

The Assignment on Information Security (UE19CS347)

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Section: G

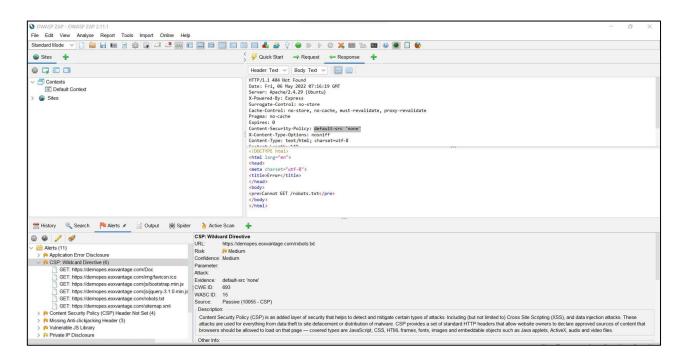
Pentest report on:

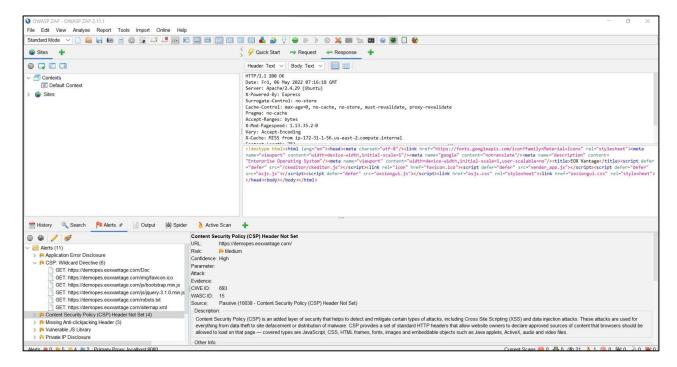
Pen testing the given websites using ZAP (Zed attack Proxy) tool. Thescreenshots for the same have been attached.

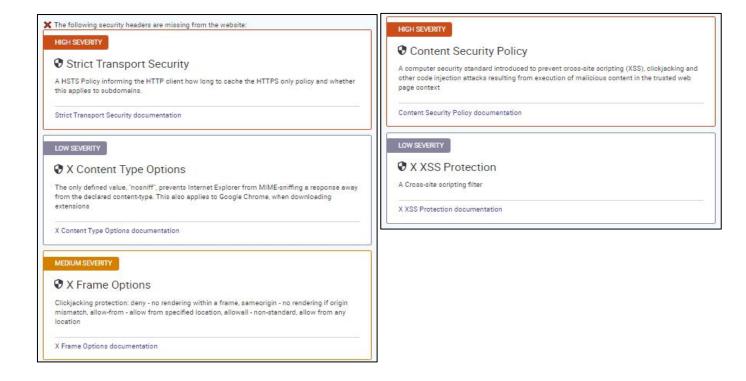
The three websites are primarily vulnerable to XSS attack as seen from the CSP header not set alerts. Content Security policy is a countermeasure to only allow trusted sources and JavaScript DOMs to be called and executed. The absence of the same makes all the three sites vulnerable.

Apart from XSS, the websites also contain anti click jacking and vulnerable JavaScript libraries which can be exploited.

1. https://demopes.eoxvantage.com/



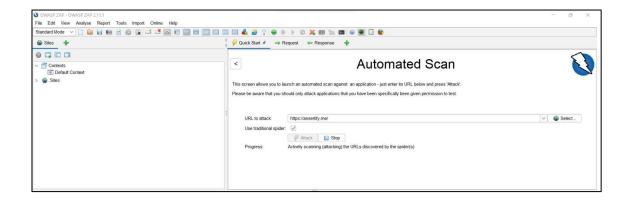


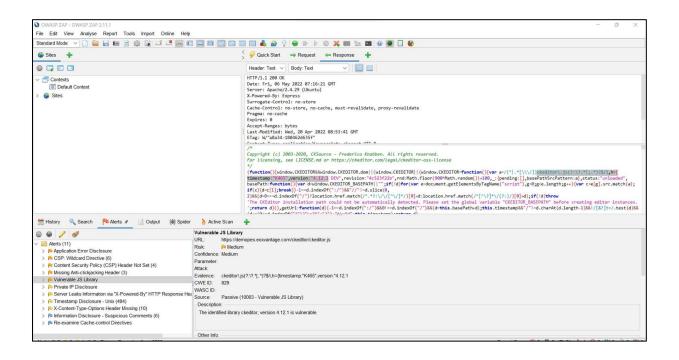


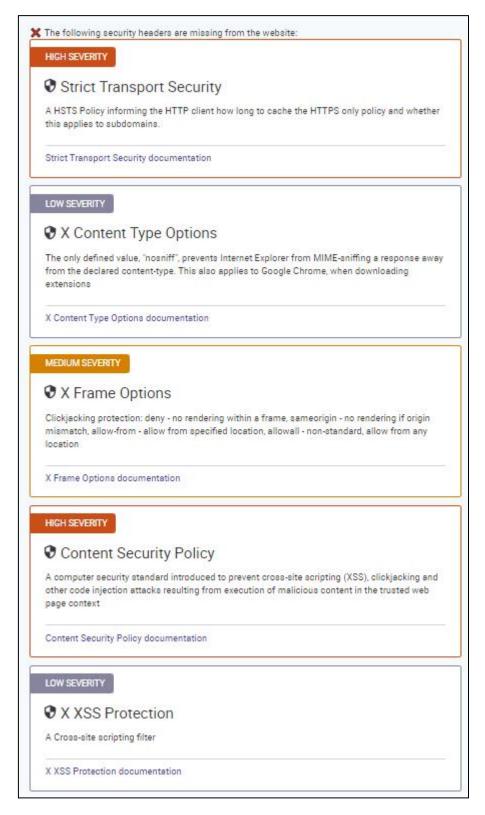
It's noticed that the website is prone to attacks by cross site scripting. For, the header that thwarts this attack's missing from it. The absence of HSTS policy on the website leads any attacker to abate this website to HTTP. Hopefully, the site is safe from attacks by CSRF and SQL injection.

2. https://frizzleweather.com/

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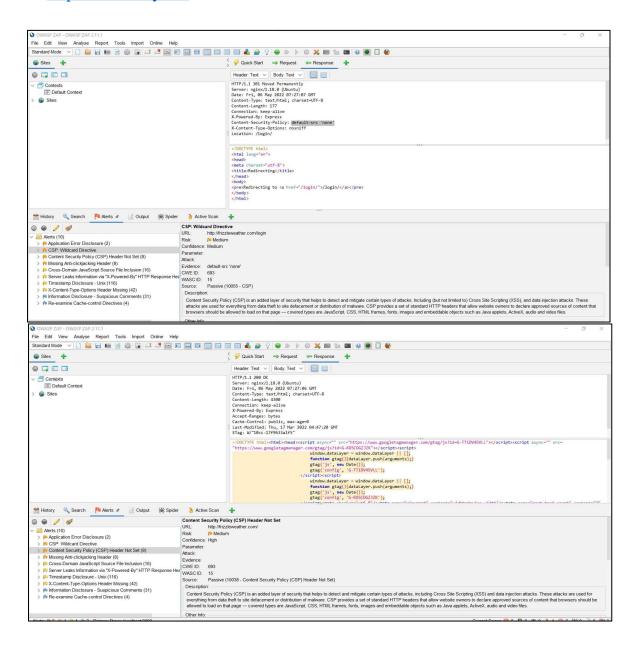




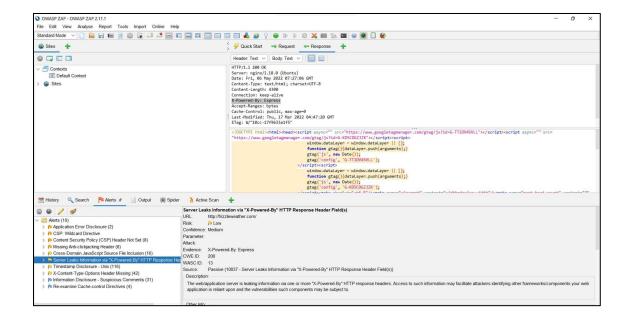


As observed in the previous website, the absence of a couple of headers poses hazardous harm to this website, with XSS taking the lion's share.

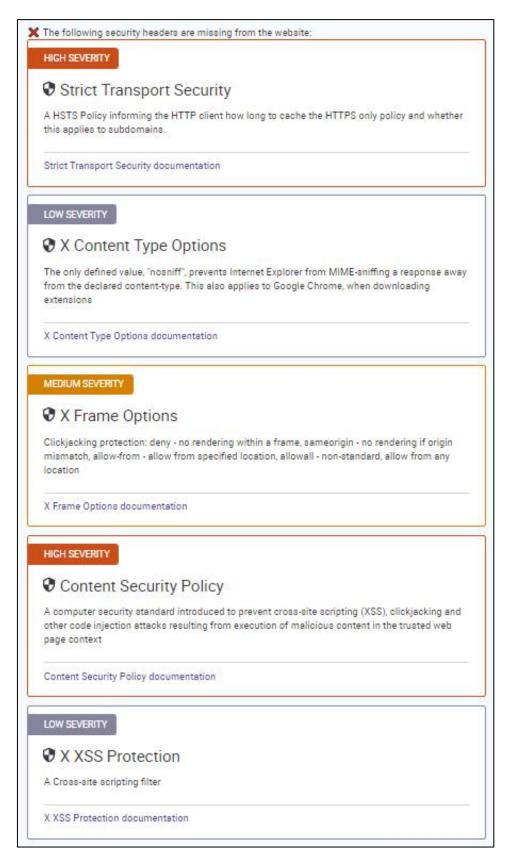
3. https://assertify.me



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Once again, this website, too, is prone to XSS.