Deniz Halil

Cyber Security and Programming

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CYBER SECURITY

TERMUX COMMAND CHEAT SHEET

JANUARY 2, 2024 BY **DENIZHALIL**

Entrance

Welcome to this comprehensive guide on Termux, a powerful terminal emulator and Linux environment application for Android devices. This guide is designed to assist users of all levels in navigating the functionalities of Termux, offering a wealth of information on basic commands, file management, network tools, development utilities, and more.

Whether you're a beginner looking to familiarize yourself with the Linux command line or an experienced developer seeking to exploit the full potential of Termux apk, this handbook provides practical commands and tips for a variety of uses. It also delves into more advanced topics such as creating payloads and viruses for ethical hacking, and performing file operations with Python. This guide is your go-to resource for exploring the versatility and **power of Termux**,

Termux Basic Commands

- `pkg update`: Updates the package list.
- `pkg upgrade`: Upgrades installed packages.
- `pkg install` [package_name]: Installs a new package (e.g., `pkg install python`).
- `termux-setup-storage`: Requests permission for storage access (to access your files).
- `termux-wake-lock`: Prevents the device from sleeping while Termux is running.
- `termux-wake-unlock`: Releases the wake lock set by `termux-wake-lock`.

File Management

- `ls`: Lists files and directories in the current directory.
- `cd` [directory_path]: Changes the directory (e.g., `cd /sdcard`).
- `mkdir` [directory_name]: Creates a new directory.
- `rm` [file_name]: Deletes a file.
- `cp` [source] [destination]: Copies a file from one location to another.
- `tar` -xzvf [archive_name.tar.gz]: Extracts a compressed archive.
- `zip` -r [archive_name.zip] [directory_name]: Creates a ZIP archive of a directory.
- `unzip` [archive_name.zip]: Extracts a ZIP archive.

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Text Editing and Processing

- `nano` `[file_name]`: Opens the Nano text editor.
- `cat` `[file_name]`: Displays the content of a file.
- `grep` `[word]` `[file_name]`: Searches for a specific word in a file.
- `join` `[file1]` `[file2]`: Joins lines of two files on a common field.
- `less` `[file_name]`: Views the content of a file one screen at a time.
- `more` `[file_name]`: An older pager program similar to `less`.

Network Tools

- `ping` `[website_address]`: Pings a website.

- `curl` `[website_address]`: Retrieves the content of a website.
- `wget` `[file_link]`: Downloads a file from the internet.
- `ifconfig`: Configures or displays network interface parameters for a network interface controller.
- `iptables` `-L`: Lists the set of rules used by the iptables firewall.
- `host` `[domain]`: Performs DNS lookups.

Special Packages and Tools

- `git`: Version control system.
- `python`: Installs the Python programming language.
- `ssh`: Used for secure shell connections.
- `postgresql`: Installs PostgreSQL, an advanced