

Experiment No. 8

Title: Password Cracking - Burp suite, Cain and Abel

Batch: B2 Roll No.: 16010420117 Experiment No.: 8

Aim: To implement password cracking using Burp suite and Cain and Abel

Resources needed: Burp suite Professional, Cain Abel open source tool

Theory

Procedure / Approach / Algorithm / Activity Diagram:

Implementation:

Task1: Explain dictionary attack step by step using Burp Suite (Including screen shots)

Task2: Explore any web exploit step by step using Cain Abel (Including screen shots)

Questions:

1) What is the difference between Burp suite and open source Cain Abel?

(Justify your answer with features).

Ans: Burp or Burp Suite is a set of tools used for penetration testing of web applications while cain abel is password recovery tool.

Result: Screenshots of task 1 and 2 demonstrating the activity.

Open Burp Suite and start proxy:

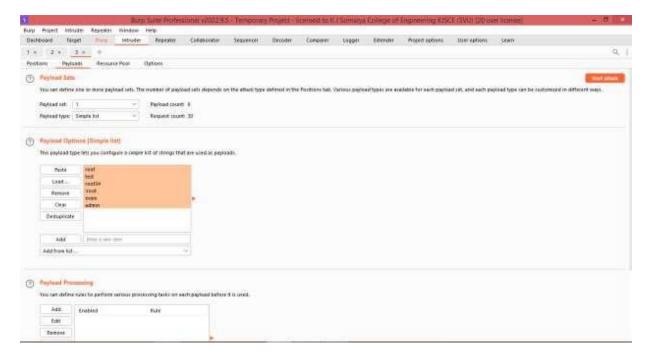


Used test website: http://altoro.testfire.net/login.jsp to perform dictionary attack using burp suite

Intercept form submission packet and send to intruder

Chosen attack type cluster bomb: Added payload markers to username and password

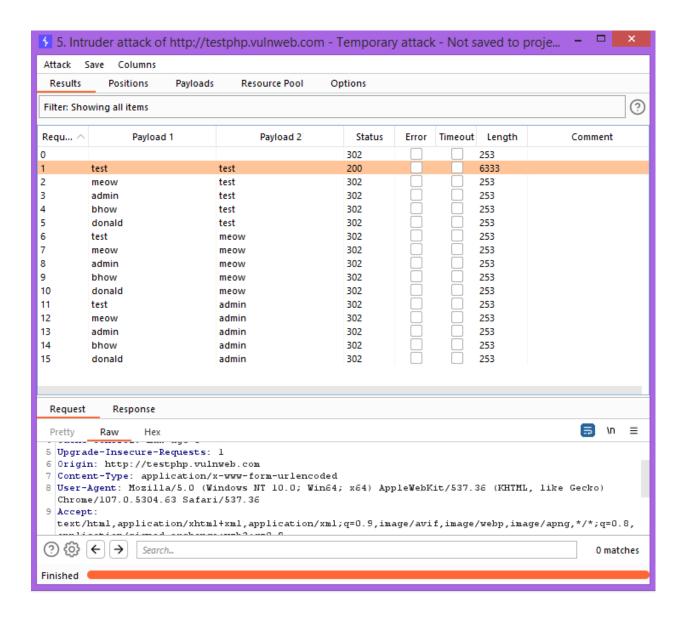
Added Payloads



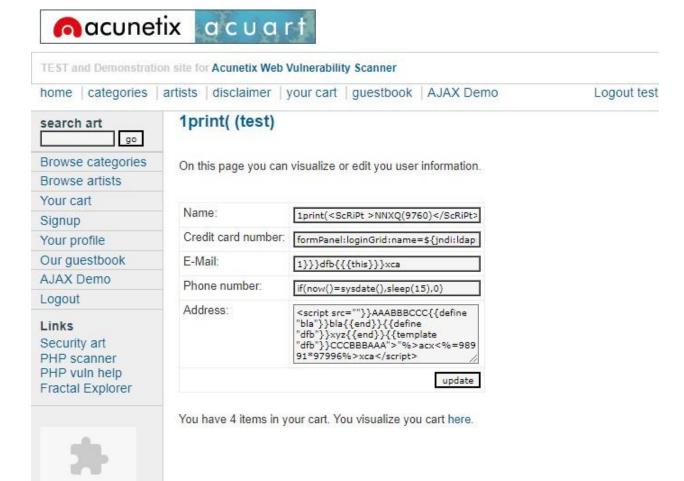
Started attack

Attack successful









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Outcomes: CO4: Understand Security issues related to Software, Web and Networks.
Conclusion: (Conclusion to be based on the objectives and outcomes achieved) Attacks using burpsuit is implemented successfully.
Grade: AA / AB / BB / BC / CC / CD /DD
Signature of faculty in-charge with date

References:

Books/ Journals/ Websites:

- 1. https://en.wikipedia.org/wiki/Cain_and_Abel_(software)
- 2. https://www.darknet.org.uk/2007/01/cain-and-abel-download-windows-password-cracker/
- 3. https://sectools.org/tool/cain/
- 4. https://portswigger.net/burp/pro