part 1: Open Wireshark and load the PCAP file.

Part 2: View the SQL Injection Attack.

Part 3: The SQL Injection Attack continues...

Part 4: The SQL Injection Attack provides system information.

Part 5: The SQL Injection Attack and Table Information

Part 6: The SQL Injection Attack Concludes.

Background / Scenario

SQL injection attacks allow malicious hackers to type SQL statements in a web site and receive a response from the database. This allows attackers to tamper with current data in the database, spoof identities, and miscellaneous mischief.

A PCAP file has been created for you to view a previous attack against a SQL database. In this lab, you will view the SQL database attacks and answer the questions.

Required Resources

• CyberOps Workstation virtual machine

Instructions

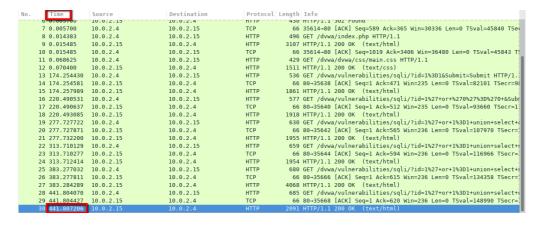
You will use Wireshark, a common network packet analyzer, to analyze network traffic. After starting Wireshark, you will open a previously saved network capture and view a step by step SQL injection attack against a SQL database.

Part 1: Open Wireshark and load the PCAP file.

The Wireshark application can be opened using a variety of methods on a Linux workstation.

- a. Start the CyberOps Workstation VM.
- b. Click **Applications > CyberOPS > Wireshark** on the desktop and browse to the Wireshark application.
- c. In the Wireshark application, click **Open** in the middle of the application under Files.
- d. Browse through the /home/analyst/ directory and search for lab.support.files. In the lab.support.files directory and open the SQL_Lab.pcap file.

e. The PCAP file opens within Wireshark and displays the captured network traffic. This capture file extends over an 8-minute (441 second) period, the duration of this SQL injection attack.



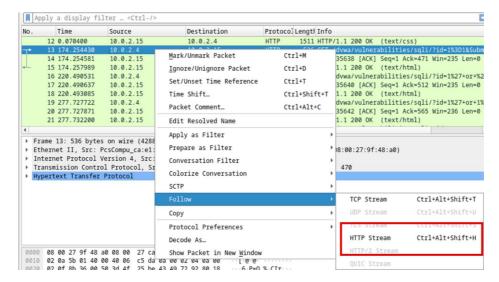
What are the two IP addresses involved in this SQL injection attack based on the information displayed?

Answer: 10.0.2.4 and 10.0.2.15

Part 2: View the SQL Injection Attack.

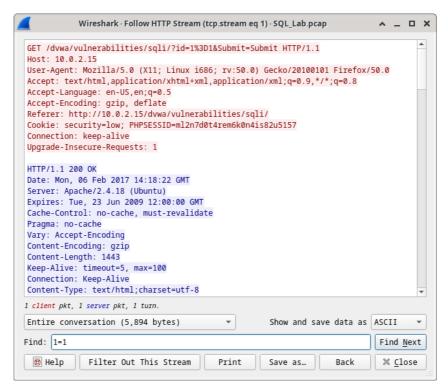
In this step, you will be viewing the beginning of an attack.

a. Within the Wireshark capture, right-click line 13 and select **Follow > HTTP Stream**. Line 13 was chosen because it is a GET HTTP request. This will be very helpful in following the data stream as the application layers sees it and leads up to the query testing for the SQL injection.

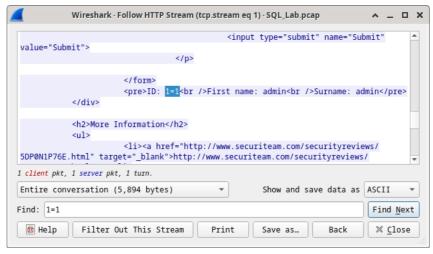


The source traffic is shown in red. The source has sent a GET request to host 10.0.2.15. In blue, the destination device is responding back to the source.

b. In the Find field, enter 1=1. Click Find Next.

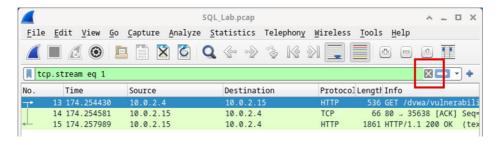


c. The attacker has entered a query (1=1) into a UserID search box on the target 10.0.2.15 to see if the application is vulnerable to SQL injection. Instead of the application responding with a login failure message, it responded with a record from a database. The attacker has verified they can input an SQL command and the database will respond. The search string 1=1 creates an SQL statement that will be always true. In the example, it does not matter what is entered into the field, it will always be true.



d. Close the Follow HTTP Stream window.

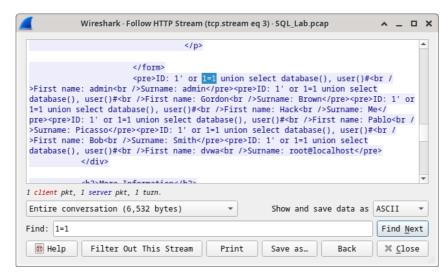
e. Click Clear display filter to display the entire Wireshark conversation.



Part 3: The SQL Injection Attack continues...

In this step, you will be viewing the continuation of an attack.

- a. Within the Wireshark capture, right-click line 19, and click Follow > HTTP Stream.
- b. In the Find field, enter 1=1. Click Find Next.
- c. The attacker has entered a query (1' or 1=1 union select database(), user()#) into a UserID search box on the target 10.0.2.15. Instead of the application responding with a login failure message, it responded with the following information:



The database name is **dvwa** and the database user is **root@localhost**. There are also multiple user accounts being displayed.

- d. Close the Follow HTTP Stream window.
- e. Click Clear display filter to display the entire Wireshark conversation.

Part 4: The SQL Injection Attack provides system information.

The attacker continues and starts targeting more specific information.

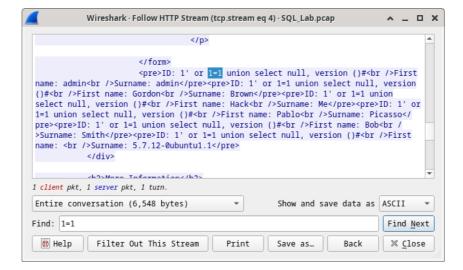
a. Within the Wireshark capture, right-click line 22 and select Follow > HTTP Stream. In red, the source traffic is shown and is sending the GET request to host 10.0.2.15. In blue, the destination device is responding back to the source.

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Page **4** of **7**

www.netacad.com

- b. In the Find field, enter 1=1. Click Find Next.
- c. The attacker has entered a query (1' or 1=1 union select null, version ()#) into a UserID search box on the target 10.0.2.15 to locate the version identifier. Notice how the version identifier is at the end of the output right before the .</div> closing HTML code.



What is the version?

Answer: MySQL 5.7.12-0

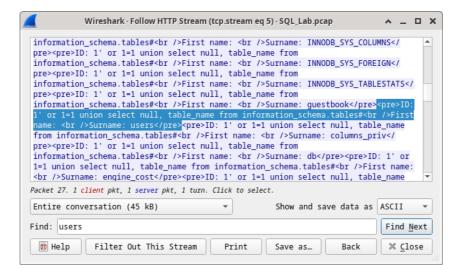
- d. Close the Follow HTTP Stream window.
- e. Click Clear display filter to display the entire Wireshark conversation.

Part 5: The SQL Injection Attack and Table Information.

The attacker knows that there is a large number of SQL tables that are full of information. The attacker attempts to find them.

- a. Within the Wireshark capture, right-click on line 25 and select **Follow > HTTP Stream**. The source is shown in red. It has sent a GET request to host 10.0.2.15. In blue, the destination device is responding back to the source.
- b. In the Find field, enter users. Click Find Next.
- c. The attacker has entered a query (1'or 1=1 union select null, table_name from information_schema.tables#) into a UserID search box on the target 10.0.2.15 to view all the tables in the

database. This provides a huge output of many tables, as the attacker specified "null" without any further specifications.



What would the modified command of (1' OR 1=1 UNION SELECT null, column_name FROM INFORMATION_SCHEMA.columns WHERE table_name='users') do for the attacker?

Answer: The database will respond with much shorter output filtered by occurrences of the word "users".

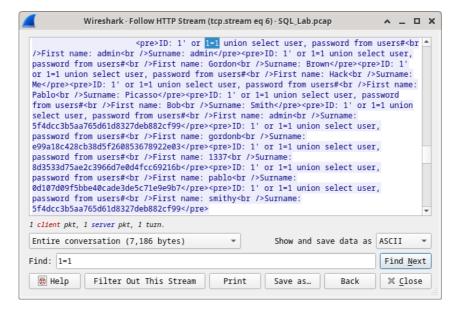
- d. Close the Follow HTTP Stream window.
- e. Click Clear display filter to display the entire Wireshark conversation.

Part 6: The SQL Injection Attack Concludes.

The attack ends with the best prize of all; password hashes.

- a. Within the Wireshark capture, right-click line 28 and select **Follow > HTTP Stream**. The source is shown in red. It has sent a GET request to host 10.0.2.15. In blue, the destination device is responding back to the source
- b. Click **Find** and type in **1=1**. Search for this entry. When the text is located, click **Cancel** in the Find text search box.

The attacker has entered a query (1'or 1=1 union select user, password from users#) into a UserID search box on the target 10.0.2.15 to pull usernames and password hashes!



Which user has the password hash of 8d3533d75ae2c3966d7e0d4fcc69216b?

Answer: Pablo

c. Using a website such as https://crackstation.net/, copy the password hash into the password hash cracker and get cracking.

What is the plain-text password?

Answer: Charley

d. Close the Follow HTTP Stream window. Close any open windows.

Reflection Questions

1. What is the risk of having platforms use the SQL langauge?

Answer: Websites are generally database driven and use the SQL language. The severity of a SQL injection attack is up to the attacker.

2. Browse the internet and perform a search on "prevent SQL injection attacks". What are 2 methods or steps that can be taken to prevent SQL injection attacks?

Answer: Filtering user input, implementing web application firewalls, disabling unnecessary database features/capabilities, monitoring SQL statements, using parameters with stored procedures, and using parameters with dynamic SQL