HACKTHEBOX

LINUX FUNDAMENTALS

CHEAT SHEET

Opens man pages for the specified tool: `man <tool>`

Prints the help page of the tool: `<tool> -h`

Searches through man pages' descriptions for instances of a given keyword: `apropos <keyword>`

Concatenate and print files: `cat`

Displays current username: `whoami`

Returns users identity: `id`

Sets or prints the name of the current host system `hostname`

Prints operating system name: `uname`

Returns working directory name: `pwd`

The ifconfig utility is used to assign or view an address to a network interface and/or configure network interface parameters: `ifconfig`

HTB ACADEMY CHEATSHEET

HACKTHEBOX

LINUX FUNDAMENTALS

CHEAT SHEET

Ip is a utility to show or manipulate routing, network devices, interfaces, and tunnels: `ip`

Shows network status: `netstat`

Another utility to investigate sockets: `ss`

Shows process status: `ps`

Displays who is logged in: `who`

Prints environment or sets and executes a command: `env`

Lists block devices: `lsblk`

Lists USB devices: `lsusb`

Lists opened files: `lsof`

Lists PCI devices: `lspci`

Execute command as a different user: `sudo`

The su utility requests appropriate user credentials via PAM and switches to that user ID (the default user is the superuser). A shell is then executed: `su`

HACKTHEBOX

LINUX FUNDAMENTALS

CHEAT SHEET

Creates a new user or update default new user information: `useradd`

Deletes a user account and related files: `userdel`

Modifies a user account: `usermod`

Adds a group to the system: `addgroup`

Removes a group from the system: `delgroup`

Changes user password: `passwd`

Install, remove and configure Debian-based packages: `dpkg`

High-level package management command-line utility: `apt`

Alternative to apt: `aptitude`

Install, remove and configure snap packages: `snap`

Standard package manager for Ruby: `gem`

Standard package manager for Python: `pip`

Revision control system command-line utility: `git`

Command-line based service and systemd control manager: `systemctl`

HACKTHEBOX

LINUX FUNDAMENTALS

CHEAT SHEET

Prints a snapshot of the current processes: `ps`

Query the systemd journal: `journalctl`

Sends a signal to a process.: `kill`

Puts a process into background: `bg`

Lists all processes that are running in the background: `jobs`

Puts a process into the foreground: `fg`

Command-line utility to transfer data from or to a server: `curl`

An alternative to curl that downloads files from FTP or HTTP(s) server: `wget`

Starts a Python3 web server on TCP port 8000: `python3 -m http.server`

Lists directory contents: `ls`

Changes the directory: `cd`

Clears the terminal: `clear`

Creates an empty file: `touch`

HACKTHEBOX

LINUX FUNDAMENTALS

CHEAT SHEET

Creates a directory: `mkdir`

Lists the contents of a directory recursively: `tree`

Move or rename files or directories: `mv`

Copy files or directories: `cp`

Terminal based text editor: `nano`

Returns the path to a file or link: `which`

Searches for files in a directory hierarchy: `find`

Updates the locale database for existing contents on the system: `updatedb`

Uses the locale database to find contents on the system: `locate`

Pager that is used to read STDOUT or files: `more`

An alternative to more with more features: `less`

HACKTHEBOX

LINUX FUNDAMENTALS

CHEAT SHEET

Prints the first ten lines of STDOUT or a file: `head`

Prints the last ten lines of STDOUT or a file: `tail`

Sorts the contents of STDOUT or a file: `sort`

Searches for specific results that contain given patterns: `grep`

Removes sections from each line of files: `cut`

Replaces certain characters: `tr`

Command-line based utility that formats its input into multiple columns: `column`

Pattern scanning and processing language: `awk`

A stream editor for filtering and transforming text: `sed`

Prints newline, word, and byte counts for a given input: `wc`

Changes permission of a file or directory: `chmod`

Changes the owner and group of a file or directory: `chown`

HTB ACADEMY CHEATSHEET