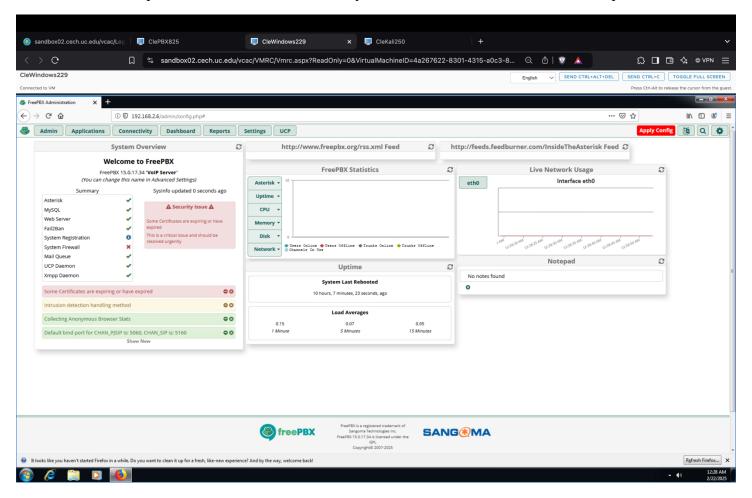
Name: Amit S Terdal CSU ID: 2887869

Exercise 1: Complete Scenario 3 – PBX Hacking Scenario Lab as described in the attached document and provide the response to the following tasks/questions:

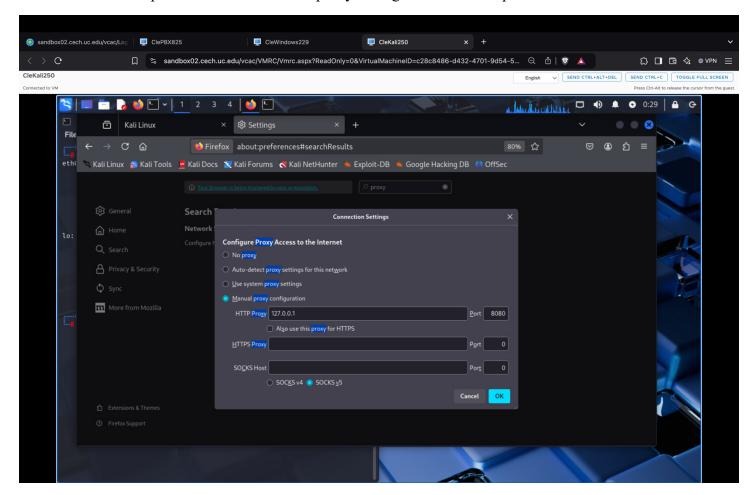
## Part One: Setup PBX

1. Part One - Please provide the screen shot of the "System Overview" screen achieved in step10.



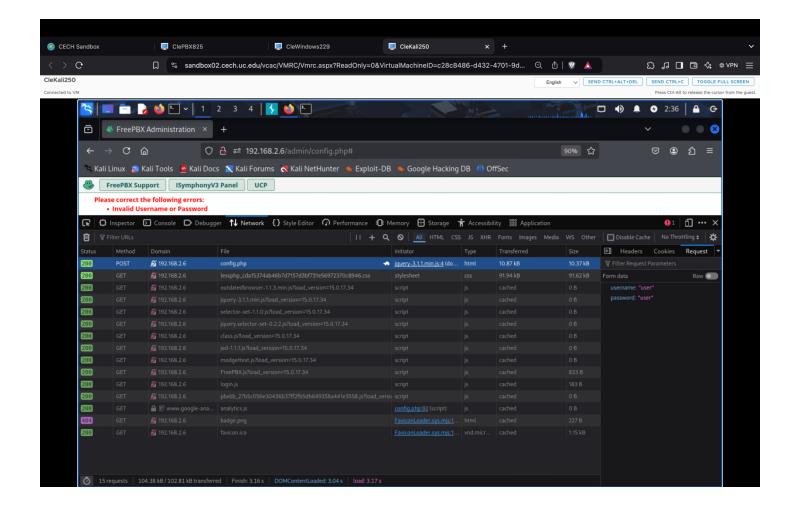
# Part Two: Configuring System for Web Application Analysis

2. Part Two - Please provide the screenshot of proxy settings done at the step 13.



## Part Three: Analysis using Inspect Element

3. Part Three - Please provide a screenshot of passed credentials from the network tab.



4. Part Three - What is "Inspect Element," and why is it used in web development?

Inspect Element is a developer tool built into modern web browsers like Chrome, Firefox, and Edge. It allows users to view and modify the HTML, CSS, and JavaScript of a webpage in real time.

### Why is it used?

- Debugging: Developers can identify and fix issues in code.
- UI/UX Testing: Modify styles and structure without altering the source code.
- Web Scraping: Extract data from a webpage.
- Security Testing: Analyze network requests and identify vulnerabilities.

In ethical hacking, "Inspect Element" is used to monitor web requests and responses, helping security professionals detect weak authentication mechanisms.

## Part Four: Hacking with Hydra

5. Part Four - Please provide the screenshot of the login credentials which are obtained using Hydra.

