

Name:GANESH GOWDA

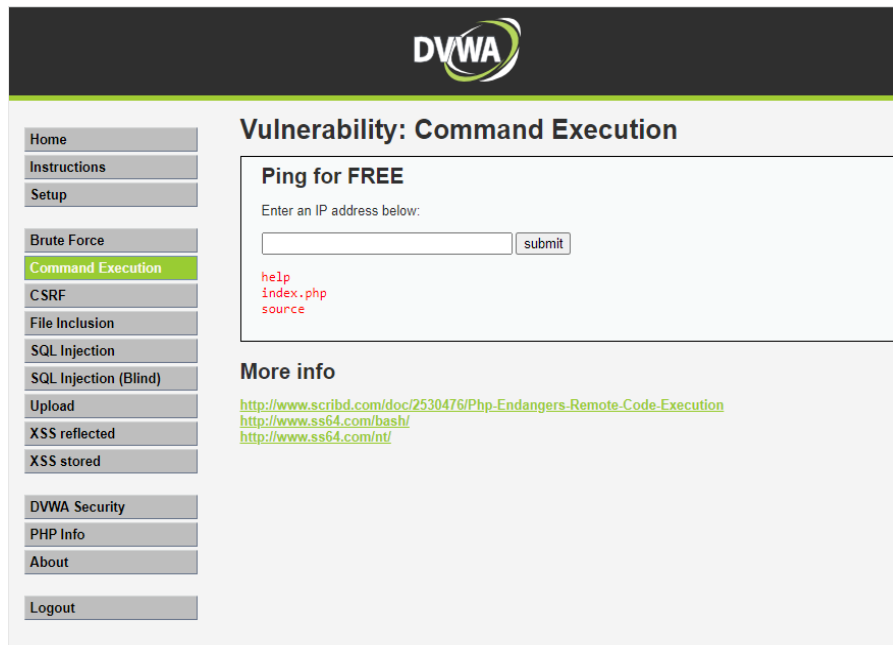
Date:13.03.2023

Task: 3

1.commands execution vulnerability:

A command execution vulnerability, also known as a command injection vulnerability, is a type of security vulnerability that occurs when an attacker is able to execute unauthorized commands on a target system or application. This vulnerability arises when an application allows user-supplied input to be executed as a command by the operating system or application without proper validation or sanitization.

Low



The screenshot shows the DVWA web application interface. At the top, there is a dark header with the DVWA logo. Below the header, a sidebar on the left contains a list of navigation links: Home, Instructions, Setup, Brute Force, Command Execution (highlighted in green), CSRF, File Inclusion, SQL Injection, SQL Injection (Blind), Upload, XSS reflected, XSS stored, DVWA Security, PHP Info, About, and Logout. The main content area is titled 'Vulnerability: Command Execution'. It features a section 'Ping for FREE' with a text input field and a 'submit' button. Below the input field, the output of a command execution is displayed in red text: 'help', 'index.php', and 'source'. Underneath, there is a 'More info' section with three links: <http://www.scribd.com/doc/2530476/Php-Endangers-Remote-Code-Execution>, <http://www.ss64.com/bash/>, and <http://www.ss64.com/nt/>.

Medium



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Vulnerability: Command Execution

Ping for FREE


Enter an IP address below:

[help](#)
[index.php](#)
[source](#)

More info

<http://www.scribd.com/doc/2530476/Php-Endangers-Remote-Code-Execution>
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Vulnerability: Command Execution

Ping for FREE

Enter an IP address below:

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More info

<http://www.scribd.com/doc/2530476/Php-Endangers-Remote-Code-Execution>
<http://www.ss64.com/bash/>
<http://www.ss64.com/nt/>

2.file upload vulnerability:


A file upload vulnerability is a type of security vulnerability that allows an attacker to upload and execute malicious files on a target system or application. This vulnerability occurs when an application or website allows users to upload files without proper validation or sanitization of the uploaded content.

Low



The screenshot shows the DVWA (Damn Vulnerable Web Application) interface. The top header is dark grey with the DVWA logo. A left sidebar contains a list of vulnerability categories: Home, Instructions, Setup / Reset DB, Brute Force, Command Injection, CSRF, File Inclusion, File Upload (highlighted in green), Insecure CAPTCHA, SQL Injection, SQL Injection (Blind), Weak Session IDs, XSS (DOM), XSS (Reflected), XSS (Stored), CSP Bypass, and JavaScript. The main content area is titled "Vulnerability: File Upload". It features a form with the instruction "Choose an image to upload:". Below this is a "Browse..." button and the text "No file selected.". There is also an "Upload" button. A red message below the form reads: ".../../hackable/uploads/pass succesfully uploaded!". Under the heading "More Information", there are two links: https://www.owasp.org/index.php/Unrestricted_File_Upload and <https://www.acunetix.com/websitesecurity/upload-forms-threat/>.

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XSS (Reflected)

XSS (Stored)

CSP Bypass

JavaScript

Vulnerability: File Upload

Choose an image to upload:


No file selected.

../../../../hackable/uploads/pass succesfully uploaded!

More Information

- https://www.owasp.org/index.php/Unrestricted_File_Upload
- <https://www.acunetix.com/websitesecurity/upload-forms-threat/>

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XSS (Reflected)

XSS (Stored)

CSP Bypass

JavaScript

Vulnerability: File Upload

Choose an image to upload:

No file selected.

../../../../hackable/uploads/pass succesfully uploaded!


More Information

- https://www.owasp.org/index.php/Unrestricted_File_Upload
- <https://www.acunetix.com/websitesecurity/upload-forms-threat/>

3.sql injection vulnerability:

SQL injection is a type of security vulnerability that occurs when an attacker is able to manipulate or inject malicious SQL code into an application's input fields, such as a login form or search box. This can allow the attacker to bypass authentication, execute unauthorized commands, or gain access to sensitive data stored in the application's database.

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Vulnerability: SQL Injection

User ID:

Submit

ID: '%' or '0' = '0

First name: admin

Surname: admin

ID: '%' or '0' = '0

First name: Gordon

Surname: Brown

ID: '%' or '0' = '0

First name: Hack

Surname: Me

ID: '%' or '0' = '0

First name: Pablo

Surname: Picasso

ID: '%' or '0' = '0

First name: Bob

Surname: Smith

More info

<http://www.securiteam.com/securityreviews/5DP0N1P76E.html>
http://en.wikipedia.org/wiki/SQL_injection
<http://www.unixwiz.net/techtips/sql-injection.html>

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Vulnerability: SQL Injection


User ID:

ID: 3
First name: Hack
Surname: Me

More Information

- https://en.wikipedia.org/wiki/SQL_injection
- <https://www.netsparker.com/blog/web-security/sql-injection-cheat-sheet/>
- https://owasp.org/www-community/attacks/SQL_injection
- <https://bobby-tables.com/>

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Vulnerability: SQL Injection

Click [here to change your ID.](#)

ID: 1' or '1' = '1'
First name: admin
Surname: admin

More Information

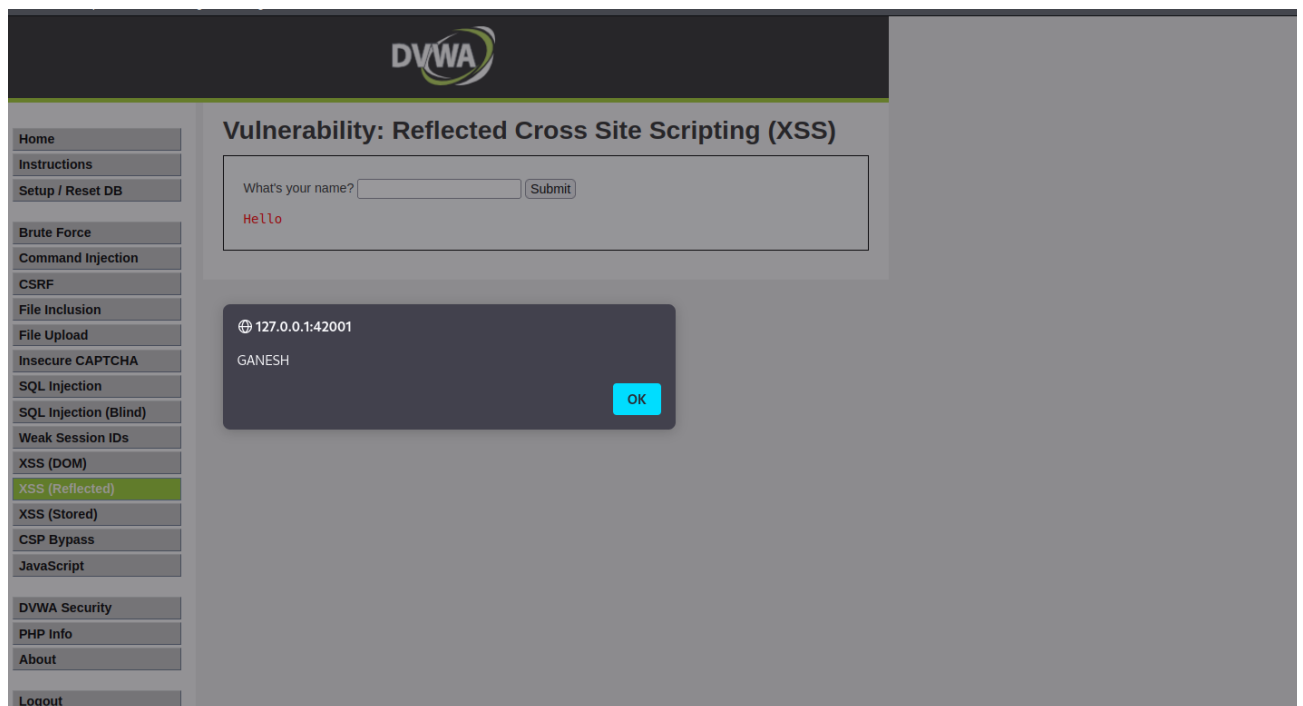
- https://en.wikipedia.org/wiki/SQL_injection
- <https://www.netsparker.com/blog/web-security/sql-injection-cheat-sheet/>
- https://owasp.org/www-community/attacks/SQL_injection
- <https://bobby-tables.com/>

4.cross-site scripting:


Cross-site scripting (XSS) is a type of security vulnerability that allows attackers to inject malicious scripts into web pages viewed by other users. This occurs when an application does not properly validate or sanitize user input, allowing an attacker to inject malicious code into a web page that is then executed by a victim's web browser.

Xss-reflected:

Low



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Vulnerability: Reflected Cross Site Scripting (XSS)


What's your name?

Hello alert('GANESH');

More Information

- <https://owasp.org/www-community/attacks/xss/>
- <https://owasp.org/www-community/xss-filter-evasion-cheatsheet>
- https://en.wikipedia.org/wiki/Cross-site_scripting
- <http://www.cgisecurity.com/xss-faq.html>
- <http://www.scriptalert1.com/>

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Vulnerability: Reflected Cross Site Scripting (XSS)

What's your name?

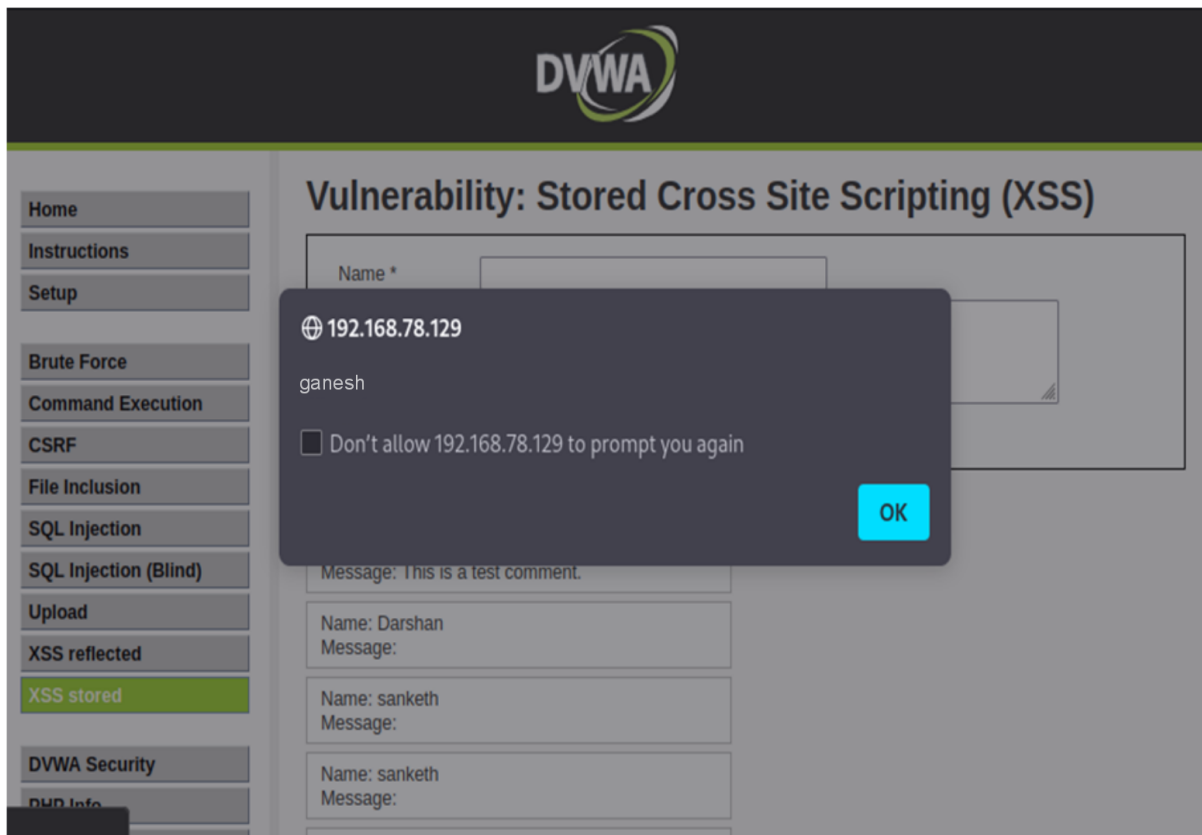
Hello >

More Information

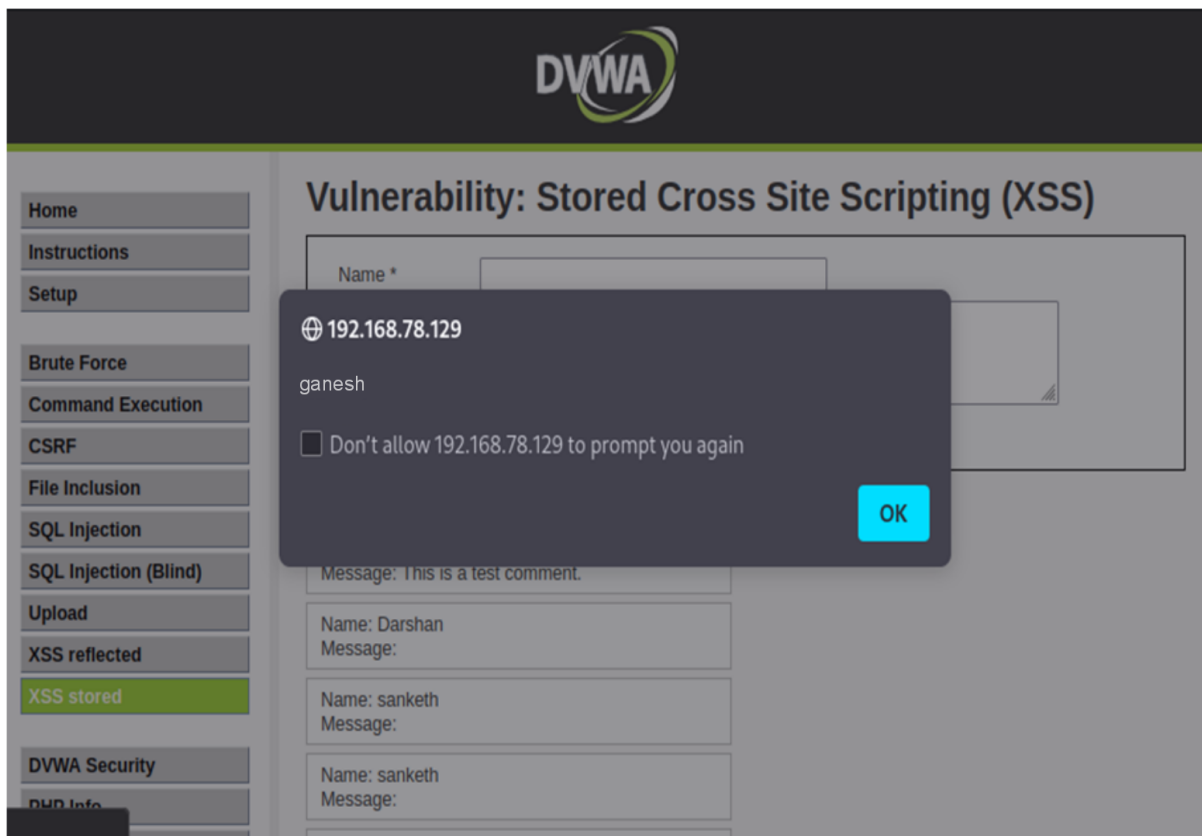
- <https://owasp.org/www-community/attacks/xss/>
- <https://owasp.org/www-community/xss-filter-evasion-cheatsheet>
- https://en.wikipedia.org/wiki/Cross-site_scripting
- <http://www.cgisecurity.com/xss-faq.html>
- <http://www.scriptalert1.com/>

Xss-Stored:

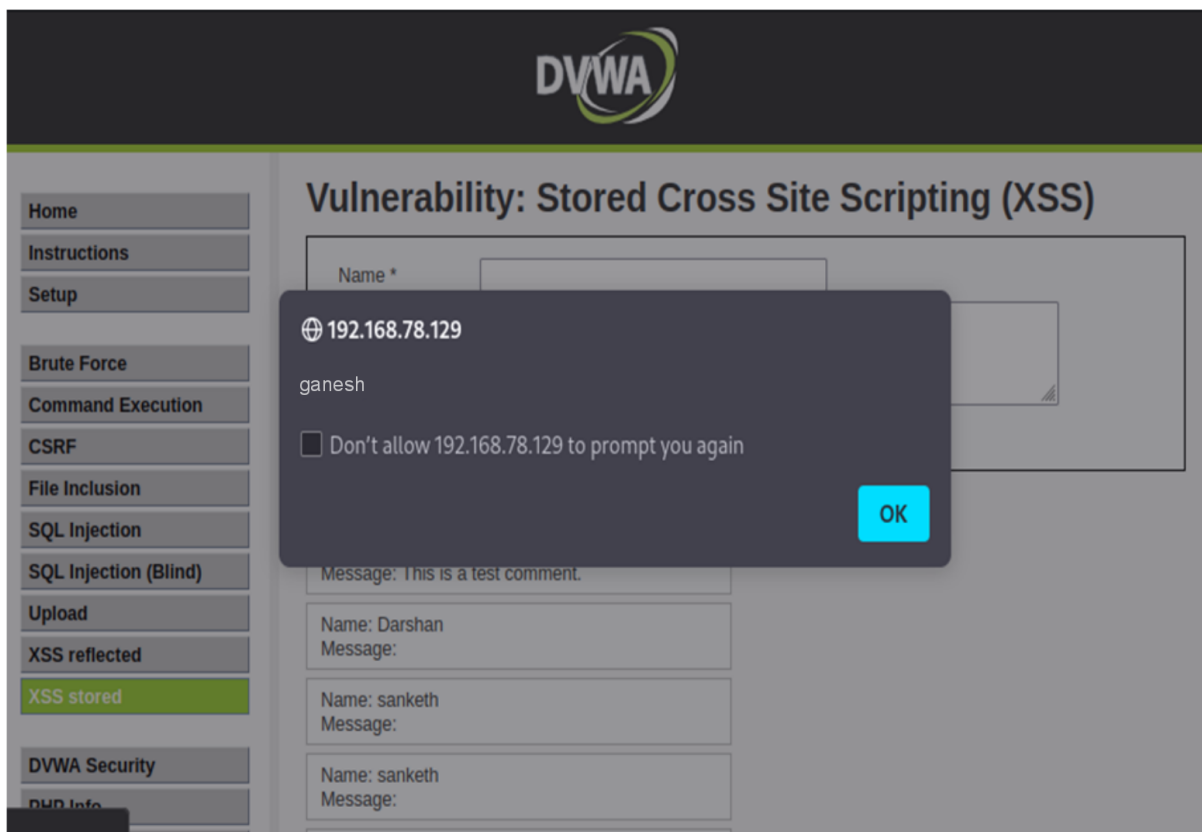
Low



Medium



High



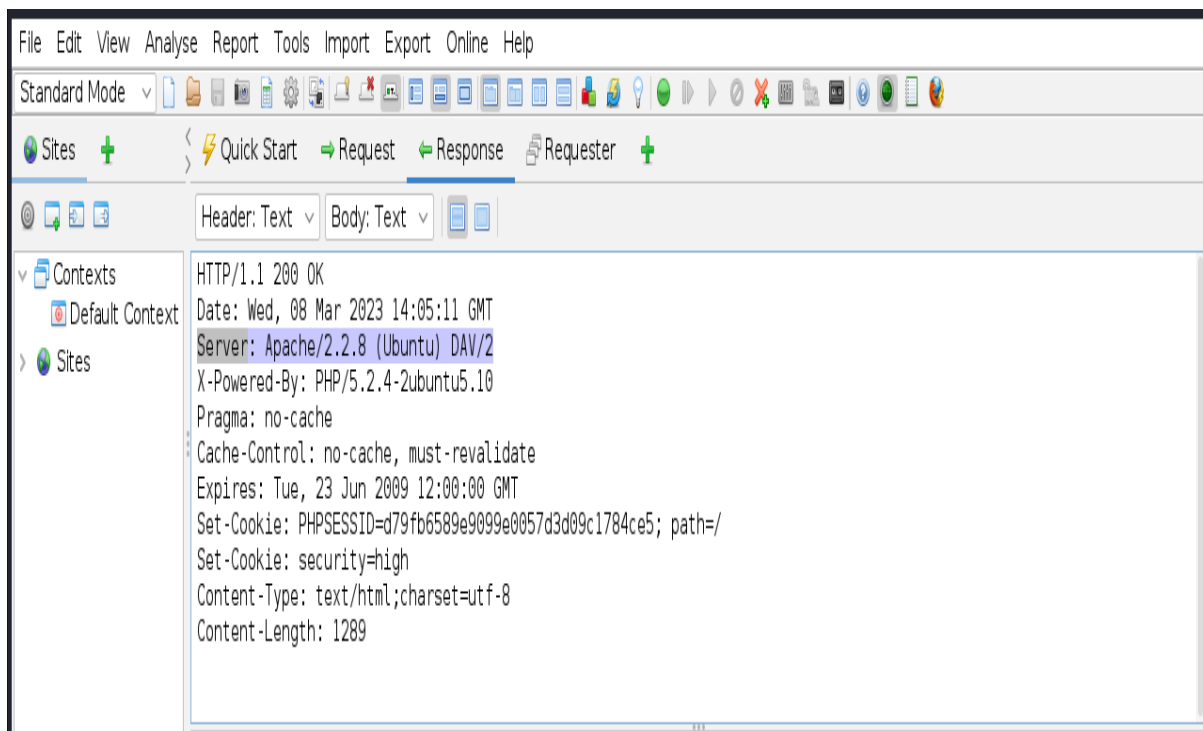
5.sensitive information disclosure:

Sensitive information disclosure is a type of security vulnerability that occurs when an application or system reveals sensitive information to unauthorized users. This can include personal information, such as names, addresses, social security numbers, or financial information, as well as system information, such as server logs, database credentials, or other configuration details.

Low



The screenshot shows the DVWA Security page. The left sidebar contains a menu with options: Home, Instructions, Setup / Reset DB, Brute Force, Command Injection, CSRF, File Inclusion, File Upload, Insecure CAPTCHA, SQL Injection, SQL Injection (Blind), Weak Session IDs, XSS (DOM), XSS (Reflected), XSS (Stored), CSP Bypass, JavaScript, DVWA Security (highlighted), PHP Info, About, and Logout. The main content area is titled "DVWA Security" and "Security Level". It states that the security level is currently "low". Below this, there is a list of four security levels with their descriptions: 1. Low - This security level is completely vulnerable and has no security measures at all. It's use is to be as an example of how web application vulnerabilities manifest through bad coding practices and to serve as a platform to teach or learn basic exploitation techniques. 2. Medium - This setting is mainly to give an example to the user of bad security practices, where the developer has tried but failed to secure an application. It also acts as a challenge to users to refine their exploitation techniques. 3. High - This option is an extension to the medium difficulty, with a mixture of harder or alternative bad practices to attempt to secure the code. The vulnerability may not allow the same extent of the exploitation, similar in various Capture The Flags (CTFs) competitions. 4. Impossible - This level should be secure against all vulnerabilities. It is used to compare the vulnerable source code to the secure source code. Prior to DVWA v1.9, this level was known as 'high'. Below the list, there is a dropdown menu set to "Low" and a "Submit" button. The "PHPIDS" section states that PHPIDS v0.6 (PHP-Intrusion Detection System) is a security layer for PHP based web applications. It is used in DVWA to serve as a live example of how Web Application Firewalls (WAFs) can help improve security and in some cases how WAFs can be circumvented. It also states that you can enable PHPIDS across this site for the duration of your session. The current status is "disabled" and there are links to "Enable PHPIDS", "Simulate attack", and "View IDS log".



The screenshot shows a web browser window with the "Standard Mode" dropdown and a toolbar. The "Sites" tab is active, and the "Quick Start" button is highlighted. The "Request" and "Response" tabs are visible, with the "Response" tab selected. The response headers are displayed in the main content area. The headers are: HTTP/1.1 200 OK, Date: Wed, 08 Mar 2023 14:05:11 GMT, Server: Apache/2.2.8 (Ubuntu) DAV/2, X-Powered-By: PHP/5.2.4-2ubuntu5.10, Pragma: no-cache, Cache-Control: no-cache, must-revalidate, Expires: Tue, 23 Jun 2009 12:00:00 GMT, Set-Cookie: PHPSESSID=d79fb6589e9099e0057d3d09c1784ce5; path=/, Set-Cookie: security=high, Content-Type: text/html; charset=utf-8, and Content-Length: 1289.

Medium



The screenshot shows the DVWA Security page. The security level is set to 'Medium'. The page includes a sidebar with navigation links and a main content area with a list of security levels and their descriptions. The 'PHPIDS' section is also visible, showing it is currently disabled.

DVWA Security

Security Level

Security level is currently: **low**.

You can set the security level to low, medium, high or impossible. The security level changes the vulnerability level of DVWA:

1. Low - This security level is completely vulnerable and has no security measures at all. It's use is to be as an example of how web application vulnerabilities manifest through bad coding practices and to serve as a platform to teach or learn basic exploitation techniques.
2. Medium - This setting is mainly to give an example to the user of bad security practices, where the developer has tried but failed to secure an application. It also acts as a challenge to users to refine their exploitation techniques.
3. High - This option is an extension to the medium difficulty, with a mixture of harder or alternative bad practices to attempt to secure the code. The vulnerability may not allow the same extent of the exploitation, similar in various Capture The Flags (CTFs) competitions.
4. Impossible - This level should be secure against all vulnerabilities. It is used to compare the vulnerable source code to the secure source code. Prior to DVWA v1.9, this level was known as 'high'.

Medium Submit

PHPIDS

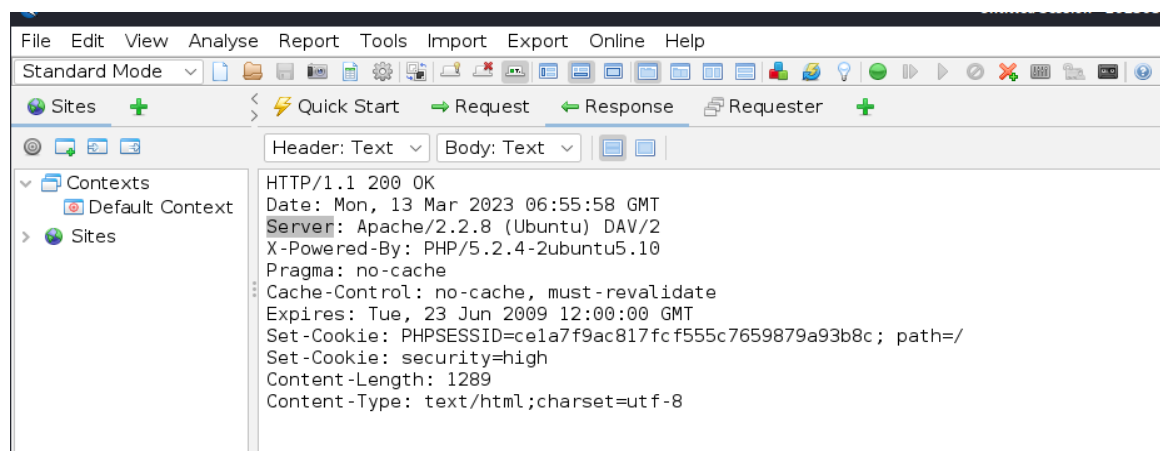
PHPIDS v0.6 (PHP-Intrusion Detection System) is a security layer for PHP based web applications.

PHPIDS works by filtering any user supplied input against a blacklist of potentially malicious code. It is used in DVWA to serve as a live example of how Web Application Firewalls (WAFs) can help improve security and in some cases how WAFs can be circumvented.

You can enable PHPIDS across this site for the duration of your session.

PHPIDS is currently: **disabled**. [Enable PHPIDS]

[Simulate attack] - [View IDS log]



The screenshot shows the Burp Suite interface. The 'Sites' tab is selected, and the 'Quick Start' section is active. The 'Request' tab is selected, showing the details of an HTTP request. The request is a GET request to the DVWA Security page, with a status of 200 OK. The response headers and body are visible.

File Edit View Analyse Report Tools Import Export Online Help

Standard Mode

Sites Quick Start Request Response Requester

Header: Text Body: Text

Contexts Default Context Sites

HTTP/1.1 200 OK
Date: Mon, 13 Mar 2023 06:55:58 GMT
Server: Apache/2.2.8 (Ubuntu) DAV/2
X-Powered-By: PHP/5.2.4-2ubuntu5.10
Pragma: no-cache
Cache-Control: no-cache, must-revalidate
Expires: Tue, 23 Jun 2009 12:00:00 GMT
Set-Cookie: PHPSESSID=c1a7f9ac817fcf555c7659879a93b8c; path=/
Set-Cookie: security=high
Content-Length: 1289
Content-Type: text/html; charset=utf-8

High



The screenshot shows the DVWA Security page. The security level is set to 'High'. The page includes a sidebar with navigation links and a main content area with a list of security levels and their descriptions. The 'PHPIDS' section is also visible, showing it is currently disabled.

DVWA Security

Security Level

Security level is currently: **low**.

You can set the security level to low, medium, high or impossible. The security level changes the vulnerability level of DVWA:

1. Low - This security level is completely vulnerable and has no security measures at all. It's use is to be as an example of how web application vulnerabilities manifest through bad coding practices and to serve as a platform to teach or learn basic exploitation techniques.
2. Medium - This setting is mainly to give an example to the user of bad security practices, where the developer has tried but failed to secure an application. It also acts as a challenge to users to refine their exploitation techniques.
3. High - This option is an extension to the medium difficulty, with a mixture of harder or alternative bad practices to attempt to secure the code. The vulnerability may not allow the same extent of the exploitation, similar in various Capture The Flags (CTFs) competitions.
4. Impossible - This level should be secure against all vulnerabilities. It is used to compare the vulnerable source code to the secure source code. Prior to DVWA v1.9, this level was known as 'high'.

High Submit

PHPIDS

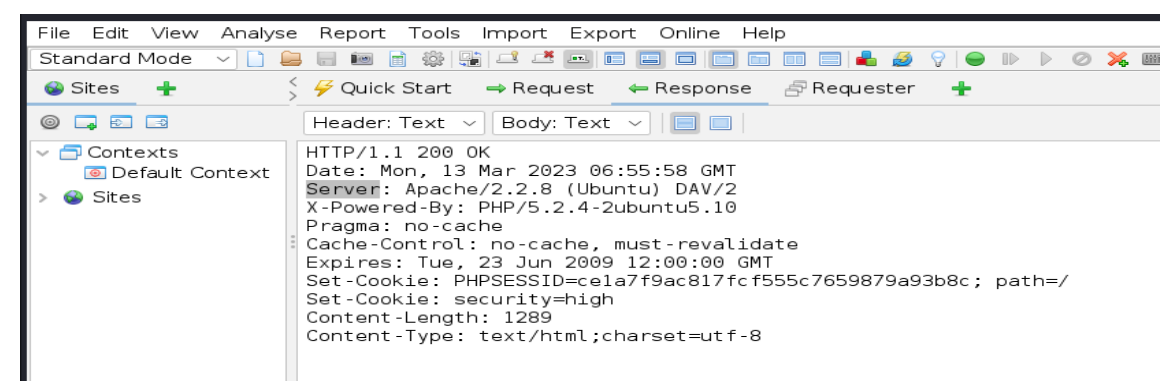
PHPIDS v0.6 (PHP-Intrusion Detection System) is a security layer for PHP based web applications.

PHPIDS works by filtering any user supplied input against a blacklist of potentially malicious code. It is used in DVWA to serve as a live example of how Web Application Firewalls (WAFs) can help improve security and in some cases how WAFs can be circumvented.

You can enable PHPIDS across this site for the duration of your session.

PHPIDS is currently: **disabled**. [Enable PHPIDS]

[Simulate attack] - [View IDS log]



The screenshot shows the Burp Suite interface. The 'Sites' tab is selected, and the 'Quick Start' section is active. The 'Request' tab is selected, showing the details of an HTTP request. The request is a GET request to the DVWA Security page, with a status of 200 OK. The response headers and body are visible.

File Edit View Analyse Report Tools Import Export Online Help

Standard Mode

Sites Quick Start Request Response Requester

Header: Text Body: Text


Contexts Default Context Sites

HTTP/1.1 200 OK
Date: Mon, 13 Mar 2023 06:55:58 GMT
Server: Apache/2.2.8 (Ubuntu) DAV/2
X-Powered-By: PHP/5.2.4-2ubuntu5.10
Pragma: no-cache
Cache-Control: no-cache, must-revalidate
Expires: Tue, 23 Jun 2009 12:00:00 GMT
Set-Cookie: PHPSESSID=c1a7f9ac817fcf555c7659879a93b8c; path=/
Set-Cookie: security=high
Content-Length: 1289
Content-Type: text/html; charset=utf-8

6.local file inclusion:

Local File Inclusion (LFI) is a type of security vulnerability that occurs when an application allows a user to include a local file in a web page without proper validation or sanitization. This can allow an attacker to access files on the server that are not intended to be accessible, including configuration files, system logs, or sensitive user data.

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Vulnerability: File Inclusion

File 4 (Hidden)

Good job!
This file isn't listed at all on DVWA. If you are reading this, you did something right ;-)


Username: admin
Security Level: low
Locale: en
PHPIDS: disabled
SQLi DB: mysql

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Vulnerability: File Inclusion

File 4 (Hidden)


Good job!
This file isn't listed at all on DVWA. If you are reading this, you did something right ;-)

Username: admin
Security Level: medium
Locale: en
PHPIDS: disabled
SQLi DB: mysql

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Vulnerability: File Inclusion

File 4 (Hidden)

Good job!
This file isn't listed at all on DVWA. If you are reading this, you did something right ;-)

Username: admin
Security Level: high
Locale: en
PHPIDS: disabled
SQLi DB: mysql


[View Source](#) [View Help](#)

Damn Vulnerable Web Application (DVWA) v1.10 *Development*

7.remote file inclusion:

Remote File Inclusion (RFI) is a type of security vulnerability that occurs when an application allows a user to include a remote file in a web page without proper validation or sanitization. This can allow an attacker to execute malicious code on the server or to access files on a remote server that are not intended to be accessible.

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Vulnerability: File Inclusion

File 4 (Hidden)

Good job!
This file isn't listed at all on DVWA. If you are reading this, you did something right ;-)


Username: admin
Security Level: low
Locale: en
PHPIDS: disabled
SQLi DB: mysql

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Vulnerability: File Inclusion

File 4 (Hidden)

Good job!
This file isn't listed at all on DVWA. If you are reading this, you did something right ;-)


Username: admin
Security Level: medium
Locale: en
PHPIDS: disabled
SQLi DB: mysql

View SourceView Help

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File 4 (Hidden)

Good job!
This file isn't listed at all on DVWA. If you are reading this, you did something right ;-)

Username: admin
Security Level: high
Locale: en
PHPIDS: disabled
SQLi DB: mysql

View SourceView Help

Damn Vulnerable Web Application (DVWA) v1.10 *Development*

8.bruteforce attack:

A brute force attack is a type of cyberattack that involves systematically trying every possible combination of characters to guess a password or encryption key. Attackers use specialized software or tools to automate the process of guessing passwords or keys, with the goal of gaining unauthorized access to a system or application.

Brute force attacks can be particularly effective against weak passwords or encryption keys, such as those that are short or use common words or patterns. Attackers can also use techniques such as dictionary attacks, which use a pre-generated list of common passwords to speed up the guessing process.

Low

The image shows two screenshots related to a brute force attack. The top screenshot is from Burp Suite, showing an intercepted HTTP request to the DVWA login page. The request is a GET method with the URL `http://192.168.233.130:80/dvwa/vulnerabilities/brute/?username=ganesha&password=password&login=Login`. The request headers include `Host: 192.168.233.130`, `User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:91.0) Gecko/20100101 Firefox/91.0`, `Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8`, `Accept-Language: en-US,en;q=0.5`, `Accept-Encoding: gzip, deflate`, `Connection: close`, `Referer: http://192.168.233.130/dvwa/vulnerabilities/brute/?username=shashikala&password=password&login=Login`, and a `Cookie: security=low PHPSESSID=32ab3bc3aed0d87ed263fcb688771`. The bottom screenshot is from a web browser showing the DVWA "Vulnerability: Brute Force" page. The page has a sidebar with navigation links: Home, Instructions, Setup / Reset DB, Brute Force (highlighted), Command Injection, CSRF, File Inclusion, File Upload, Insecure CAPTCHA, SQL Injection, SQL Injection (Blind), Weak Session IDs, XSS (DOM), XSS (Reflected), XSS (Stored), CSP Bypass, JavaScript, DVWA Security, PHP Info, About, and Logout. The main content area shows a "Login" form with fields for "Username:" (containing "ganesha") and "Password:" (containing "password"), and a "Login" button. Below the form is a "More Information" section with three links: <https://www.exploit-db.com/community/attacks/brute-force-attack/>, <http://www.vulnerability-lab.com/component/content/article/24325-secure-security-your-password>, and <http://www.s0x100.com/Security/How-to-brute-force-http-forms-in-windows.html>. At the bottom of the page, it says "Username: admin" and "Security Level: Impossible".

Medium

Intercepted request from Burp Suite:

```
1 GET /dvwa/vulnerabilities/brute/?username=ganesh&password=password&Login=Login HTTP/1.1
2 Host: 192.168.233.130
3 User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:91.0) Gecko/20100101 Firefox/91.0
4 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
5 Accept-Language: en-US,en;q=0.5
6 Accept-Encoding: gzip, deflate
7 Connection: close
8 Referer: http://192.168.233.130/dvwa/vulnerabilities/brute/?username=shashika&password=password&Login=Login
9 Cookie: security=medium PHPSESSID=32eb13ecd1ed50437ed261fc3c88e771
10 Upgrade-Insecure-Requests: 1
11
```

Browser screenshot of DVWA Vulnerability: Brute Force:

Home
Instructions
Setup / Reset DB
Brute Force
Command Injection
CSRF
File Inclusion
File Upload
Insecure CAPTCHA
SQL Injection
SQL Injection (Blind)
Weak Session IDs
XSS (DOM)
XSS (Reflected)
XSS (Stored)
CSP Bypass
JavaScript
DVWA Security
PHP Info
About
Logout

Username: admin
Security Level: impossible

More Information

- <https://www.exploit-db.com/community/attacks/brute-force-attack>
- <http://www.symantec.com/connect/articles/password-crackers-ensuring-security-your-password>
- <http://www.sshhacks.com.au/Security/how-to-brute-force-http-forms-in-windows.html>

High

Intercepted request from Burp Suite:

```
1 GET /dvwa/vulnerabilities/brute/?username=ganesh&password=password&Login=Login HTTP/1.1
2 Host: 192.168.233.130
3 User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:91.0) Gecko/20100101 Firefox/91.0
4 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
5 Accept-Language: en-US,en;q=0.5
6 Accept-Encoding: gzip, deflate
7 Connection: close
8 Referer: http://192.168.233.130/dvwa/vulnerabilities/brute/?username=shashika&password=password&Login=Login
9 Cookie: security=high PHPSESSID=32eb13ecd1ed50437ed261fc3c88e771
10 Upgrade-Insecure-Requests: 1
11
```

Browser screenshot of DVWA Vulnerability: Brute Force:

Home
Instructions
Setup / Reset DB
Brute Force
Command Injection
CSRF
File Inclusion
File Upload
Insecure CAPTCHA
SQL Injection
SQL Injection (Blind)
Weak Session IDs
XSS (DOM)
XSS (Reflected)
XSS (Stored)
CSP Bypass
JavaScript
DVWA Security
PHP Info
About
Logout

Username: admin
Security Level: impossible

More Information

- <https://www.exploit-db.com/community/attacks/brute-force-attack>
- <http://www.symantec.com/connect/articles/password-crackers-ensuring-security-your-password>
- <http://www.sshhacks.com.au/Security/how-to-brute-force-http-forms-in-windows.html>

9.forced browsing vulnerability:

Forced browsing is a type of security vulnerability that occurs when an attacker is able to access unauthorized resources or data by manually or programmatically guessing or manipulating URLs or directory structures. This can allow an attacker to access sensitive information or functionality that is not intended to be accessible to the general public. Forced browsing attacks can occur when an application does not properly enforce access controls or input validation, allowing attackers to access files or resources that are not intended to be publicly accessible. This can include sensitive data such as user account information, financial records, or confidential business data.

To protect against forced browsing attacks, it is important to implement proper access controls and input validation to ensure that only authorized users are able to access sensitive resources or data. This can include using authentication and authorization mechanisms, restricting access to specific IP addresses or user agents, and using encryption and other security measures to protect sensitive data.

10.components with known vulnerability:

Components with known vulnerabilities refer to software libraries, frameworks, or other components that have known security vulnerabilities or weaknesses that can be exploited by attackers. These components are often used in the development of software applications, and may include third-party libraries, open source software, or other components that are commonly used by developers.

```
File Actions Edit View Help
(kali@kali)~$
$ nmap -sV -p 80 192.168.11.132
Starting Nmap 7.92 ( https://nmap.org ) at 2023-03-15 06:31 EDT
Nmap scan report for 192.168.11.132
Host is up (0.0031s latency).

PORT      STATE SERVICE VERSION
80/tcp    open  http      Apache httpd 2.2.8 ((Ubuntu) DAV/2)

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 7.86 seconds

(kali@kali)~$
```

CVE Details

The ultimate security vulnerability datasource

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View CVE

(e.g.: CVE-2009-1234 or 2010-1234 or 20101234)

Vulnerability Details : [CVE-2016-4975](#)

Possible CRLF injection allowing HTTP response splitting attacks for sites which use mod_userdir. This issue was mitigated by changes made in 2.4.25 and 2.2.32 which prohibit CR or LF injection into the "Location" or other outbound header key or value. Fixed in Apache HTTP Server 2.4.25 (Affected 2.4.1-2.4.23). Fixed in Apache HTTP Server 2.2.32 (Affected 2.2.0-2.2.31).

Publish Date : 2018-08-14 Last Update Date : 2021-06-06

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CVSS Scores & Vulnerability Types

CVSS Score	4.3
Confidentiality Impact	None (There is no impact to the confidentiality of the system.)
Integrity Impact	Partial (Modification of some system files or information is possible, but the attacker does not have control over what can be modified, or the scope of what the attacker can affect is limited.)
Availability Impact	None (There is no impact to the availability of the system.)
Access Complexity	Medium (The access conditions are somewhat specialized. Some preconditions must be satisfied to exploit)
Authentication	Not required (Authentication is not required to exploit the vulnerability.)
Gained Access	None
Vulnerability Type(s)	Http response splitting
CWE ID	93

Related OVAL Definitions

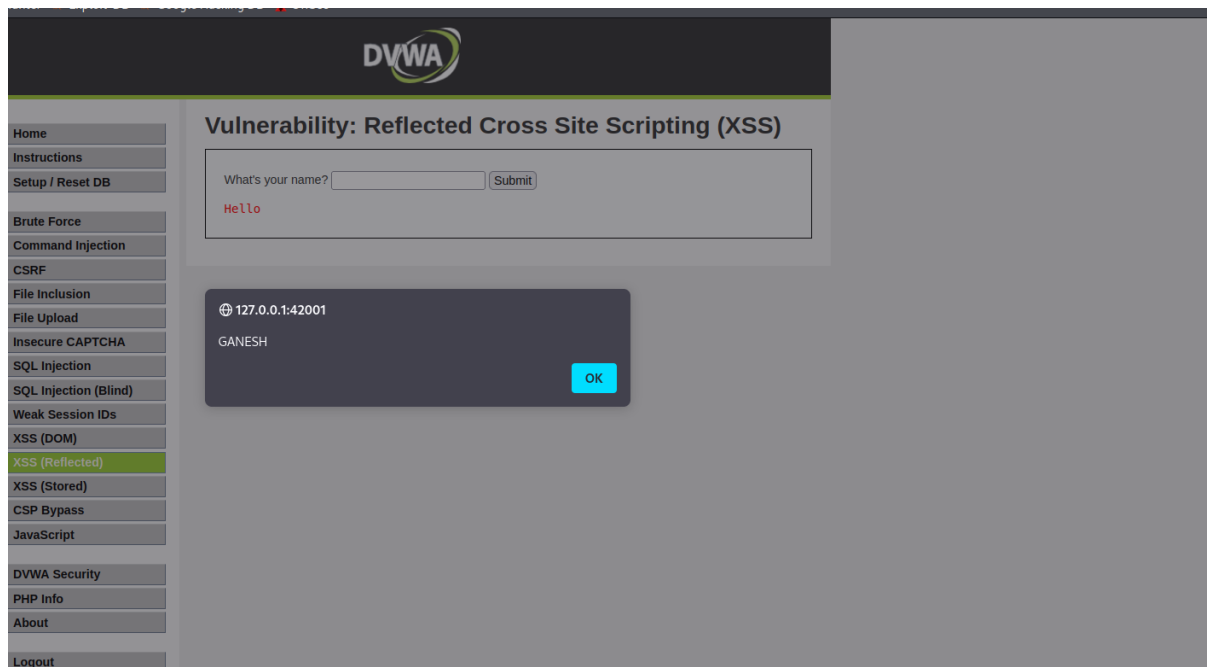
11.html injection:

HTML injection, also known as HTML injection attack or HTML code injection, is a type of web security vulnerability that allows an attacker to insert malicious HTML code into a web page. This code is then executed by the victim's web browser, potentially allowing the attacker to steal sensitive information or launch further attacks.

HTML injection attacks can occur when an application does not properly validate or sanitize user input, allowing an attacker to inject malicious HTML code into a web page that is viewed by other users. This can occur in a variety of ways, such as through input fields, cookies, or other mechanisms that allow users to input data.

Xss-reflected:

Low



Medium

Home

Instructions

Setup / Reset DB

Brute Force

Command Injection

CSRF

File Inclusion

File Upload

Insecure CAPTCHA

SQL Injection

SQL Injection (Blind)

Weak Session IDs

XSS (DOM)

XSS (Reflected)

XSS (Stored)

CSP Bypass

JavaScript

DVWA Security

PHP Info

About

Logout

DVWA

Vulnerability: Reflected Cross Site Scripting (XSS)

What's your name?

Hello alert('GANESH');

More Information

- <https://owasp.org/www-community/attacks/xss/>
- <https://owasp.org/www-community/xss-filter-evasion-cheatsheet>
- https://en.wikipedia.org/wiki/Cross-site_scripting
- <http://www.cgisecurity.com/xss-faq.html>
- <http://www.scriptalert1.com/>

High

Home

Instructions

Setup / Reset DB

Brute Force

Command Injection

CSRF

File Inclusion

File Upload

Insecure CAPTCHA

SQL Injection

SQL Injection (Blind)

Weak Session IDs

XSS (DOM)

XSS (Reflected)

XSS (Stored)

CSP Bypass

JavaScript

DVWA Security

PHP Info

About

Logout

DVWA

Vulnerability: Reflected Cross Site Scripting (XSS)

What's your name?

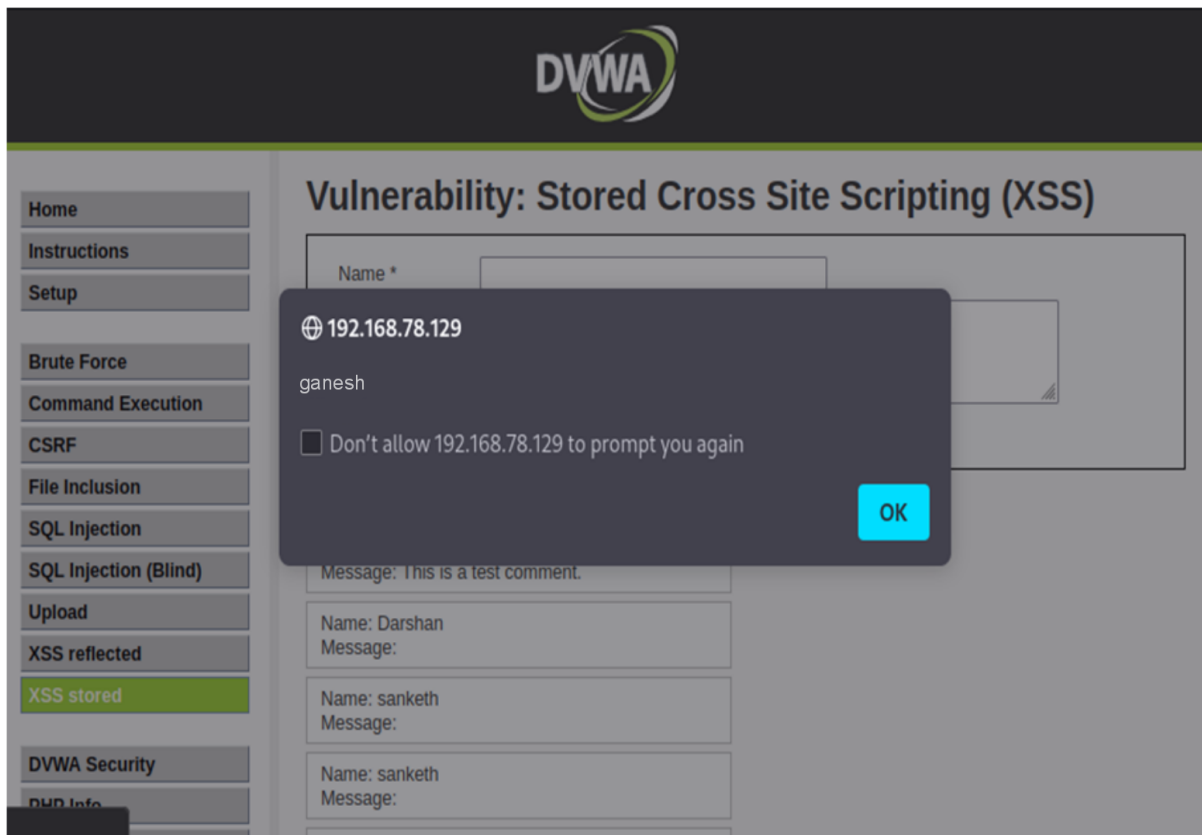
Hello >

More Information

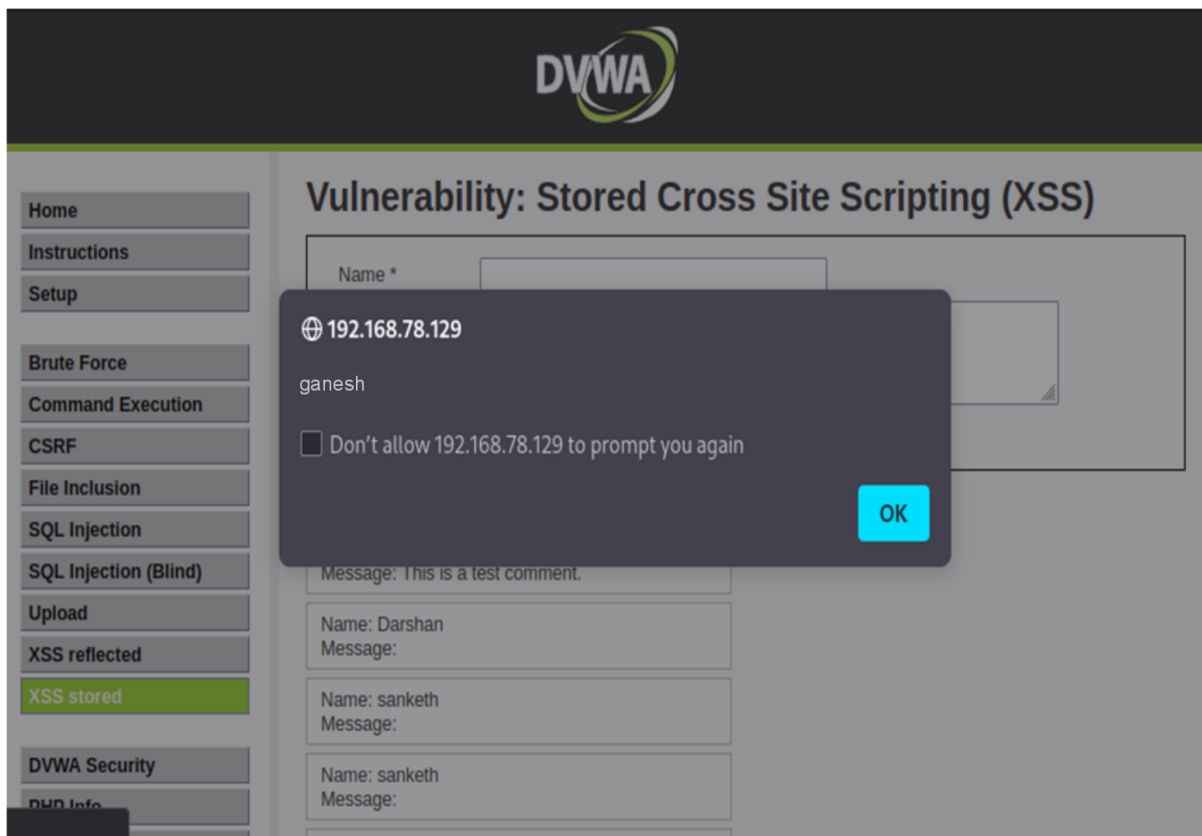
- <https://owasp.org/www-community/attacks/xss/>
- <https://owasp.org/www-community/xss-filter-evasion-cheatsheet>
- https://en.wikipedia.org/wiki/Cross-site_scripting
- <http://www.cgisecurity.com/xss-faq.html>
- <http://www.scriptalert1.com/>

Xss-Stored:

Low



Medium



High

