

# File Integrity Monitor (FIM)



START

Ask User What They Want To Do.

Collect New Baseline

- A. Calculate HASH value from target files
- B. Store the file/hash pairs in baseline.txt

Monitor Files With Saved Baseline

- 1. Load file hash pairs from baseline.txt

Continuously Monitor File Integrity

- 1. Loop through each file target file, calculate the hash, and compare the file/hash to what baseline.txt is

Notify User If A File Is Changed Or Deleted

- 1. If a file hash is different than what is recorded in baseline, print to screen. If file has been changed or deleted. (integrity is compromised).