

Commands and Scripts

Task 1 – Basic Network Scanning with Nmap

Commands Executed

1. Check network interfaces and IP configuration on Kali Linux

`ip a`

2. Perform TCP SYN scan with service version detection on the target system

`nmap -sS -sV 192.168.232.128`

Optional: Save scan output to a file (for documentation)

`# nmap -sS -sV 192.168.232.128 -oN task1_nmap_scan.txt`

Optional: Verbose scan for more detailed output

`# nmap -sS -sV -v 192.168.232.128`