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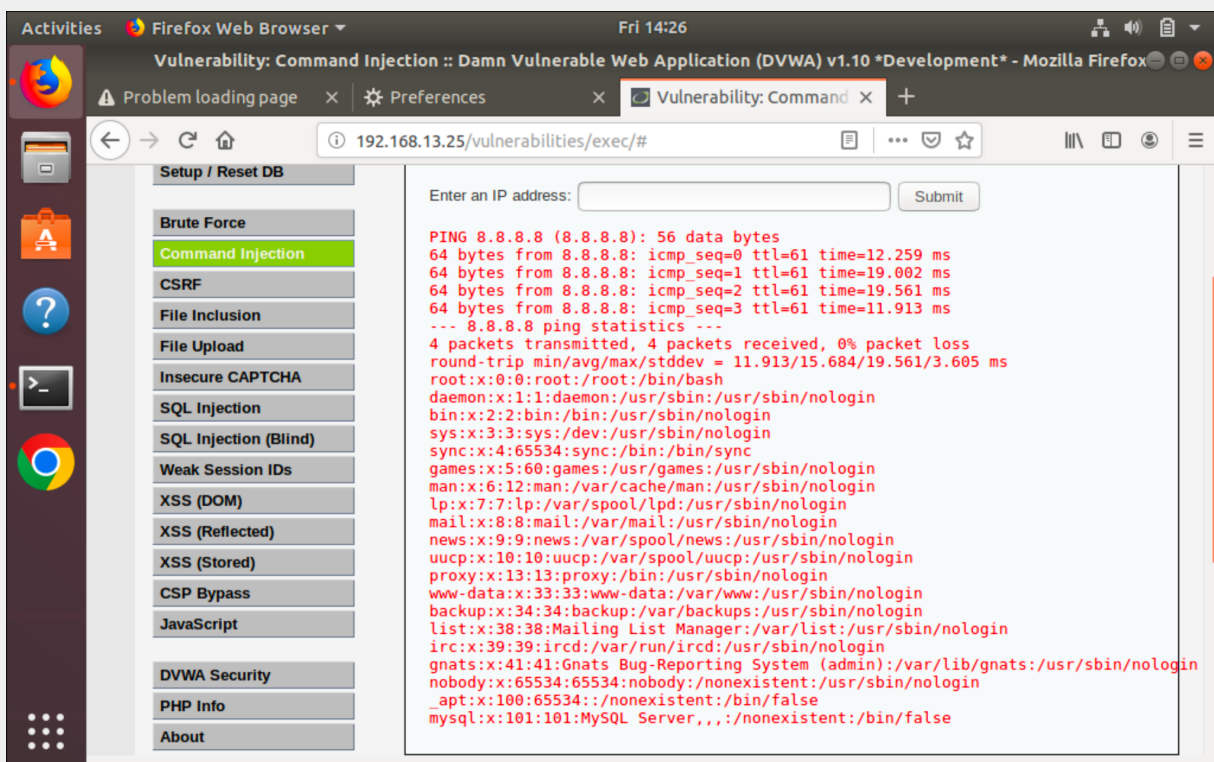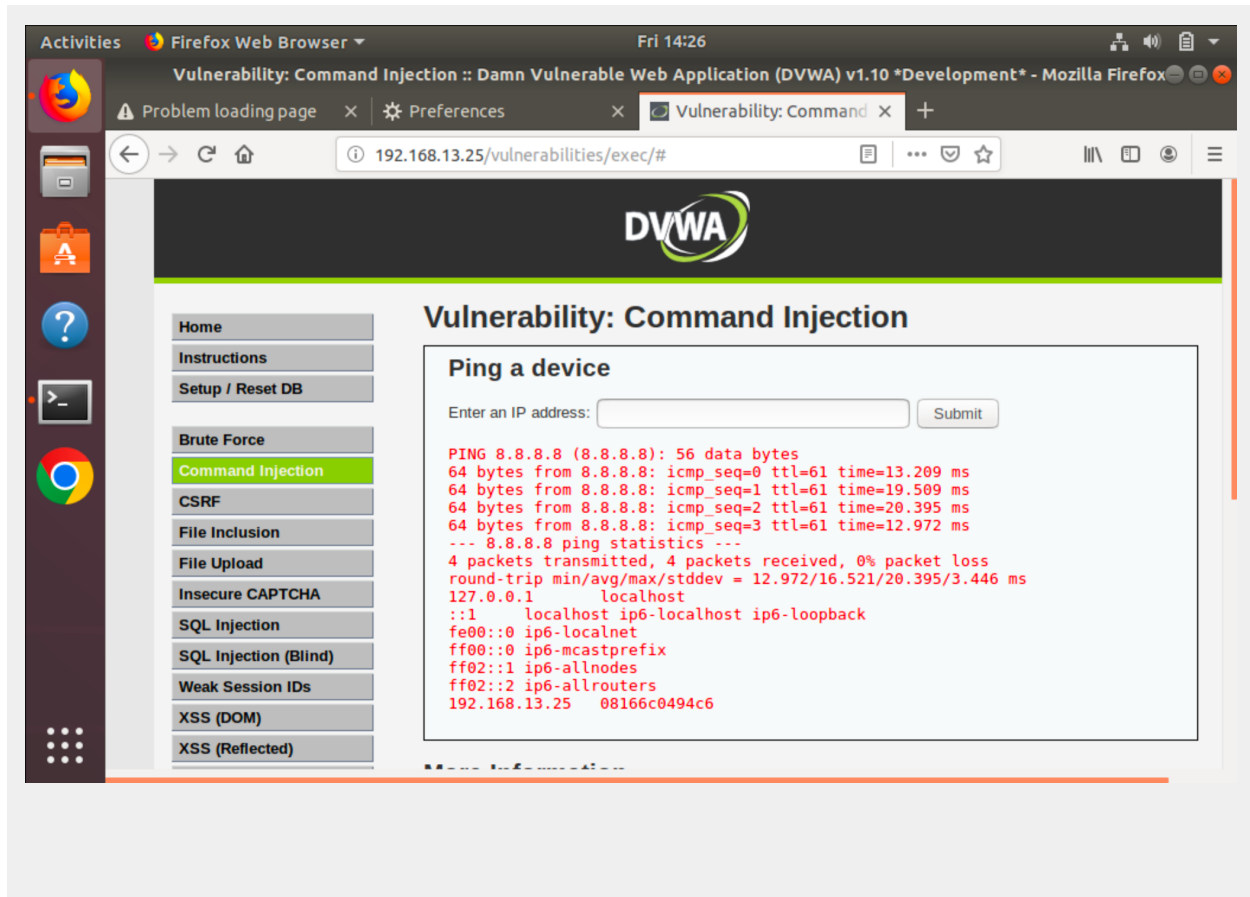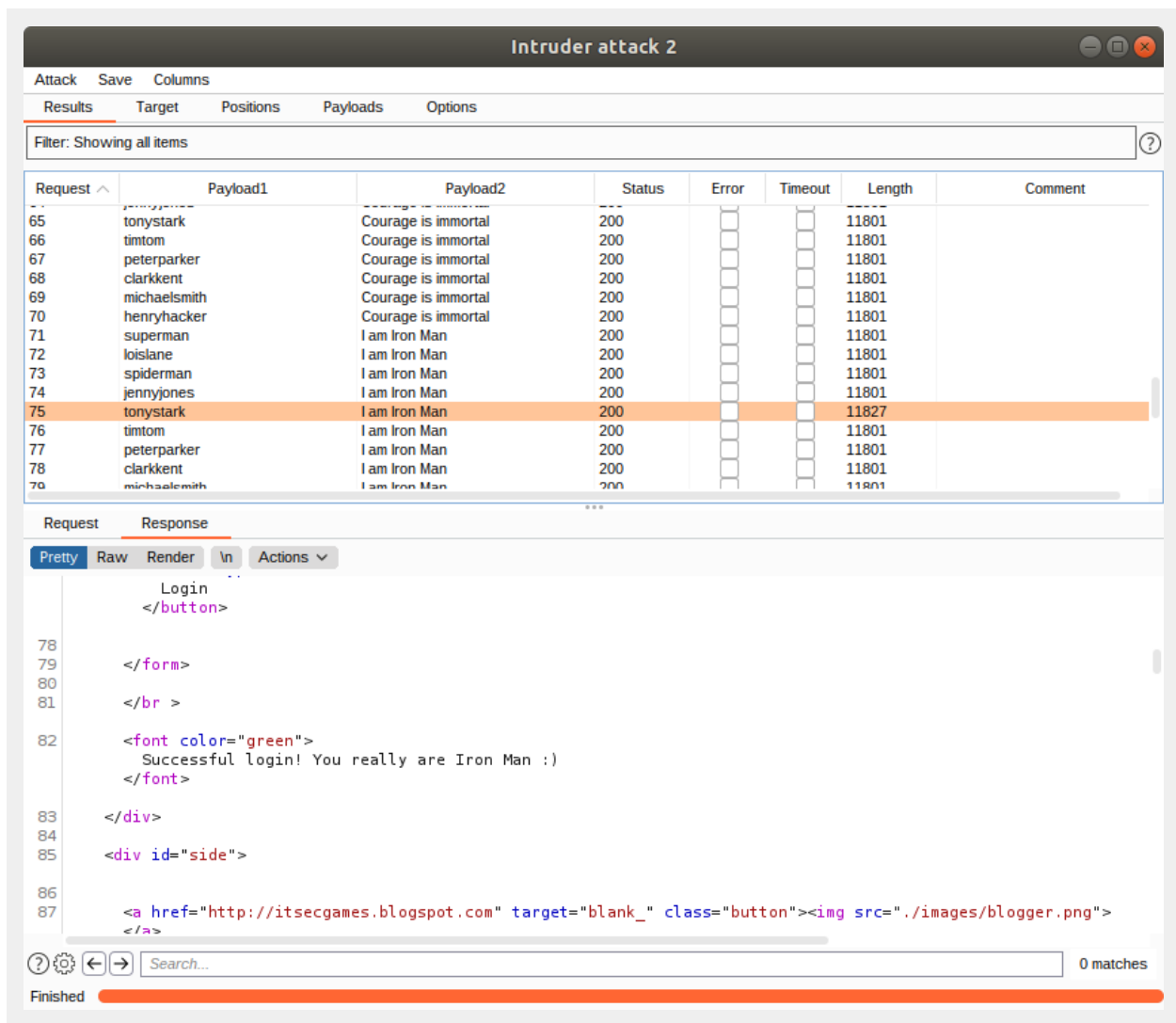
Write two or three sentences outlining mitigation strategies for this vulnerability:

```
Permissions to restrict web server account accessibility.
Server-side validation that does not allow selection of unintended files.
Segregation of confidential files from the web server and accessible
directories.
```

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

Provide a screenshot confirming that you successfully completed this exploit:
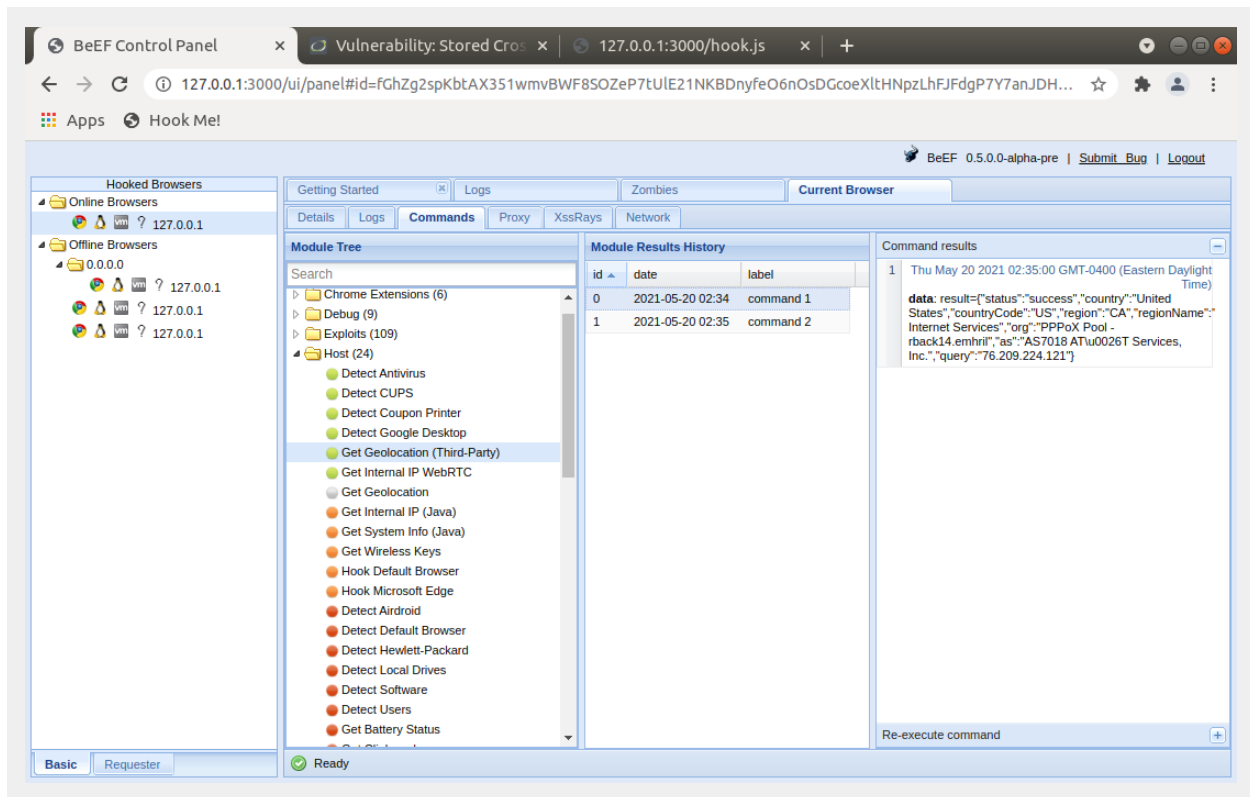
Write two or three sentences outlining mitigation strategies for this vulnerability:

Mitigations can include requiring complex usernames and passwords, using multi-factored authentication, and enabling a lockout after a certain amount of failed login attempts

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:

Input validation is a common method used to mitigate cross-site scripting. Inspect all elements