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Getting Started

1. How to run the IT Tool Kit

When Tool is first installed / downloaded, your computer will not recognize this tool.

- When you try to run the Tool a blue popup will appear saying "Windows protected your PC"
- You will need to click the option "More info"
- Then after that click Run anyway
- This will allow you to use the IT Tool Kit

Disclaimer - Some tools require to run as administrator. You will be notified before they run.

System Tools

1. Remote Desktop

This tool allows you to remotely access another computer.

- Enter the IP address of the user you wish to connect to.
- Then, enter the username and password when prompted.

2. SSH

Secure Shell (SSH) allows you to connect to another computer securely.

- Enter the IP address of the user you wish to connect to.
- Then, enter the username, it will then ask you to start your SSH connection say yes by putting "y"
- Now enter the password of the computer you are connecting too.

3. Set Windows Notification

Configure notifications on your Windows machine.

- Choose the option of 1.Information, 2.Warning or 3.Error notification, by entering the number.
- Then Enter a Title for this Notification e.g "Hello World"
- Finally enter text/description for this Notification e.g "This is a Notification"

4. Check for Malware

This Runs a scan to check for malware on your system.

- choose from the option of 1.quick scan or 2.full scan
- Then press any key on keyboard to start scan!
- Once the scan is complete, you will receive a notification on your results

5. QR Code Generator

Generate QR codes for various types of data.

- Enter the data or URL you wish to encode in the QR code.
- Then press any key on your keyboard to generated QR code.

6. System Performance (CPU, RAM)

Monitor the performance of your system's CPU and RAM.

- Press any key on keyboard to start system performance on CPU and RAM usage.

7. Open Task Manager

View running processes, memory usage, and CPU usage.

- Press any Key on your keyboard to open Task Manager

8. Check for Windows Updates

Ensure your system is up-to-date with the latest updates.

- For this to work you need to run this script/file in Administrator Mode.
- Once you run it in Administrator mode press any key to start checking for updates.

9. Check Disk (Errors/Repairs)

Scan and repair disk errors on your computer.

- For this to work you need to run this script/file in Administrator Mode.
- Once you run it in Administrator mode choose from either 1.Check Disk only (no Repairs) or 2.Check Disk (automatic Repairs)
- Once you have choosen that you need to decide what disk/drive you want to check. You can choose form your local drive (C drive) or a custom drive by entering the drive letter e.g USB drive (E).
- Finaially press any key on your keyboard to start checking drive

10. Check Disk Space

Check the available storage space on your disks.

- For this to work you need to run this script/file in Administrator Mode.
- Once you run it in Administrator mode choose what disk/drive you want to check space on, you can choose from either 1.Local drive (C drive) or a 2.Custom drive by entering the drive letter e.g USB drive (E).
- Then Press any key on your keyboard to start check disk space.

Network Tools

11. Ping a Device

Test the connection to a networked device.

- Enter the IP address or hostname of the device you want to ping.

12. DNS Resolver

Resolve a domain name into an IP address.

- Enter the domain name you wish to resolve e.g "harrysupport.com"
- Then enter either y for yes or n for no to start resolving dns name

13. Open Web Page

Open a webpage directly from your command prompt or batch file.

- Select the option/number of what webpage you want to open.
- Then it will open the web page in Microsf edge

14. Network Speed Test

Test your network's download and upload speeds.

- If you havent installed the "speedtest CLI" it will ask you to install it to start speed test. To install this enter "y".
- Once you run it in Administrator mode choose what disk/drive you want to check space on, you can choose from either 1.Local drive (C drive) or a 2.Custom drive by entering the drive letter e.g USB drive (E).
- You will then see your results on the console but if you prefer Gui interface you can see your results by copying the URL given.
- Then Press any key on your keyboard to continue.

15. Get Wi-Fi Password/Detail

Retrieve the password for your Wi-Fi network.

- Press any key on your keyboard to star.
- Enter the Wi-Fi network name (SSID) from your list.
- Then press any key on your keyboard to get wifi Password and details.
- You will then get information about that network the password in the "Security Setting" section and in the "Key Content" collum.

16. Port Scan

Scan for open ports on a device or server.

- Before Proceeding **USE ONLY WITH EXPLICIT PERMSSION. UNAUTHORISED USE MAY CONSTITUTE ILLEGAL ACTIVITY.** We are not responsible for you actions.
- Press any key on your keyboard to start.
- Enter the IP Address of the computer you want to port scan.
- Then enter the port number e.g 80 (http) or e.g 22 (ssh).
- Then it will give you an option to confirm or change details of your input.
- Then it will show you your results of port scan.
- Press any key on your keyboard to continue.

17. Network Configuration (IP Settings)

Configure your device's IP settings.

- Choose either 1.Basic Network Configuration which will show you IP Addresses and network adapter information. or 2. Advanced Network Configuration to show information like Mac Address, DHCP servers, DNS Servers, Default Gateway and more...
- Once you have selected an option press any key on your keyboard to continue.
- Then it will show you your Configuration. Then Press any key on your keyboard to continue.

18. Renew/Release IP Address

Renew or release your IP address.

- select either the option 1. Renew IP Address or 2.Release IP Address. (Renew grabs a another IP Address from DHCP Server, while release drops IP Address given from DHCP Server.)
- I would Recommend selecting option 2 then option 1.
- Then Press any key on your keyboard to continue.

19. Show MAC Address

Display the MAC address of your network adapter.

- Press any key on your keyboard to show Mac Address.
- This will show a list of Mac Addresses of your network Adapters
- Press any key on your keyboard to continue.

20. Firewall Settings

Configure your firewall settings to control network traffic.

- select one of the options from 1-4
- If you select Turn Firewall off or on (2-3) you will need need to run script/file in Administrator Mode.
- I Highlyly Recommend Not Turning off your firewall as this is what protects your computer from attackers.