Cybersecurity

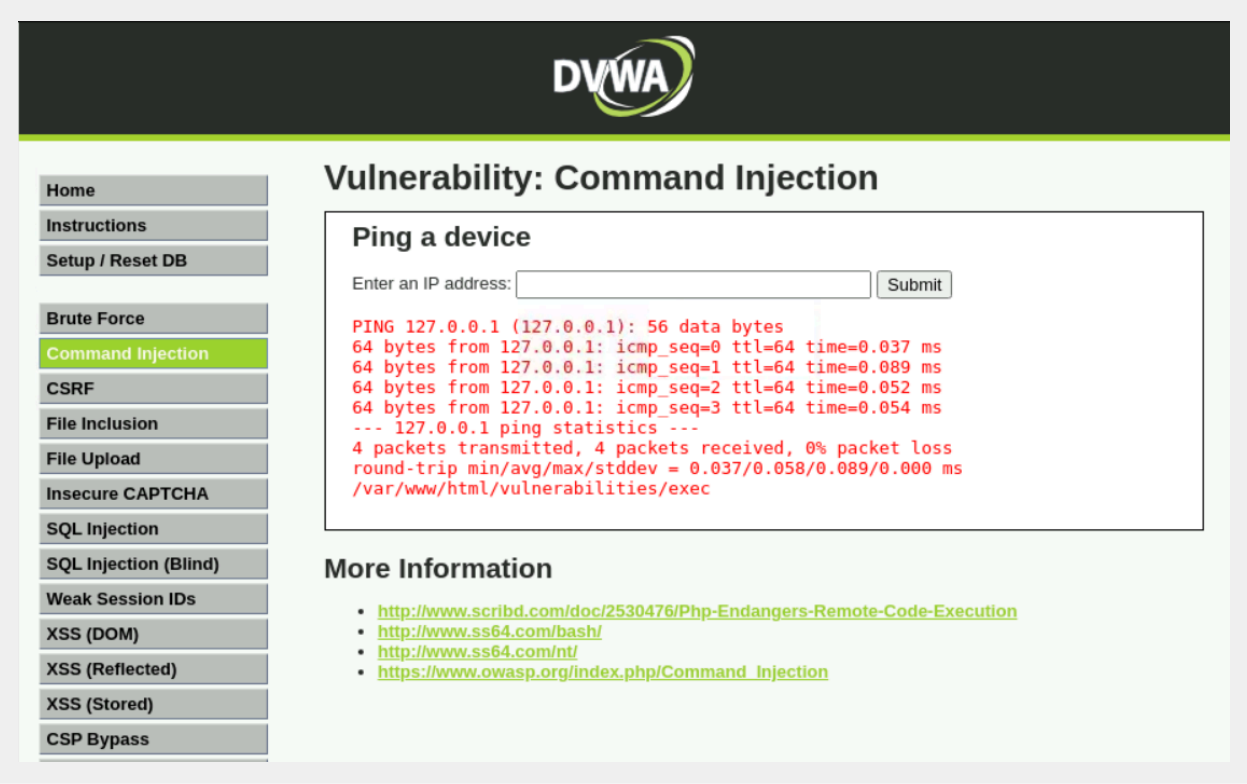
Module 15 Challenge Submission File

Testing Web Applications for Vulnerabilities

Make a copy of this document to work in, and then respond to each question below the prompt. Save and submit this completed file as your Challenge deliverable.

Web Application 1: *Your Wish is My Command Injection*

Provide a screenshot confirming that you successfully completed this exploit:

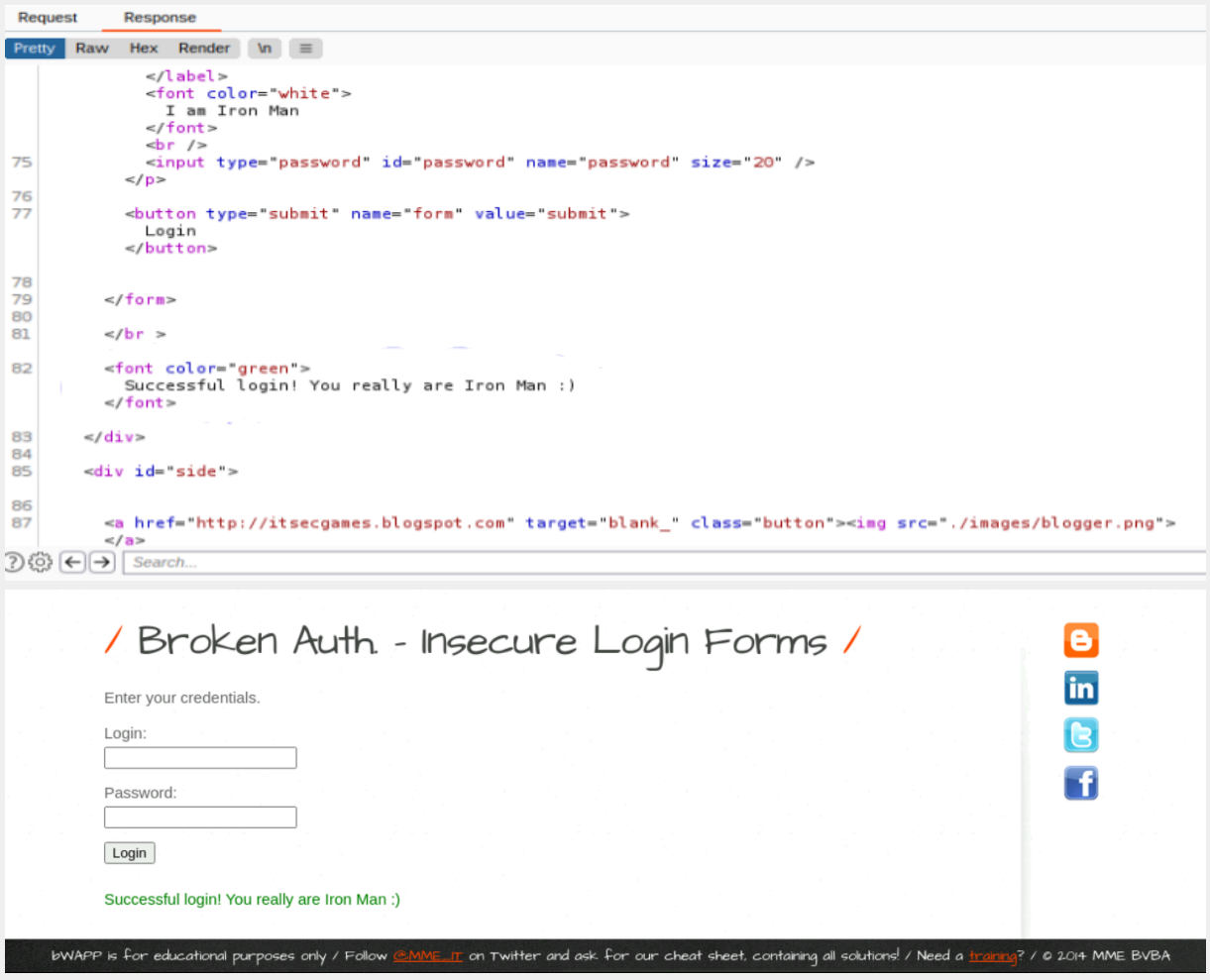


Write two or three sentences outlining mitigation strategies for this vulnerability:

Using proper coding practices and regularly updating and patching software, can help. Also, conducting thorough security assessments, and employing intrusion detection systems.

Web Application 2: *A Brute Force to Be Reckoned With*

Provide a screenshot confirming that you successfully completed this exploit:

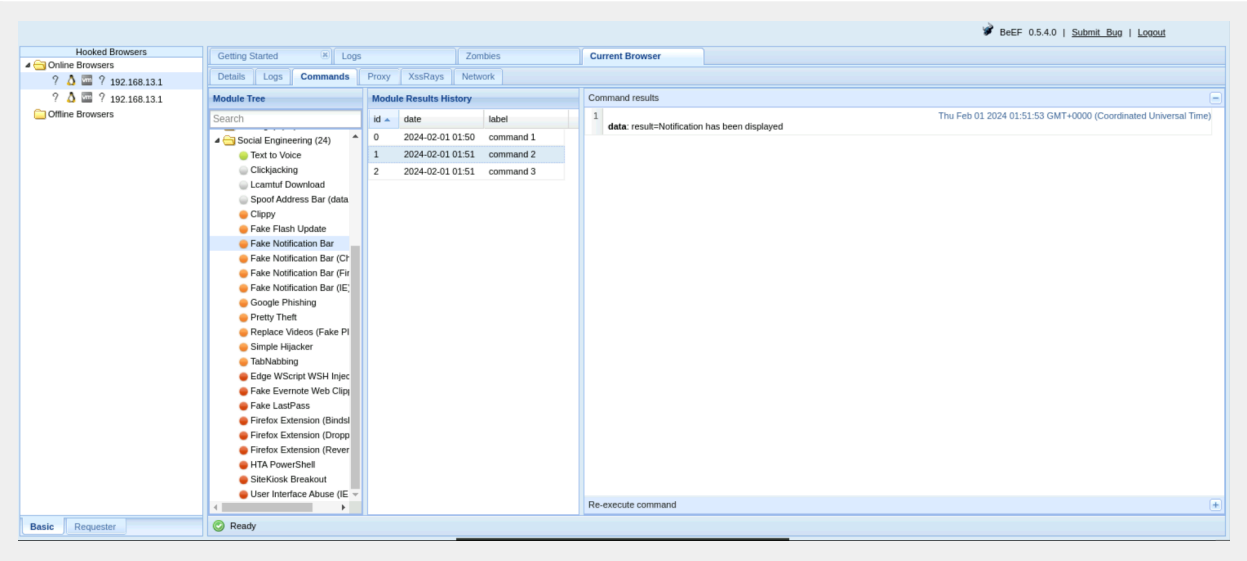


Write two or three sentences outlining mitigation strategies for this vulnerability:

Locking out an account after a certain number of failed attempts, as many websites do. Also, requiring usernames and passwords to be more complex. Also, using multi-factor authentication.

Web Application 3: *Where's the BeEF?*

Provide a screenshot confirming that you successfully completed this exploit:



Write two or three sentences outlining mitigation strategies for this vulnerability:

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Regularly updating passwords is a very good way to prevent this
vulnerability. Also, performing security tests such as pen testing.
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