**Abstract**

Integrity of operating system components must be carefully handled in order to optimize the system security. Attackers always attempt to alter or modify these related components to achieve their goals. System files are common targets by the attackers. We need to protect these critical files. Whether we are dealing with malware-related file changes, improper access of confidential files, or theft of sensitive data, we need a way to continuously monitor all of the organization’s files. Even more importantly, you need a way to instantly know when a file’s integrity has been compromised.

In this project we are using a client server based approach for file monitoring. The Agent stores all the hashes of individual files and at the server side we have a web report and also email alert is sent to the admin.