

## New Flash bypass discovered

You may wish to [combine this with a token](#), because Flash running on Safari on OSX [can set this header if there's a redirect step](#). It appears [it also worked on Chrome](#), but is now remediated. [More details here](#) including different versions affected.

[OWASP Recommend combining this with an Origin and Referer check](#):

This defense technique is specifically discussed in section 4.3 of Robust Defenses for Cross-Site Request Forgery. However, bypasses of this defense using Flash were documented as early as 2008 and again as recently as 2015 by Mathias Karlsson to exploit a CSRF flaw in Vimeo. But, we believe that the Flash attack can't spoof the Origin or Referer headers so by checking both of them we believe this combination of checks should prevent Flash bypass CSRF attacks. (NOTE: If anyone can confirm or refute this belief, please let us know so we can update this article)

However, for the reasons already discussed checking Origin can be tricky.