



Cybersecurity

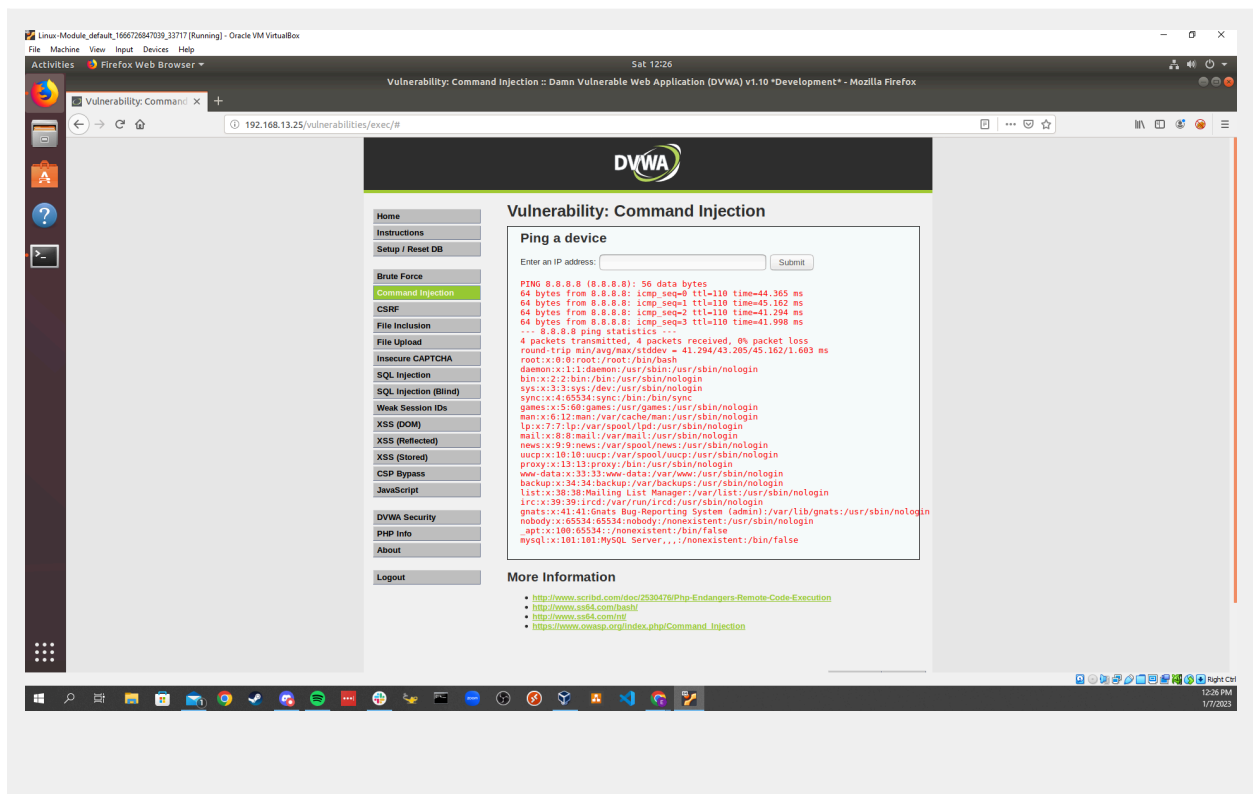
Module 15 Challenge Submission File

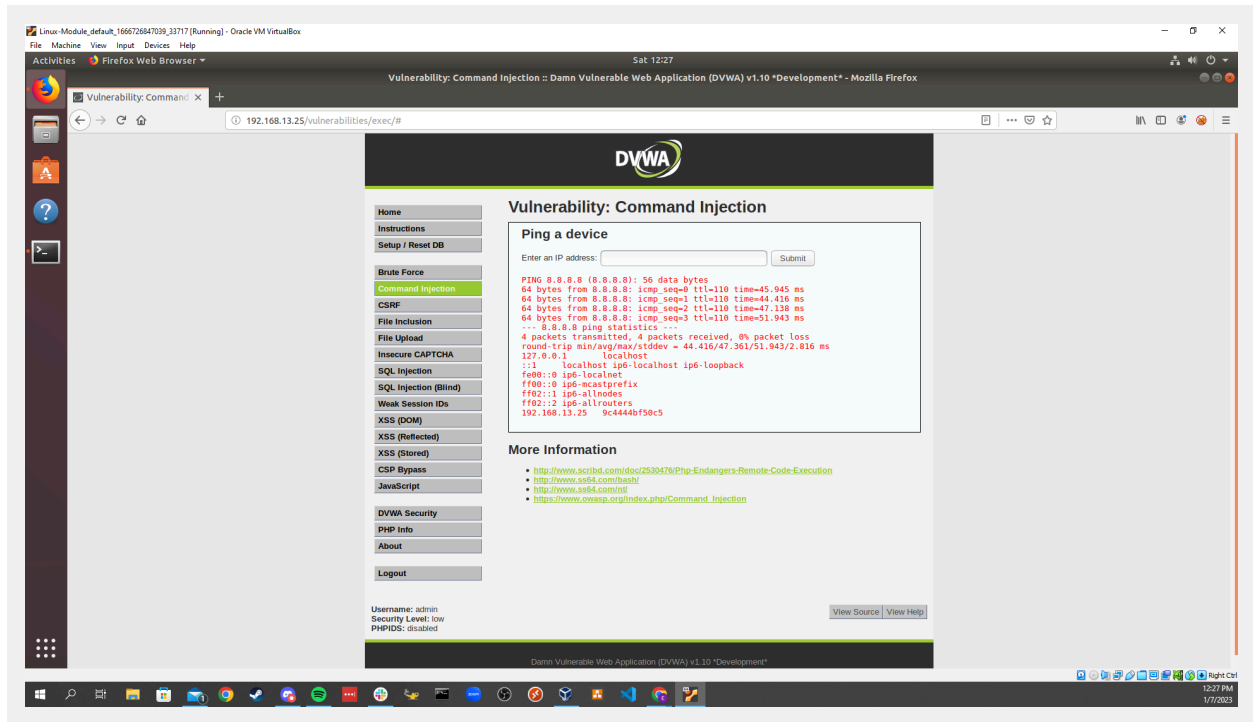
Testing Web Applications for Vulnerabilities

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:



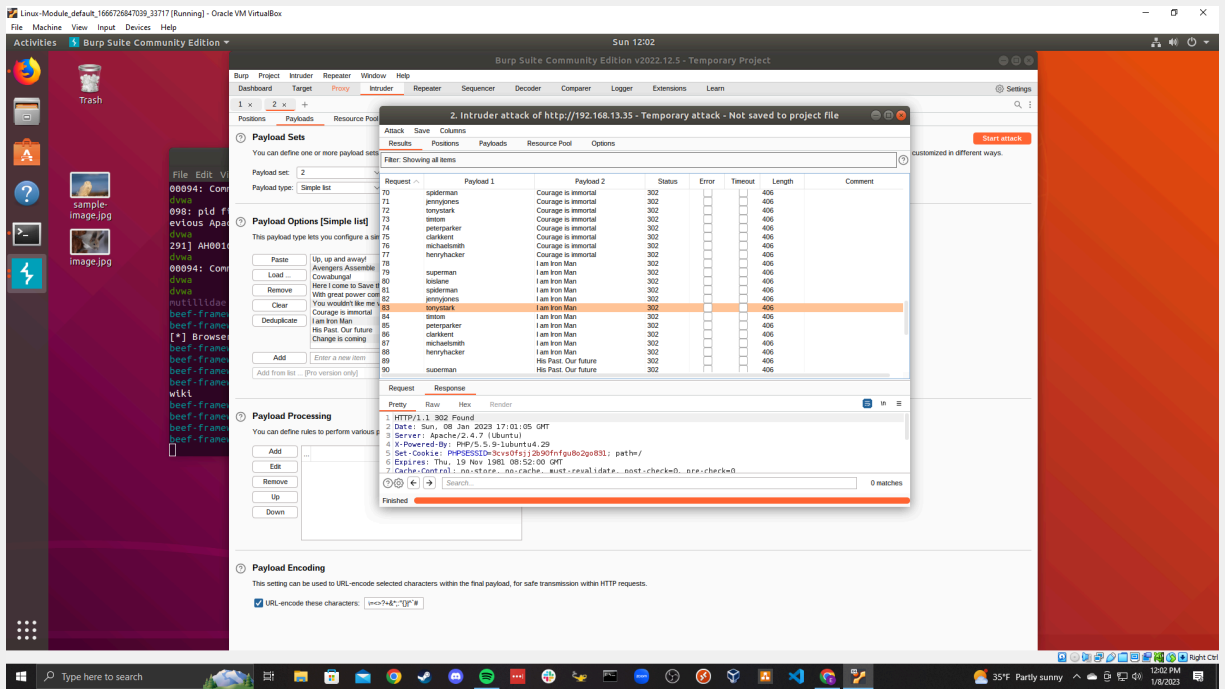
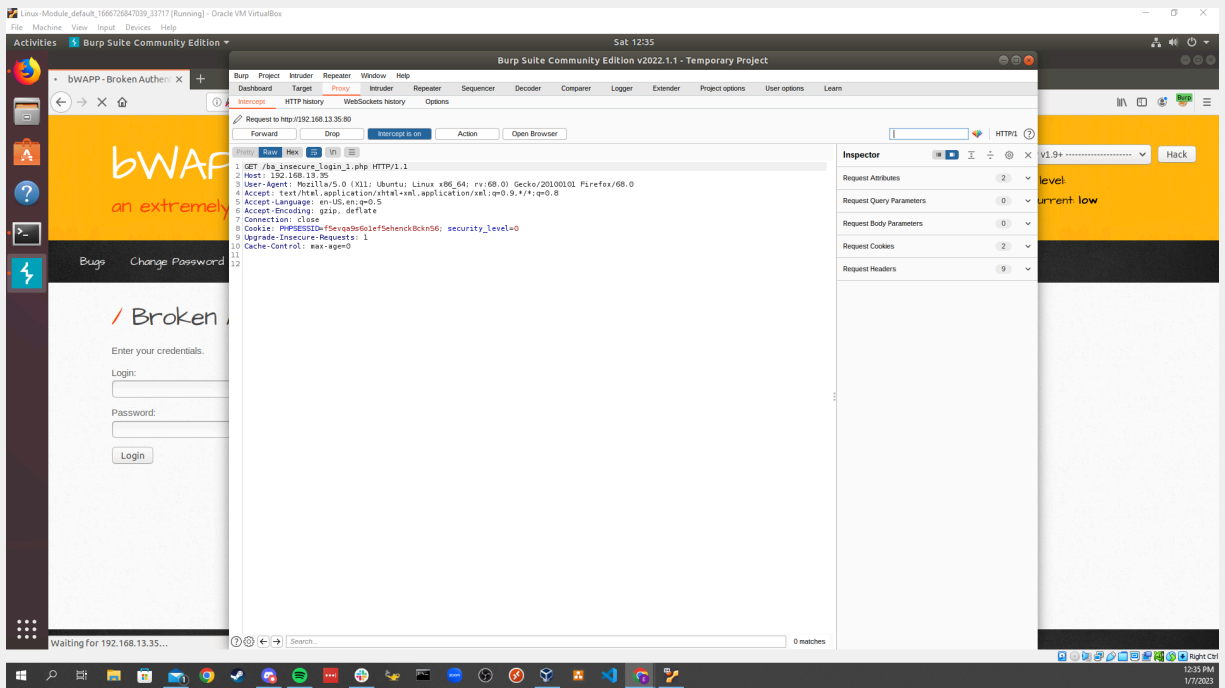


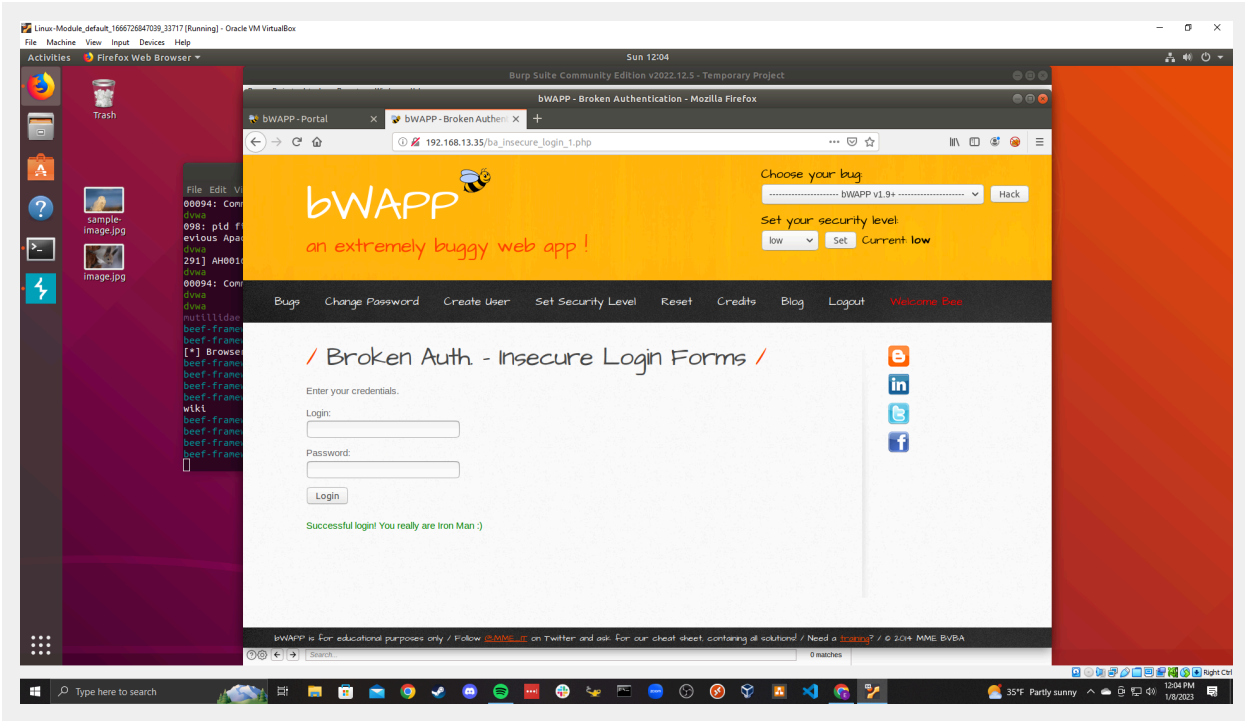
Write two or three sentences outlining mitigation strategies for this vulnerability:

The first way to combat a command injection is to prevent user input as much as possible. Also, to have automatic testing be ran to prevent unwanted characters.

Web Application 2: A Brute Force to Be Reckoned With

Provide a screenshot confirming that you successfully completed this exploit:



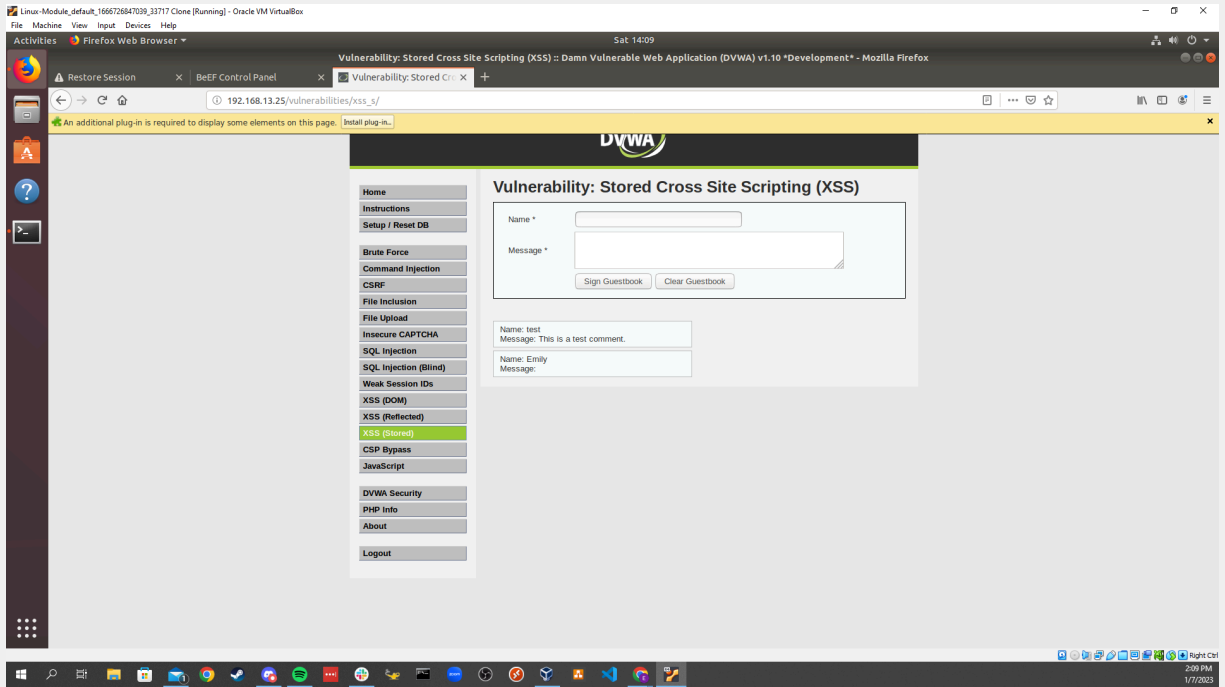
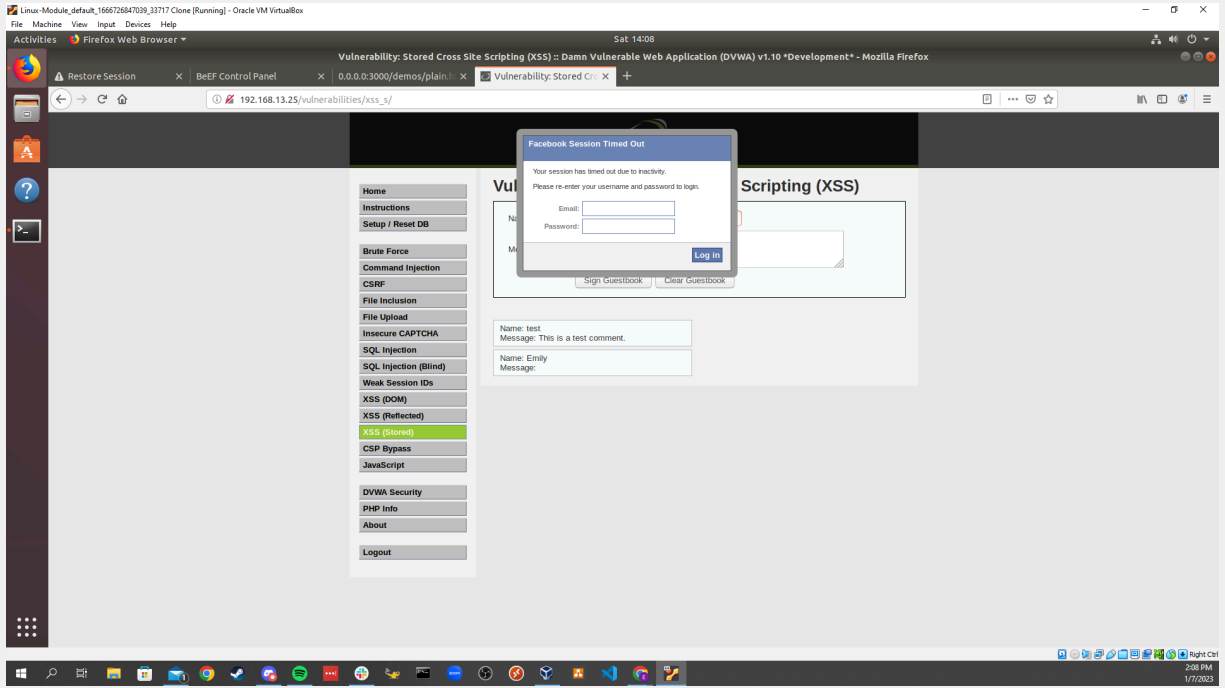


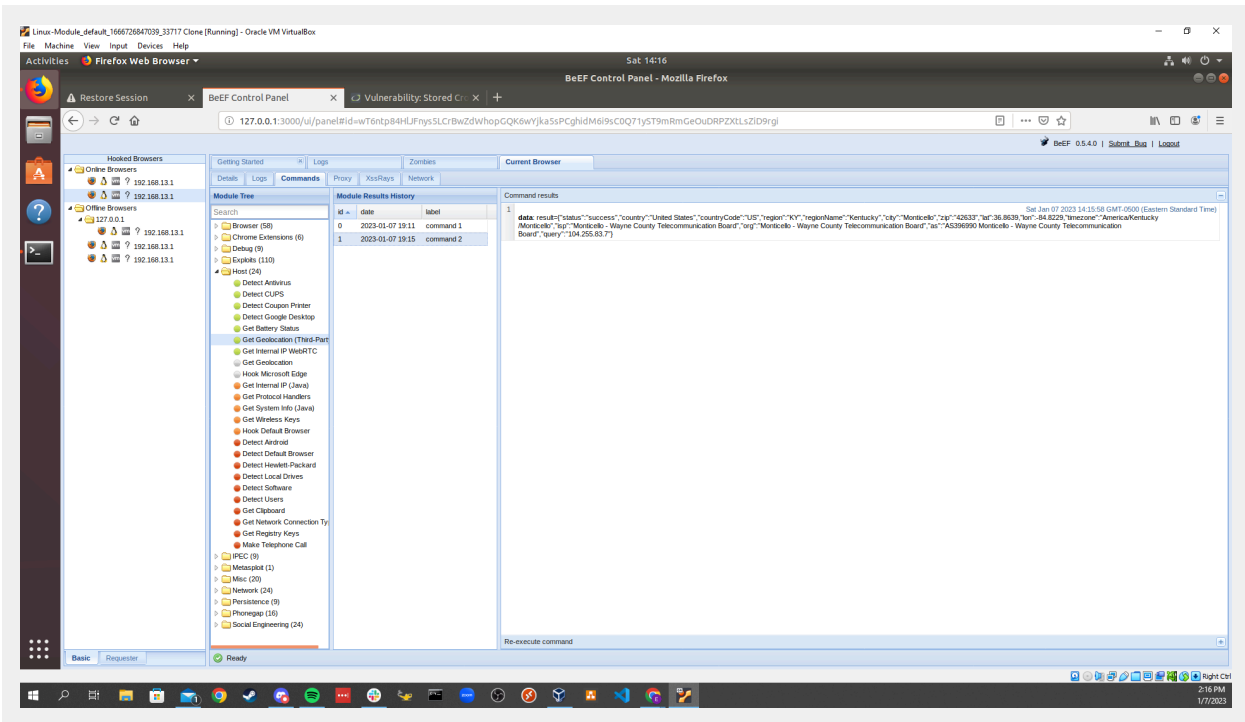
Write two or three sentences outlining mitigation strategies for this vulnerability:

There are many ways to mitigate brute force. The main one is to use strong passwords. Another way would be to use two factor authentication. Also, limiting login attempts could prevent brute force.

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:

A way to mitigate cross site scripting would be to limit what someone can do. Also, to validate what is being added to make sure it is correct. The final way would be to remove all unwanted data.