# **Nmap Scan Result**

a. Summary - No. of Vulnerable Ports Open

# b. Detailed Report i. Port Number: 21 ii. Protocol: tcp iii. Service: ftp iv. Recommended Action or Best Practices: Ensure secure FTP configurations. Consider using SFTP or FTPS instead. i. Port Number: 25 ii. Protocol: tcp iii. Service: smtp iv. Recommended Action or Best Practices: Implement proper email filtering and authentication mechanisms. i. Port Number: 80 ii. Protocol: tcp iii. Service: http iv. Recommended Action or Best Practices: Apply security headers, keep software updated, and implement secure coding practices. i. Port Number: 110 ii. Protocol: tcp iii. Service: pop3 iv. Recommended Action or Best Practices: Consider using POP3 over SSL/TLS (POP3S) for secure email retrieval. i. Port Number: 443 ii. Protocol: tcp iii. Service: https iv. Recommended Action or Best Practices: Apply security best practices for HTTPS services. i. Port Number: 587 ii. Protocol: tcp iii. Service: submission iv. Recommended Action or Best Practices: Secure email submission by using submission over SSL/TLS. i. Port Number: 993 ii. Protocol: tcp iii. Service: imaps iv. Recommended Action or Best Practices: Implement IMAPS (IMAP over SSL/TLS) for secure email access. **ZAP Scan Result**

# i. No. of Total Vulnerabilities Identified: 83

. Summary

ii. No. of Total Vulnerabilities Identified grouped on Risk Rating: {\medium': 10, 'Informational': 51, 'Low': 21, 'High': 1}

### b. Detailed Report

### i. Vulnerability Summary: Missing Anti-clickjacking Header

ii. Risk Rating: Medium

iii. Confidence Rating: Medium

iv. Description: The response does not include either Content-Security-Policy with 'frame-ancestors' directive or X-Frame-Options to protect against 'ClickJacking' attacks.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/sitemap.xml

· Method: GET

Parameter: x-frame-options
 Attack: No attack specified
 Evidence: No evidence available

### i. Vulnerability Summary: Missing Anti-clickjacking Header

ii. Risk Rating: Medium

iii. Confidence Rating: Medium

**iv. Description:** The response does not include either Content-Security-Policy with 'frame-ancestors' directive or X-Frame-Options to protect against 'ClickJacking' attacks.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/robots.txt

Method: GET

Parameter: x-frame-options
Attack: No attack specified
Evidence: No evidence available

# i. Vulnerability Summary: Missing Anti-clickjacking Header

ii. Risk Rating: Medium

iii. Confidence Rating: Medium

iv. Description: The response does not include either Content-Security-Policy with 'frame-ancestors' directive or X-Frame-Options to protect against 'ClickJacking' attacks.

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/

Method: GET

Parameter: x-frame-options
 Attack: No attack specified
 Evidence: No evidence available

### i. Vulnerability Summary: Re-examine Cache-control Directives

ii. Risk Rating: Informational

iii. Confidence Rating: Low

**iv. Description:** The cache-control header has not been set properly or is missing, allowing the browser and proxies to cache content. For static assets like css, js, or image files this might be intended, however, the resources should be reviewed to ensure that no sensitive content will be cached.

# v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/sitemap.xml

• Method: GET

Parameter: cache-control

· Attack: No attack specified

• Evidence: no-store,no-cache,max-age=0

### i. Vulnerability Summary: Re-examine Cache-control Directives

ii. Risk Rating: Informational

iii. Confidence Rating: Low

iv. Description: The cache-control header has not been set properly or is missing, allowing the browser and proxies to cache content. For static assets like css, js, or image files this might be intended, however, the resources should be reviewed to ensure that no sensitive content will be cached.

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/

Method: GET

Parameter: cache-controlAttack: No attack specified

• Evidence: no-store,no-cache,max-age=0

### i. Vulnerability Summary: Re-examine Cache-control Directives

ii. Risk Rating: Informational

iii. Confidence Rating: Low

iv. Description: The cache-control header has not been set properly or is missing, allowing the browser and proxies to cache content. For static assets like css, js, or image files this might be intended, however, the resources should be reviewed to ensure that no sensitive content will be cached.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/robots.txt

Method: GET

Parameter: cache-controlAttack: No attack specified

Evidence: no-store,no-cache,max-age=0

### i. Vulnerability Summary: Content Security Policy (CSP) Header Not Set

ii. Risk Rating: Medium

iii. Confidence Rating: High

iv. Description: Content Security Policy (CSP) is an added layer of security that helps to detect and mitigate certain types of attacks, including Cross Site Scripting (XSS) and data injection attacks. These attacks are used for everything from data theft to site defacement or distribution of malware. CSP provides a set of standard HTTP headers that allow website owners to declare approved sources of content that browsers should be allowed to load on that page — covered types are JavaScript, CSS, HTML frames, fonts, images and embeddable objects such as Java applets, ActiveX, audio and video files.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/robots.txt

Method: GET

• Parameter: No parameter specified

Attack: No attack specifiedEvidence: No evidence available

### i. Vulnerability Summary: Content Security Policy (CSP) Header Not Set

ii. Risk Rating: Medium

iii. Confidence Rating: High

iv. Description: Content Security Policy (CSP) is an added layer of security that helps to detect and mitigate certain types of attacks, including Cross Site Scripting (XSS) and data injection attacks. These attacks are used for everything from data theft to site defacement or distribution of malware. CSP provides a set of standard HTTP headers that allow website owners to declare approved sources of content that browsers should be allowed to load on that page — covered types are JavaScript, CSS, HTML frames, fonts, images and embeddable objects such as Java applets, ActiveX, audio and video files.

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/

· Method: GET

· Parameter: No parameter specified

Attack: No attack specifiedEvidence: No evidence available

# i. Vulnerability Summary: Content Security Policy (CSP) Header Not Set

ii. Risk Rating: Medium

iii. Confidence Rating: High

iv. Description: Content Security Policy (CSP) is an added layer of security that helps to detect and mitigate certain types of attacks, including Cross Site Scripting (XSS) and data injection attacks. These attacks are used for everything from data theft to site defacement or distribution of malware. CSP provides a set of standard HTTP headers that allow website owners to declare approved sources of content that browsers should be allowed to load on that page — covered types are JavaScript, CSS, HTML frames, fonts, images and embeddable objects such as Java applets, ActiveX, audio and video files.

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/sitemap.xml

• Method: GET

· Parameter: No parameter specified

Attack: No attack specifiedEvidence: No evidence available

# i. Vulnerability Summary: Cookie No HttpOnly Flag

ii. Risk Rating: Low

iii. Confidence Rating: Medium

iv. Description: A cookie has been set without the HttpOnly flag, which means that the cookie can be accessed by JavaScript. If a malicious script can be run on this page then the cookie will be accessible and can be transmitted to another site. If this is a session cookie then session hijacking may be possible.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/

Method: GET

Parameter: nevercache-b39818Attack: No attack specified

• Evidence: Set-Cookie: nevercache-b39818

# i. Vulnerability Summary: Cookie No HttpOnly Flag

ii. Risk Rating: Low

iii. Confidence Rating: Medium

iv. Description: A cookie has been set without the HttpOnly flag, which means that the cookie can be accessed by JavaScript. If a malicious script can be run on this page then the cookie will be accessible and can be transmitted to another site. If this is a session cookie then session hijacking may be possible.

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/robots.txt

Method: GET

Parameter: nevercache-b39818Attack: No attack specified

• Evidence: Set-Cookie: nevercache-b39818

# i. Vulnerability Summary: Cookie No HttpOnly Flag

ii. Risk Rating: Low

iii. Confidence Rating: Medium

iv. Description: A cookie has been set without the HttpOnly flag, which means that the cookie can be accessed by JavaScript. If a malicious script can be run on this page then the cookie will be accessible and can be transmitted to another site. If this is a session cookie then session hijacking may be possible.

# v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/sitemap.xml

· Method: GET

Parameter: nevercache-b39818Attack: No attack specified

• Evidence: Set-Cookie: nevercache-b39818

i. Vulnerability Summary: Cookie without SameSite Attribute

ii. Risk Rating: Low

iii. Confidence Rating: Medium

iv. Description: A cookie has been set without the SameSite attribute, which means that the cookie can be sent as a result of a 'cross-site' request. The SameSite attribute is an effective counter measure to cross-site request forgery, cross-site script inclusion, and timing attacks.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/

• Method: GET

Parameter: nevercache-b39818Attack: No attack specified

• Evidence: Set-Cookie: nevercache-b39818

### i. Vulnerability Summary: Cookie without SameSite Attribute

ii. Risk Rating: Low

iii. Confidence Rating: Medium

iv. Description: A cookie has been set without the SameSite attribute, which means that the cookie can be sent as a result of a 'cross-site' request. The SameSite attribute is an effective counter measure to cross-site request forgery, cross-site script inclusion, and timing attacks.

#### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/sitemap.xml

Method: GET

Parameter: nevercache-b39818Attack: No attack specified

• Evidence: Set-Cookie: nevercache-b39818

### i. Vulnerability Summary: Cookie without SameSite Attribute

ii. Risk Rating: Low

iii. Confidence Rating: Medium

**iv. Description:** A cookie has been set without the SameSite attribute, which means that the cookie can be sent as a result of a 'cross-site' request. The SameSite attribute is an effective counter measure to cross-site request forgery, cross-site script inclusion, and timing attacks.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/robots.txt

Method: GET

Parameter: nevercache-b39818Attack: No attack specified

• Evidence: Set-Cookie: nevercache-b39818

# i. Vulnerability Summary: Cookie Without Secure Flag

ii. Risk Rating: Low

iii. Confidence Rating: Medium

iv. Description: A cookie has been set without the secure flag, which means that the cookie can be accessed via unencrypted connections.

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/robots.txt

Method: GET

Parameter: nevercache-b39818Attack: No attack specified

• Evidence: Set-Cookie: nevercache-b39818

### i. Vulnerability Summary: Cookie Without Secure Flag

ii. Risk Rating: Low

iii. Confidence Rating: Medium

iv. Description: A cookie has been set without the secure flag, which means that the cookie can be accessed via unencrypted connections.

#### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/sitemap.xml

Method: GET

Parameter: nevercache-b39818Attack: No attack specified

• Evidence: Set-Cookie: nevercache-b39818

### i. Vulnerability Summary: Cookie Without Secure Flag

ii. Risk Rating: Low

iii. Confidence Rating: Medium

iv. Description: A cookie has been set without the secure flag, which means that the cookie can be accessed via unencrypted connections.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/

Method: GET

Parameter: nevercache-b39818Attack: No attack specified

• Evidence: Set-Cookie: nevercache-b39818

# i. Vulnerability Summary: Strict-Transport-Security Header Not Set

ii. Risk Rating: Low

iii. Confidence Rating: High

iv. Description: HTTP Strict Transport Security (HSTS) is a web security policy mechanism whereby a web server declares that complying user agents (such as a web browser) are to interact with it using only secure HTTPS connections (i.e. HTTP layered over TLS/SSL). HSTS is an IETF standards track protocol and is specified in RFC 6797.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/robots.txt

Method: GET

• Parameter: No parameter specified

Attack: No attack specifiedEvidence: No evidence available

### i. Vulnerability Summary: Strict-Transport-Security Header Not Set

ii. Risk Rating: Low

iii. Confidence Rating: High

**iv. Description:** HTTP Strict Transport Security (HSTS) is a web security policy mechanism whereby a web server declares that complying user agents (such as a web browser) are to interact with it using only secure HTTPS connections (i.e. HTTP layered over TLS/SSL). HSTS is an IETF standards track protocol and is specified in RFC 6797.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/

Method: GET

Parameter: No parameter specified

Attack: No attack specifiedEvidence: No evidence available

i. Vulnerability Summary: Strict-Transport-Security Header Not Set

ii. Risk Rating: Low

iii. Confidence Rating: High

iv. Description: HTTP Strict Transport Security (HSTS) is a web security policy mechanism whereby a web server declares that complying user agents (such as a web browser) are to interact with it using only secure HTTPS connections (i.e. HTTP layered over TLS/SSL). HSTS is an IETF standards track protocol and is specified in RFC 6797.

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/sitemap.xml

Method: GET

· Parameter: No parameter specified

Attack: No attack specifiedEvidence: No evidence available

i. Vulnerability Summary: Timestamp Disclosure - Unix

ii. Risk Rating: Low

iii. Confidence Rating: Low

iv. Description: A timestamp was disclosed by the application/web server - Unix

v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/robots.txt

Method: GET

Parameter: No parameter specified

Attack: No attack specifiedEvidence: 1710503712

i. Vulnerability Summary: Timestamp Disclosure - Unix

ii. Risk Rating: Low

iii. Confidence Rating: Low

 $\textbf{iv. Description:} \ \textbf{A timestamp was disclosed by the application/web server - Unix}$ 

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/sitemap.xml

Method: GET

• Parameter: No parameter specified

Attack: No attack specifiedEvidence: 1710503712

i. Vulnerability Summary: Timestamp Disclosure - Unix

ii. Risk Rating: Low

iii. Confidence Rating: Low

iv. Description: A timestamp was disclosed by the application/web server - Unix

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/

• Method: GET

Parameter: No parameter specified

Attack: No attack specifiedEvidence: 1710503712

### i. Vulnerability Summary: X-Content-Type-Options Header Missing

ii. Risk Rating: Low

iii. Confidence Rating: Medium

iv. Description: The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/sitemap.xml

· Method: GET

· Parameter: x-content-type-options

Attack: No attack specifiedEvidence: No evidence available

### i. Vulnerability Summary: X-Content-Type-Options Header Missing

ii. Risk Rating: Low

iii. Confidence Rating: Medium

iv. Description: The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/

· Method: GET

Parameter: x-content-type-options

Attack: No attack specifiedEvidence: No evidence available

# i. Vulnerability Summary: X-Content-Type-Options Header Missing

ii. Risk Rating: Low

iii. Confidence Rating: Medium

**iv. Description:** The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/robots.txt

Method: GET

• Parameter: x-content-type-options

Attack: No attack specifiedEvidence: No evidence available

### i. Vulnerability Summary: Timestamp Disclosure - Unix

ii. Risk Rating: Low

iii. Confidence Rating: Low

iv. Description: A timestamp was disclosed by the application/web server - Unix

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/

· Method: GET

· Parameter: No parameter specified

Attack: No attack specified Evidence: 1710503717

### i. Vulnerability Summary: Timestamp Disclosure - Unix

ii. Risk Rating: Low

iii. Confidence Rating: Low

iv. Description: A timestamp was disclosed by the application/web server - Unix

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/robots.txt

· Method: GET

Parameter: No parameter specified

Attack: No attack specifiedEvidence: 1710503717

### i. Vulnerability Summary: Timestamp Disclosure - Unix

ii. Risk Rating: Low

iii. Confidence Rating: Low

iv. Description: A timestamp was disclosed by the application/web server - Unix

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/sitemap.xml

Method: GET

Parameter: No parameter specified

Attack: No attack specifiedEvidence: 1710503717

# i. Vulnerability Summary: Hidden File Found

ii. Risk Rating: Medium

iii. Confidence Rating: Low

iv. Description: A sensitive file was identified as accessible or available. This may leak administrative, configuration, or credential information which can be leveraged by a malicious individual to further attack the system or conduct social engineering efforts.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/.hg

• Method: GET

Parameter: No parameter specified

Attack: No attack specified

• Evidence: HTTP/1.1 202 Accepted

### i. Vulnerability Summary: Hidden File Found

ii. Risk Rating: Medium

iii. Confidence Rating: Low

iv. Description: A sensitive file was identified as accessible or available. This may leak administrative, configuration, or credential information which can be leveraged by a malicious individual to further attack the system or conduct social engineering efforts.

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/.bzr

• Method: GET

Parameter: No parameter specified

Attack: No attack specified

• Evidence: HTTP/1.1 202 Accepted

### i. Vulnerability Summary: Hidden File Found

ii. Risk Rating: Medium

### iii. Confidence Rating: Low

iv. Description: A sensitive file was identified as accessible or available. This may leak administrative, configuration, or credential information which can be leveraged by a malicious individual to further attack the system or conduct social engineering efforts.

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/.\_darcs

Method: GET

· Parameter: No parameter specified

Attack: No attack specified

• Evidence: HTTP/1.1 202 Accepted

### i. Vulnerability Summary: Hidden File Found

ii. Risk Rating: Medium

iii. Confidence Rating: Low

iv. Description: A sensitive file was identified as accessible or available. This may leak administrative, configuration, or credential information which can be leveraged by a malicious individual to further attack the system or conduct social engineering efforts.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/BitKeeper

Method: GET

· Parameter: No parameter specified

Attack: No attack specified

• Evidence: HTTP/1.1 202 Accepted

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

iv. Description: Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in

· Method: GET

· Parameter: Header User-Agent

Attack: Mozilla/4.0 (compatible; MSIE 8.0; Windows NT 6.1)

• Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

iv. Description: Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/

· Method: GET

Parameter: Header User-Agent

• Attack: Mozilla/4.0 (compatible; MSIE 8.0; Windows NT 6.1)

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/sitemap.xml

· Method: GET

• Parameter: Header User-Agent

Attack: Mozilla/4.0 (compatible; MSIE 8.0; Windows NT 6.1)

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/robots.txt

Method: GET

Parameter: Header User-Agent

• Attack: Mozilla/4.0 (compatible; MSIE 8.0; Windows NT 6.1)

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

iv. Description: Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/

Method: GET

Parameter: Header User-Agent

• Attack: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 6.0)

• Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in

• Method: GET

Parameter: Header User-Agent

• Attack: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 6.0)

• Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/sitemap.xml

Method: GET

· Parameter: Header User-Agent

• Attack: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 6.0)

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/robots.txt

Method: GET

Parameter: Header User-Agent

• Attack: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 6.0)

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

iv. Description: Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/

Method: GET

Parameter: Header User-Agent

• Attack: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1)

• Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in

Method: GET

· Parameter: Header User-Agent

• Attack: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1)

• Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/sitemap.xml

· Method: GET

· Parameter: Header User-Agent

• Attack: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1)

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/robots.txt

Method: GET

Parameter: Header User-Agent

• Attack: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1)

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

iv. Description: Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/

Method: GET

Parameter: Header User-Agent

• Attack: Mozilla/5.0 (Windows NT 10.0; Trident/7.0; rv:11.0) like Gecko

• Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in

• Method: GET

Parameter: Header User-Agent

• Attack: Mozilla/5.0 (Windows NT 10.0; Trident/7.0; rv:11.0) like Gecko

• Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/robots.txt

Method: GET

Parameter: Header User-Agent

Attack: Mozilla/5.0 (Windows NT 10.0; Trident/7.0; rv:11.0) like Gecko

Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/sitemap.xml

Method: GET

Parameter: Header User-Agent

• Attack: Mozilla/5.0 (Windows NT 10.0; Trident/7.0; rv:11.0) like Gecko

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/

• Method: GET

• Parameter: Header User-Agent

Attack: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/75.0.3739.0 Safari/537.36 Edg/75.0.109.0

• Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in

Method: GET

· Parameter: Header User-Agent

Attack: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/75.0.3739.0 Safari/537.36 Edg/75.0.109.0

Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/robots.txt

Method: GET

· Parameter: Header User-Agent

Attack: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/75.0.3739.0 Safari/537.36 Edg/75.0.109.0

Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/sitemap.xml

Method: GET

Parameter: Header User-Agent

Attack: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/75.0.3739.0 Safari/537.36 Edg/75.0.109.0

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/

Method: GET

Parameter: Header User-Agent

Attack: Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)

• Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in

Method: GET

· Parameter: Header User-Agent

• Attack: Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)

Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/robots.txt

Method: GET

· Parameter: Header User-Agent

• Attack: Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)

Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/sitemap.xml

Method: GET

Parameter: Header User-Agent

Attack: Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in

• Method: GET

• Parameter: Header User-Agent

Attack: msnbot/1.1 (+http://search.msn.com/msnbot.htm)

• Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/

• Method: GET

· Parameter: Header User-Agent

• Attack: msnbot/1.1 (+http://search.msn.com/msnbot.htm)

Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/robots.txt

Method: GET

• Parameter: Header User-Agent

Attack: msnbot/1.1 (+http://search.msn.com/msnbot.htm)

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/sitemap.xml

Method: GET

Parameter: Header User-Agent

• Attack: msnbot/1.1 (+http://search.msn.com/msnbot.htm)

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/

Method: GET

Parameter: Header User-Agent

Attack: Mozilla/5.0 (compatible; Yahoo! Slurp; http://help.yahoo.com/help/us/ysearch/slurp)

• Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in

Method: GET

· Parameter: Header User-Agent

• Attack: Mozilla/5.0 (compatible; Yahoo! Slurp; http://help.yahoo.com/help/us/ysearch/slurp)

• Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/robots.txt

Method: GET

· Parameter: Header User-Agent

• Attack: Mozilla/5.0 (compatible; Yahoo! Slurp; http://help.yahoo.com/help/us/ysearch/slurp)

Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/sitemap.xml

Method: GET

Parameter: Header User-Agent

• Attack: Mozilla/5.0 (compatible; Yahoo! Slurp; http://help.yahoo.com/help/us/ysearch/slurp)

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/

• Method: GET

• Parameter: Header User-Agent

Attack: Mozilla/5.0 (iPhone; U; CPU iPhone OS 3\_0 like Mac OS X; en-us) AppleWebKit/528.18 (KHTML, like Gecko) Version/4.0 Mobile/7A341
 Safari/528.16

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in

· Method: GET

• Parameter: Header User-Agent

Attack: Mozilla/5.0 (iPhone; U; CPU iPhone OS 3\_0 like Mac OS X; en-us) AppleWebKit/528.18 (KHTML, like Gecko) Version/4.0 Mobile/7A341
 Safari/528.16

Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/robots.txt

Method: GET

· Parameter: Header User-Agent

Attack: Mozilla/5.0 (iPhone; U; CPU iPhone OS 3\_0 like Mac OS X; en-us) AppleWebKit/528.18 (KHTML, like Gecko) Version/4.0 Mobile/7A341
 Safari/528.16

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/sitemap.xml

Method: GET

· Parameter: Header User-Agent

Attack: Mozilla/5.0 (iPhone; U; CPU iPhone OS 3\_0 like Mac OS X; en-us) AppleWebKit/528.18 (KHTML, like Gecko) Version/4.0 Mobile/7A341

Safari/528.16

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/

• Method: GET

Parameter: Header User-Agent

Attack: Mozilla/5.0 (iPhone; CPU iPhone OS 8\_0\_2 like Mac OS X) AppleWebKit/600.1.4 (KHTML, like Gecko) Version/8.0 Mobile/12A366 Safari/600.1.4

• Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in

Method: GET

• Parameter: Header User-Agent

Attack: Mozilla/5.0 (iPhone; CPU iPhone OS 8\_0\_2 like Mac OS X) AppleWebKit/600.1.4 (KHTML, like Gecko) Version/8.0 Mobile/12A366 Safari/600.1.4

Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/robots.txt

Method: GET

· Parameter: Header User-Agent

Attack: Mozilla/5.0 (iPhone; CPU iPhone OS 8\_0\_2 like Mac OS X) AppleWebKit/600.1.4 (KHTML, like Gecko) Version/8.0 Mobile/12A366 Safari/600.1.4

Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/sitemap.xml

Method: GET

Parameter: Header User-Agent

Attack: Mozilla/5.0 (iPhone; CPU iPhone OS 8\_0\_2 like Mac OS X) AppleWebKit/600.1.4 (KHTML, like Gecko) Version/8.0 Mobile/12A366 Safari/600.1.4

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/

• Method: GET

Parameter: Header User-Agent

Attack: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:93.0) Gecko/20100101 Firefox/91.0

• Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in

• Method: GET

· Parameter: Header User-Agent

Attack: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:93.0) Gecko/20100101 Firefox/91.0

Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/robots.txt

Method: GET

· Parameter: Header User-Agent

Attack: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:93.0) Gecko/20100101 Firefox/91.0

Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/sitemap.xml

Method: GET

Parameter: Header User-Agent

• Attack: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:93.0) Gecko/20100101 Firefox/91.0

• Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/

• Method: GET

Parameter: Header User-Agent

Attack: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/91.0.4472.124 Safari/537.36

• Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in

Method: GET

· Parameter: Header User-Agent

• Attack: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/91.0.4472.124 Safari/537.36

Evidence: No evidence available

# i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

### v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in/robots.txt

Method: GET

• Parameter: Header User-Agent

Attack: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/91.0.4472.124 Safari/537.36

Evidence: No evidence available

### i. Vulnerability Summary: User Agent Fuzzer

ii. Risk Rating: Informational

iii. Confidence Rating: Medium

**iv. Description:** Check for differences in response based on fuzzed User Agent (eg. mobile sites, access as a Search Engine Crawler). Compares the response statuscode and the hashcode of the response body with the original response.

### v. Details to Reproduce the Instance:

URL: https://srcw.ac.in/sitemap.xml

Method: GET

Parameter: Header User-Agent

• Attack: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/91.0.4472.124 Safari/537.36

• Evidence: No evidence available

### i. Vulnerability Summary: Spring4Shell

ii. Risk Rating: High

iii. Confidence Rating: Medium

iv. Description: The application appears to be vulnerable to CVE-2022-22965 (otherwise known as Spring4Shell) - remote code execution (RCE) via data binding.

# v. Details to Reproduce the Instance:

• URL: https://srcw.ac.in

· Method: POST

• Parameter: No parameter specified

Attack: class.module.classLoader.DefaultAssertionStatus=nonsense

• Evidence: HTTP/1.1 400 Bad Request