

Web hacking basics: Bypassing client-side controls

JavaScript is a programming language that is used in browsers client-side scripting. JavaScript can be used to modify the appearance of web page. Sometimes it is used to limit user selection options or force security policies. Since JavaScript is used in client-side, it is easy to modify.

Also one should realize that all parameters of a web page can be modified before sending them to a server. Modifying can be done by using browser add on programs or proxy server such as Paros Proxy or Burp proxy.

In this exercise we will test your skills on different challenges. If you get stuck ask the teacher a hint.

Note that at least one of these exercises will be at the online exam at the end of the course.

Hack or Die <http://bytewar.net/?page=main> web page contains simple JavaScript exercises. To solve them you need to look at the source code and understand the logic of it. Sometimes everything is not like they seem to be at first glance. Remember also that some exercises require you to switch the JavaScript off from web browser.

1. Do the Hack This Site (<http://www.hackthissite.org/>) basic missions 1-5.
2. Do the Hack This Site (<http://www.hackthissite.org/>) realistic 1.
3. The Try2Hack site <http://www.try2hack.nl/>

If you wish and have time you can solve more realistic missions.