

# Experiment No. 8

Title: Password Cracking - Burp suite

Batch: B2 Roll No.:16010421119 Experiment No.:8

Aim: To implement password cracking using Burp suite

**Resources needed:** Burp suite Professional or open source tool, XAMPP

### **Theory**

- 1) Password based authentication systems –
- 2) Attacks on password based authentication systems -

### Procedure / Approach / Algorithm / Activity Diagram:

- 1) Installation of Burp suite and other utilities (open source/ freeware/ trial versions)
- 2) Perform password cracking using Burp suite (refer to sample video uploaded)

**Implementation:** Audio-Video recording of the mentioned activities performed with your own voice.(upload .mp4 file along with final writeup)

### Link to the video:

https://drive.google.com/drive/folders/1uHkOssr-b51E41ta5fZ8yoKCD3Ogg1d2?usp=sharing

#### **Questions:**

1) Explore any other use of Burp suite.

Ans. **Spidering and Scanning:** Burp Suite can be used to spider and scan web applications. The Spider tool helps in mapping out the application's structure by following links and identifying various parts of the website. The Scanner tool automatically identifies security vulnerabilities like SQL injection, cross-site scripting (XSS), and more.

#### **Outcomes:**

**CO 4:** *Understand Security issues related to Software, Web and Networks.* 

#### **Conclusion:**

Learned and implemented brute force approach of password cracking using cluster bomb attack using xampp, burp suite and dvwa.

Grade: AA / AB / BB / BC / CC / CD /DD

Signature of faculty in-charge with date

### **References:**

## **Books/ Journals/ Websites:**

- 1. https://portswigger.net/burp/pro
- 2. https://www.apachefriends.org/download.html