(12230325)

Practical Activity #2: Exploring Nmap

**Part 1: Exploring Nmap**

1. **Open Terminal:**
   * Open a terminal on your CyberOps Workstation VM.
2. **Run man nmap:**
   * Type man nmap and press Enter.
3. **Screenshot 1: man nmap Output**
   * Take a screenshot of the terminal showing the output of the man nmap command. Make sure the NAME and SYNOPSIS sections are visible.
4. **Scroll and Search:**
   * Press /example and press Enter to search for the word "example".
5. **Screenshot 2: man nmap Search**
   * Take a screenshot showing the terminal with the search results for "example" highlighted, as shown on page 2 of the document.

**Part 2: Scanning for Open Ports**

1. **Scan Localhost:**
   * In the terminal, type nmap -A -T4 localhost and press Enter.
2. **Nmap Scan of Localhost**
   * the terminal showing the output of the nmap -A -T4 localhost command. Make sure the "PORT STATE SERVICE VERSION" information is there.
3. **Get IP Address:**
   * In the terminal, type ip address and press Enter.
4. **IP Address Command**
   * The output of the ip address command.
5. **Scan Your Network:**
   * Determine your network range and scan it (e.g., nmap -A -T4 10.0.2.0/24).

A computer screen shot of a computer

AI-generated content may be incorrect.

A computer screen with white text

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.