



FILE HUNTING AND STUFF

FILE HUNTING THE CYBER WAY

- We're going to review different commands (both old and new) to help us find files within our system!
- This helps us to find certain "unauthorized media files" that need to be removed as specified by the README
 - Might also be some sneaky password files or exposed copies of

A woman with long blonde hair, wearing a brown tweed jacket and an orange cap, is aiming a shotgun in a field of tall grass. The background shows a line of trees under a blue sky with light clouds. Four white rectangular boxes with black text are overlaid on the image.

***.jpg**

***.mp3**

***.png**

***.mp4**

BASIC FILE EXTENSIONS

- .txt: deals with files containing text, can be opened by text editors, etc.
- .jpg: compressed image format (pictures)
- .png: portable graphics format (basically pictures)
- .mp3: digital audio files
- .mp4: digital video files

Tip: you may want to look up other extensions to expand your knowledge



FIND

GREP

LOCATE

Allow us to introduce ourselves,

FIND

- **find**: searches/locates files and directories based on certain criteria
 - **find [directory] <-type [f,d]> -name [name_of_file]**
 - name can use "*.mp3" or "*.txt" to find all files of that type
 - **-perm [perms]**: can search for files/directories w/ certain permissions
- a lot of different versatile ways to use this command!

GREP

- **grep**: works similar to Ctrl + F (finds specific keywords/characters in a file or output)
 - **grep [string_to_find] [file_name]**
- can be used in conjunction with find (or any output really)
 - **find <dir> | grep "<bleh>"**
 - **find / | grep "[.]mp3"**
 - **ls /etc | grep passwd**
- also very fun to use in conjunction with many commands

LOCATE

- **locate**: helps you to locate particular files based on string (uses database vs. filesystem)
 - **locate [filename]**
 - can also apply the `*[.]txt*` or `*[.]jpg*` for the filename argument
- `sudo updatedb`
 - must do this to update database

SOMETHING OFF TOPIC...

We need some networking/general configs to better improve our overall security

- Sets better settings for methods in sending stuff around
- Better general settings improve various behaviors of the system
- <https://klaver.it/>
- <https://klaver.it/linux/> (sysctl.conf specifically)