PREPARED BY
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REPORT MALWARE ANALYSIS

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IMPOSSIBLE IS OUR TARGET

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EXERCISE TRACE

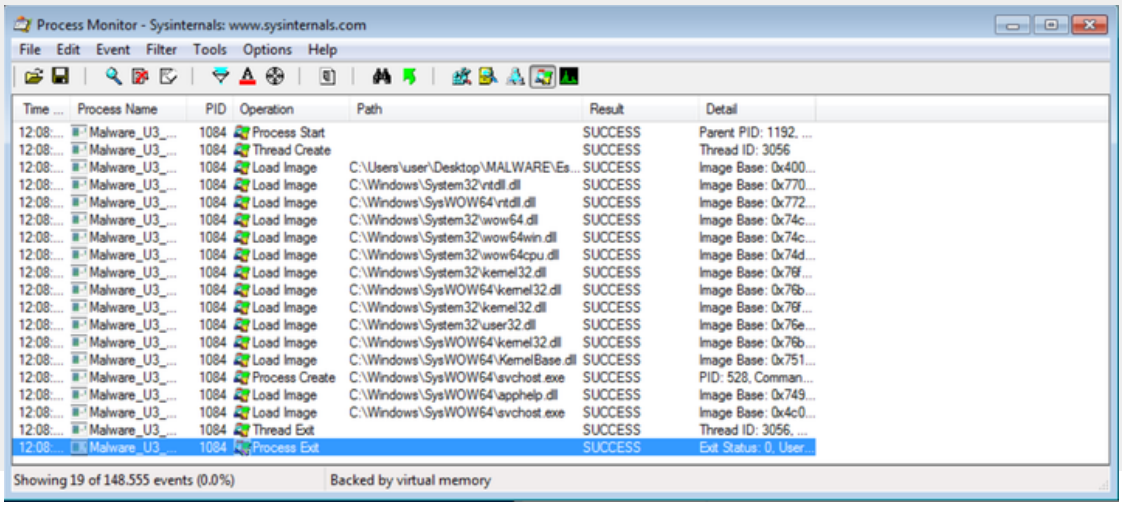
- IDENTIFY ANY MALWARE ACTIONS ON THE FILE SYSTEM USING - - PROCESS MONITOR (PROCMON)
- IDENTIFY ANY MALWARE ACTIONS ON PROCESSES AND THREADS USING PROCESSMONITOR
- REGISTRY CHANGES AFTER MALWARE ACTIONS (DIFFERENCES)
- TRY TO PROFILE THE MALWARE BASED ON THE CORRELATION BETWEEN «OPERATION» AND PATH.

WHAT IS PROCMON?

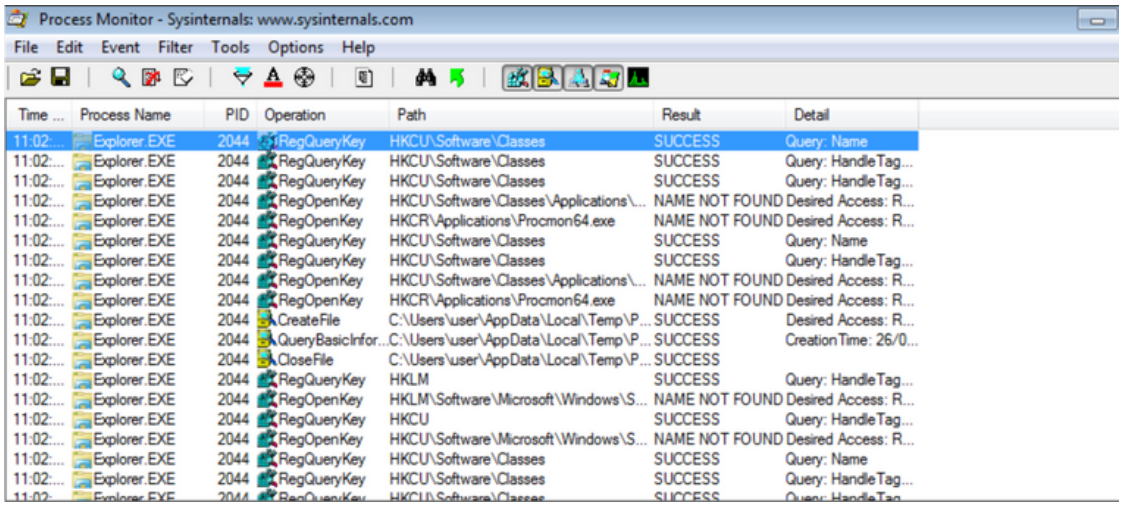
Process Monitor is an advanced monitoring tool for Windows that shows real-time file system, registry, and process/thread activity. It combines the functionality of two legacy Sysinternals utilities, Filemon and Regmon, and adds an extensive list of enhancements, including advanced and non-destructive filtering, comprehensive event properties such as session IDs and usernames, reliable process information, full thread stacks with built-in symbol support, and for each operation, simultaneous recording to file and much more. With its unique and powerful features, Process Monitor is an essential utility for system troubleshooting and as a malware research toolkit.

EXERCICE RESOLUTION

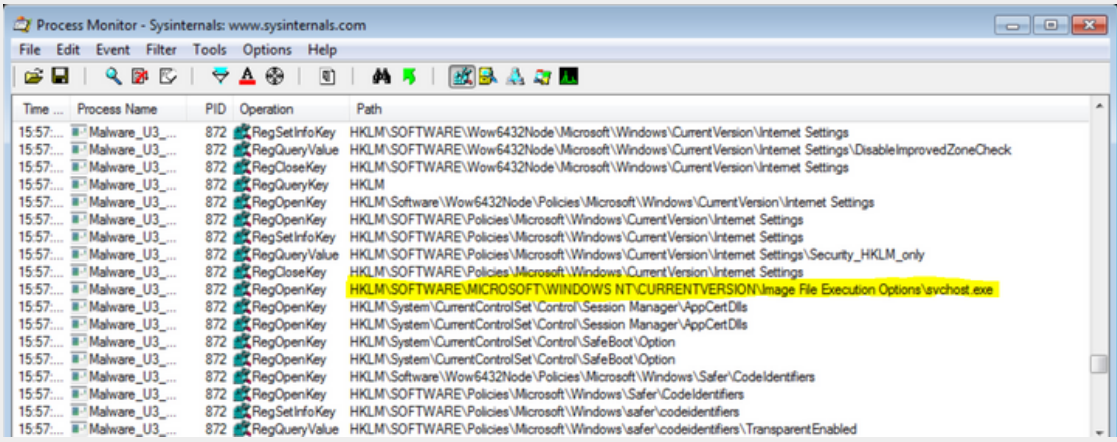
FILE SYSTEM:

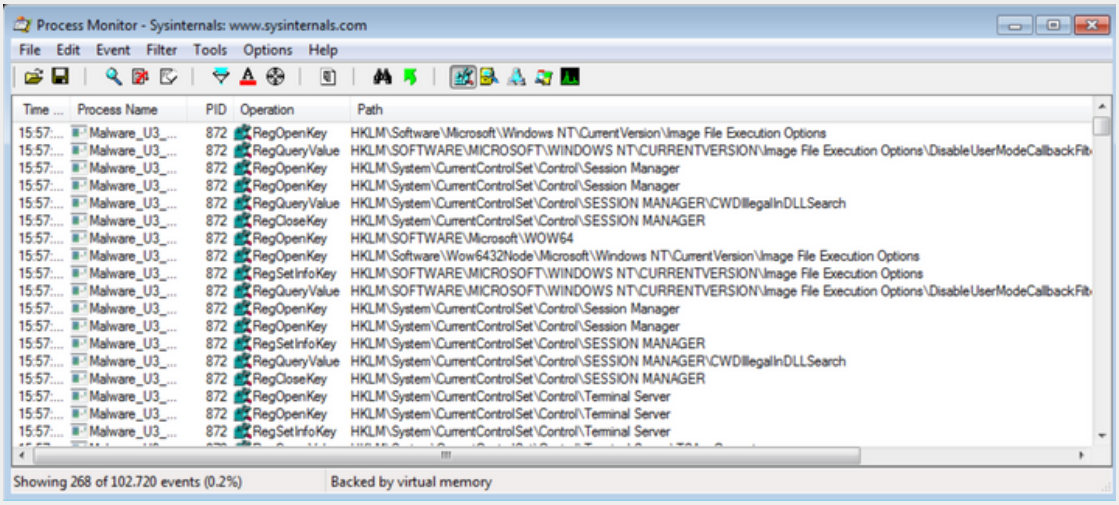


PROCESSES AND THREADS:



REGISTRY:





WE CAN THEREFORE HYPOTHESIZE THAT OUR MALWARE, WHEN EXECUTED, TRIES TO DISGUISE ITSELF BY CREATING A NEW PROCESS CALLED “SVCHOST.EXE” IN ORDER TO KEEP HIMSELF INSIDE THE COMPUTER.

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THANKS!

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