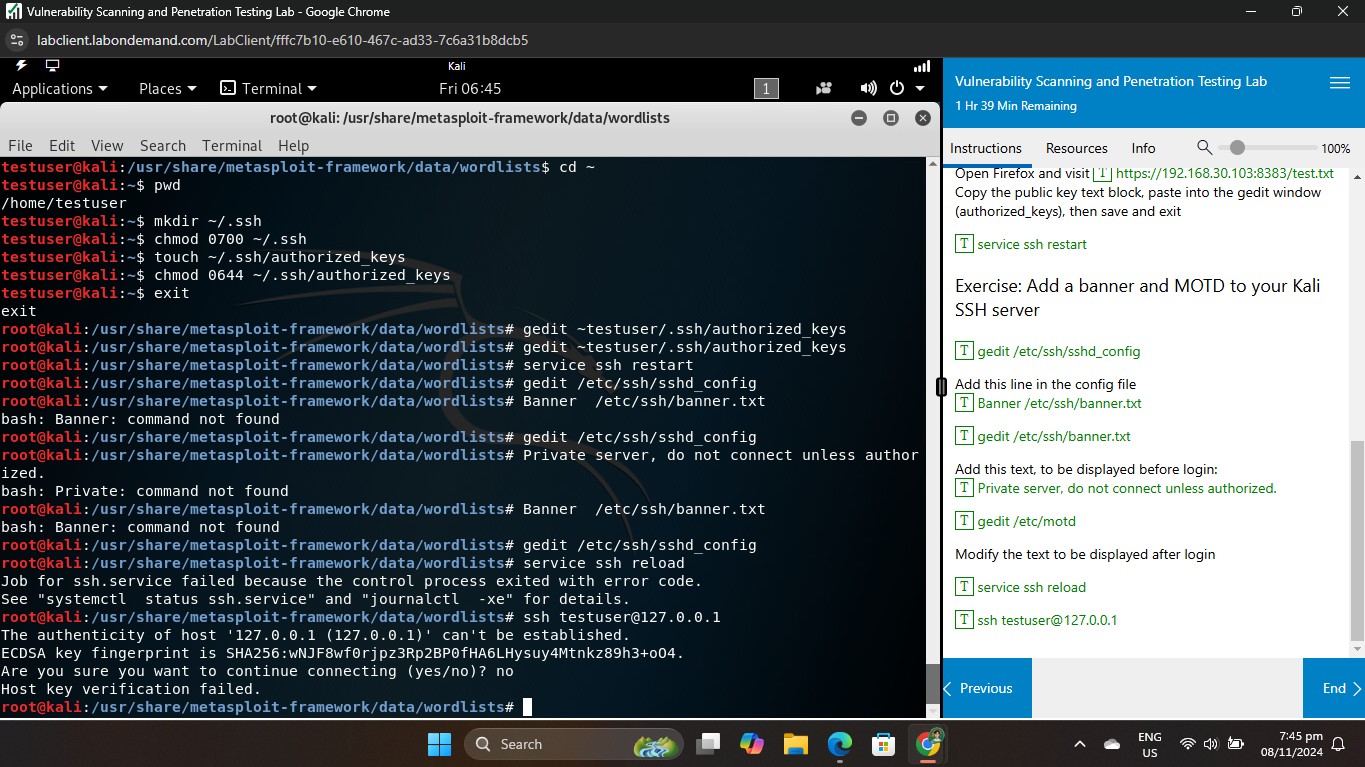
William Duncan Gonzales IV – AINS

**Access the APNIC Academy and work the Virtual Labs of the same Title. Perform all the tasks.**



**Part 2.**

**What are the most important learnings on this lab?**

I realized how crucial it is to use Nmap to find out what’s running on a network, from open ports to the OS being used. Commands like nmap -sS for SYN scans and nmap -sV -O for version and OS detection. I also learned how to output scan results in XML format for better analysis.

It was really interesting to see how Nmap scripts can be used to find vulnerabilities.

Nikto is a tool to scan web servers for weaknesses. It’s simple but does the job of finding potential security issues.

**What applications / tools did you learn?**

**Nmap:** A robust tool for network scanning and script-based probing.

**Nikto:** A web server vulnerability scanner.

**OpenVAS:** An open-source vulnerability scanner for deeper system analysis.

These tools just I understand a little. The rest makes me dizzy. I can’t understand some of the tools on how to use them.