Sysinternals

Task 1

Question: When did Microsoft acquire the Sysinternals tools?

Answer: 2006

Task 2

Question: What is the last tool listed within the Sysinternals Suite?

Answer: ZoomIt

Task 3

Question: What service needs to be enabled on the local host to interact with live.sysinternals.com?

Answer: WebClient

Task 4

Question: There is a txt file on the desktop named file.txt. Using one of the three discussed tools in this task, what is the text within the ADS?

Answer: I am hiding in the stream.

Explanation:

- open powershell
- change directory to ./Desktop
- enter this command: streams ./file.txt
- you will see it outputs the path with :ads.txt:$DATA 26
- now enter the command notepad ./file.txt:ads.txt
- it opens the notepad with the answer

Task 5

Question: Using WHOIS tools, what is the ISP/Organization for the remote address in the screenshots above?

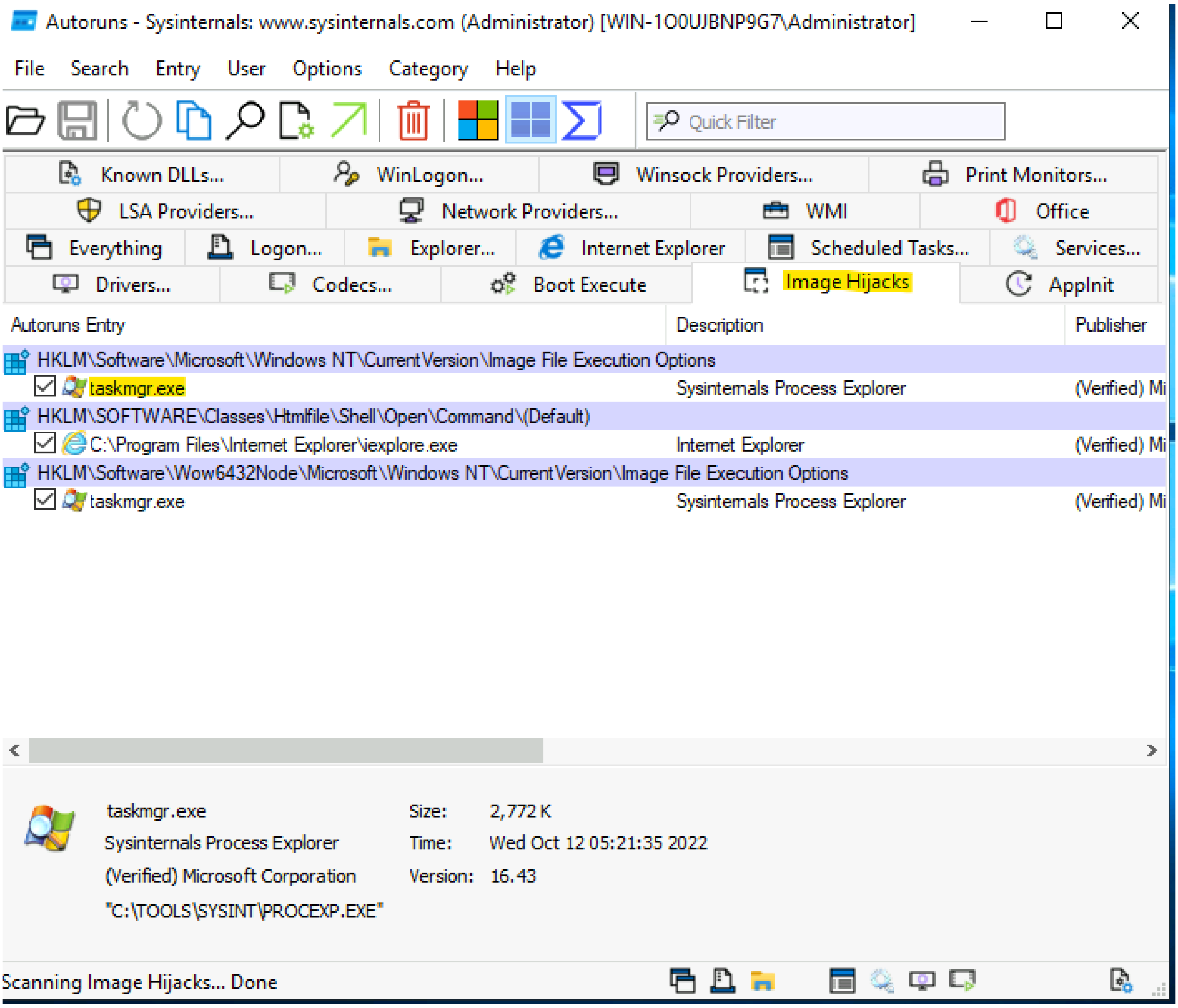
Answer: Microsoft Corporation

Task 6

Question: What entry was updated?

Answer: taskmgr.exe

Explanation:



Autoruns - Sysinternals: www.sysinternals.com (Administrator) [WIN-1O0UJBNP9G7\Administrator]
File Search Entry User Options Category Help
Quick Filter
Known DLLs... WinLogon... Winsock Providers... Print Monitors...
LSA Providers... Network Providers... WMI Office
Everything Logon... Explorer... Internet Explorer Scheduled Tasks... Services...
Drivers... Codecs... Boot Execute Image Hijacks AppInit

Autoruns Entry	Description	Publisher
HKLM\Software\Microsoft\Windows NT\CurrentVersion\Image File Execution Options		
☑ taskmgr.exe	Sysinternals Process Explorer	(Verified) Mi
HKLM\SOFTWARE\Classes\Htmlfile\Shell\Open\Command\(Default)		
☑ C:\Program Files\Internet Explorer\iexplore.exe	Internet Explorer	(Verified) Mi
HKLM\Software\Wow6432Node\Microsoft\Windows NT\CurrentVersion\Image File Execution Options		
☑ taskmgr.exe	Sysinternals Process Explorer	(Verified) Mi

taskmgr.exe
Sysinternals Process Explorer
(Verified) Microsoft Corporation
"C:\TOOLS\SYSINT\PROCEXP.EXE"

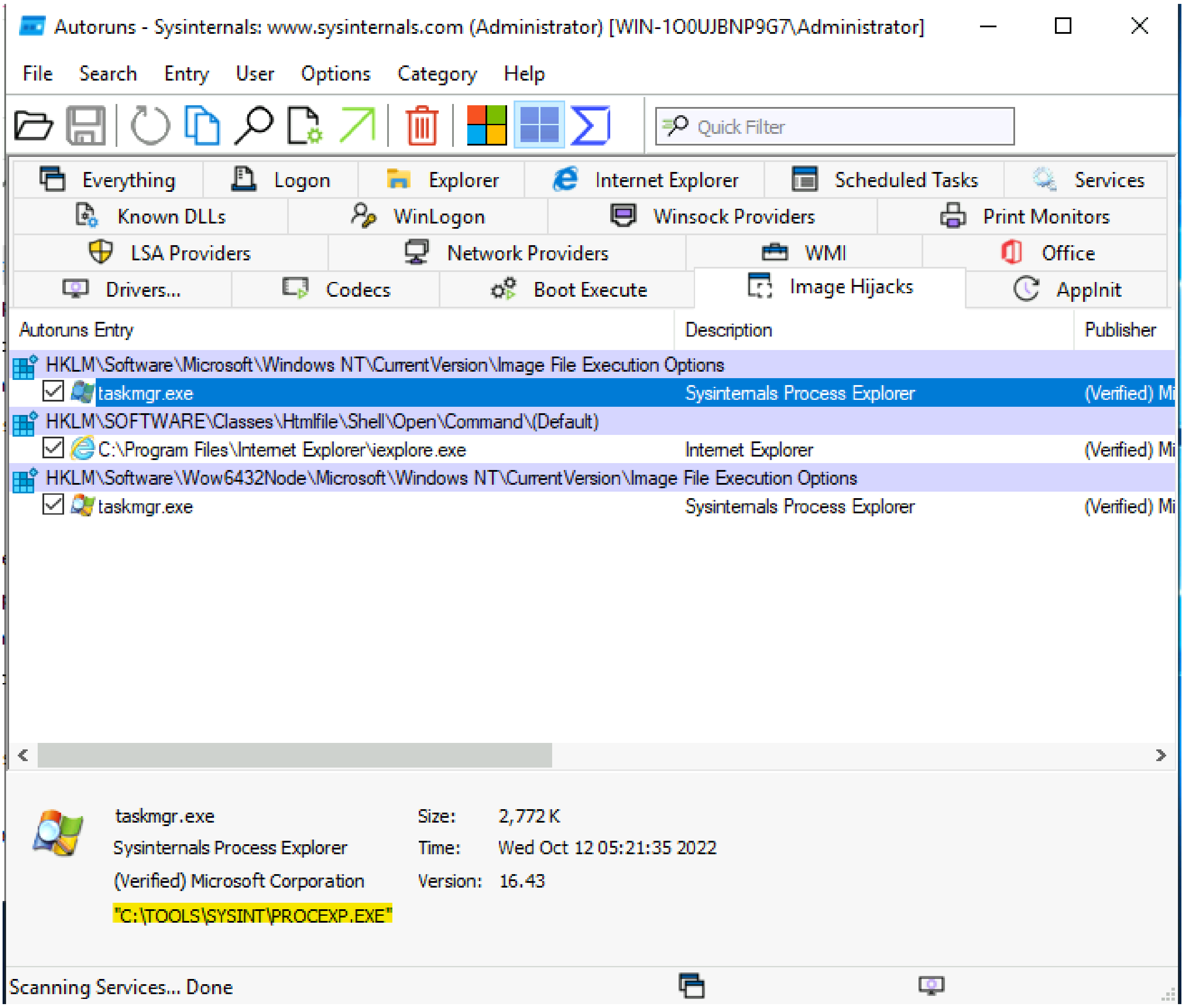
Size: 2,772 K
Time: Wed Oct 12 05:21:35 2022
Version: 16.43

Scanning Image Hijacks... Done

Question: What is the updated value?

Answer: c:\tools\sysint\procexp.exe

Explanation:



Autoruns Entry	Description	Publisher
HKLM\Software\Microsoft\Windows NT\CurrentVersion\Image File Execution Options		
☑ taskmgr.exe	Sysinternals Process Explorer	(Verified) Mi
HKLM\SOFTWARE\Classes\Htmlfile\Shell\Open\Command\(Default)		
☑ C:\Program Files\Internet Explorer\iexplore.exe	Internet Explorer	(Verified) Mi
HKLM\Software\Wow6432Node\Microsoft\Windows NT\CurrentVersion\Image File Execution Options		
☑ taskmgr.exe	Sysinternals Process Explorer	(Verified) Mi

taskmgr.exe
Sysinternals Process Explorer
(Verified) Microsoft Corporation
"C:\TOOLS\SYSINT\PROCEXP.EXE"

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Task 9

Question: Run the Strings tool on ZoomIt.exe. What is the full path to the .pdb file?

Answer: C:\agent_work\112\s\Win32\Release\ZoomIt.pdb

Explanation:

- open powershell
- change directory to C:/Tools/sysint
- run command strings .\zoomit.exe | findstr /i .pdb

The tasks, questions or answers not mentioned here means there were no answers needed.