

User Guide: "Guardian" Security Tool 🛡️

Your Integrated Security Scanning Tool

Introduction

Welcome! We are pleased to present "Guardian," a tool designed to help you scan and protect your website and company systems with ease. This tool was developed to be simple and direct, even if you are not a cybersecurity expert.

How to Use the Tool

No installation is needed! All you have to do is run the executable file (e.g., `app.exe`) directly.

Step 1: Launch the Tool

Double-click the executable file. A black window will appear, showing you the main menu.

Step 2: Select the Tool

Choose the option that suits you from the list by entering the corresponding number.

- **1. Port Scanner:** To scan server ports.
- **2. Web Vulnerability Scanner:** To scan for weaknesses on your website.
- **3. Log Analyzer:** To search for suspicious activity in log files.
- **4. Exit:** To quit the program.

Step 3: Enter the Required Information

After making your selection, the tool will ask you to enter some simple information:

- **For Port Scanning (Option 1):**
 - **Host Name:** Enter the domain name, like `example.com`.
 - **Starting Port:** Enter the port you want to start the scan from (e.g., `1`).
 - **Ending Port:** Enter the port you want to end the scan at (e.g., `1000`).
 - **For Web Scanning (Option 2):**
 - **URL:** Enter the full URL of your website, like `https://example.com`.
 - **For Log Analysis (Option 3):**
 - **File Path:** Make sure the log file (e.g., `access.log`) is in the same folder as the tool, then enter its name when prompted.
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Understanding the Results and Reports

After the scan is complete, the tool will provide you with a clear report.

Examples of Results:

- **Port Scan:**
 - "Opening Port 80": This indicates that port 80 is open, which may be normal for servers that use HTTP, but it is always preferable to use HTTPS.
- **Web Scan:**
 - "[✓] The site uses HTTPS. The connection is secure.": Excellent! Your site uses encryption.
 - "[!] The site uses HTTP (unencrypted).": Warning! Your site is unencrypted, which exposes visitor data to risk.
- **Log Analyzer:**
 - "The Count of Failed Login to each 1.2.3.4 ---> 15": This indicates numerous failed login attempts from a specific IP address.

Are you ready to ensure your business's security?

Run the tool now and begin your journey toward understanding and protecting your company's systems.