DIGITAL FORENSICS LAB

Exercise 12	
Name	S Shyam Sundaram
Registration Number	19BCE1560
Slot	L39+L40
Faculty	Dr. Seshu Babu Pulagara
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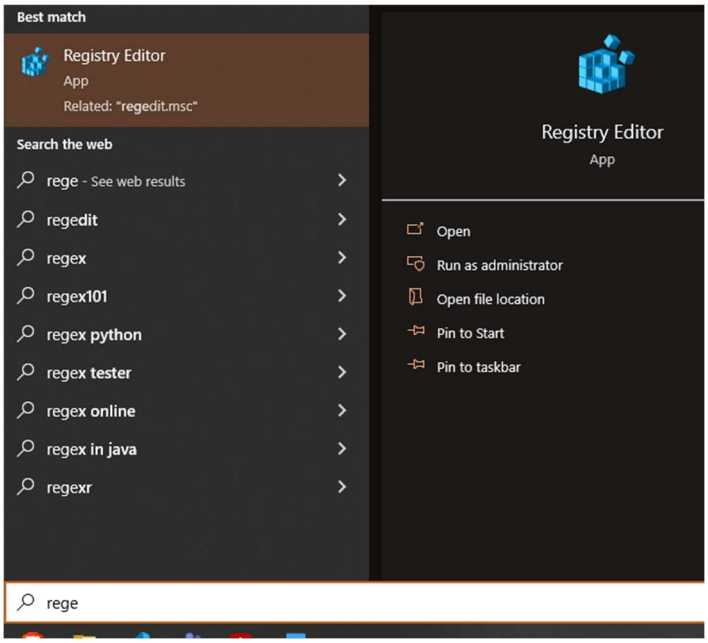
AIM

Exploring the windows registry keys and values.

PROCESS

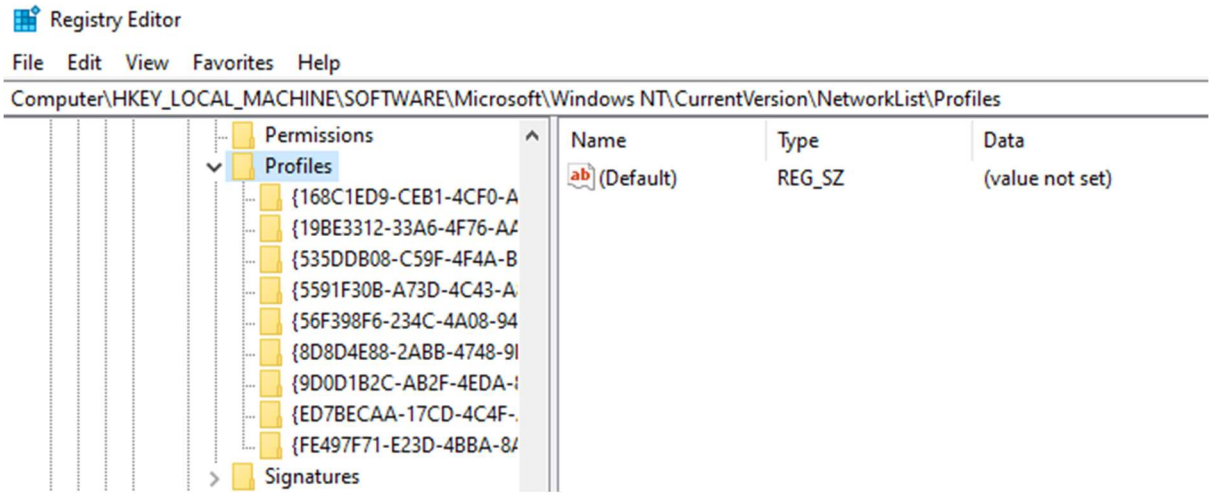
1. Open up 'Run' or press the windows key.
2. Search for Regedit.
3. Open the 'Registry Editor'.

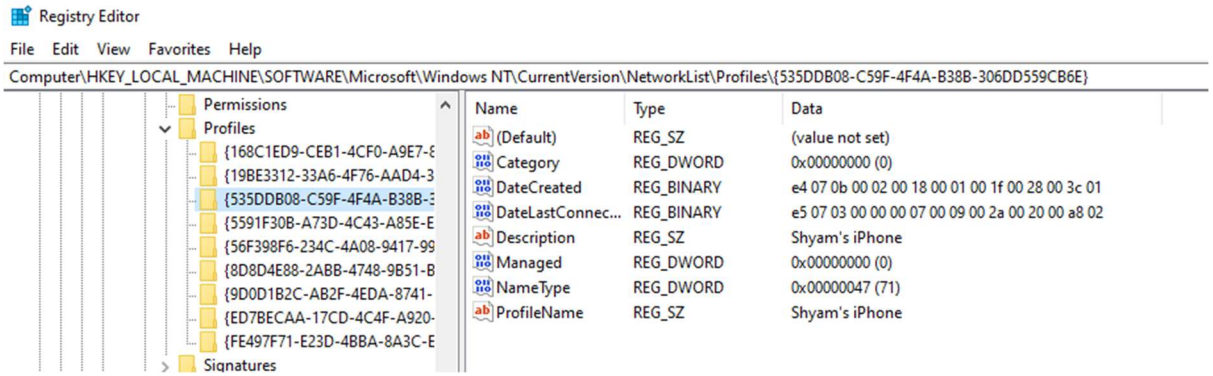


OBSERVATIONS

List of GUIDs of Wireless access points connected

Path: Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\NetworkList\Profiles\



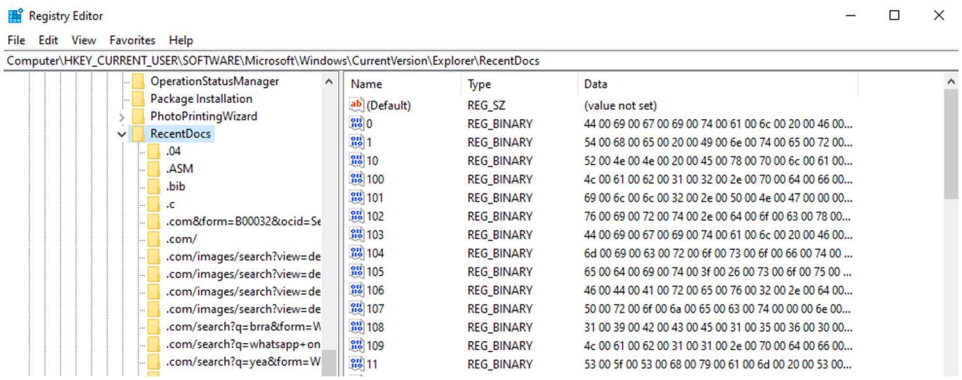


It shows the list of networks connected to in the past in folders. In the screenshot we see that one of the networks was an iPhone's hotspot.

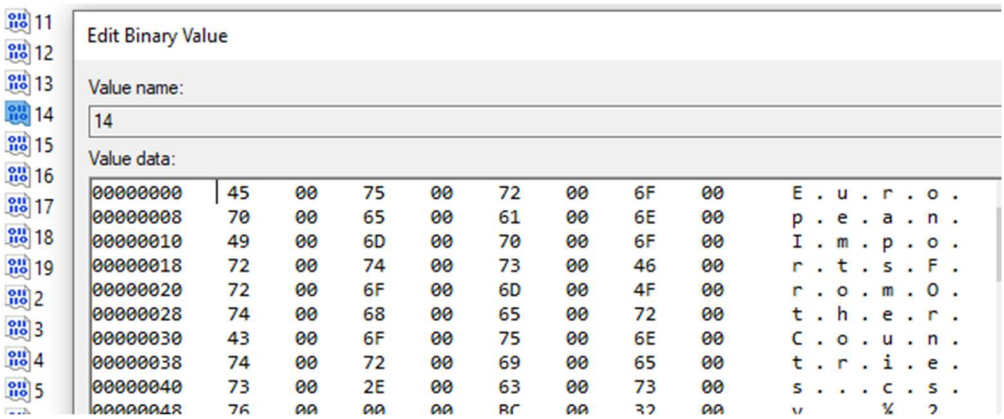
Recent Documents

Path:

Computer\HKEY_CURRENT_USER\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\RecentDocs



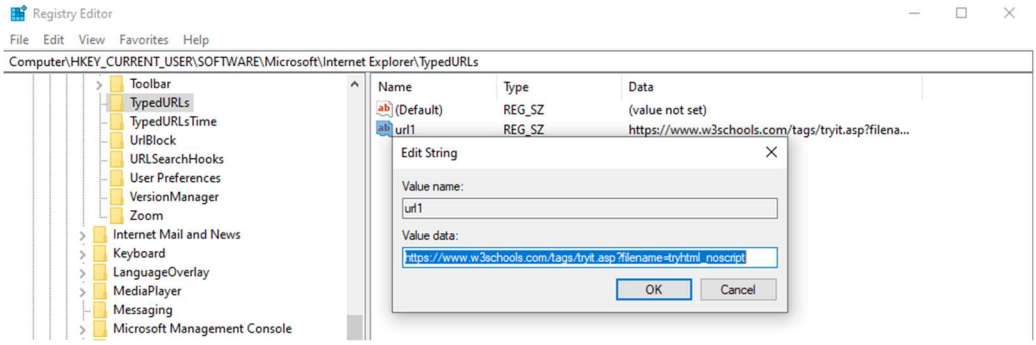
We can see a list of file types, each containing details of files accessed. We can also see the names. For example, below is an entry with the name of the CSV file accessed in the rightmost column.



It reads ‘EuropeanImportsFromOtherCountries’. This is a CSV file used for FDA lab.

URLS typed in internet explorer

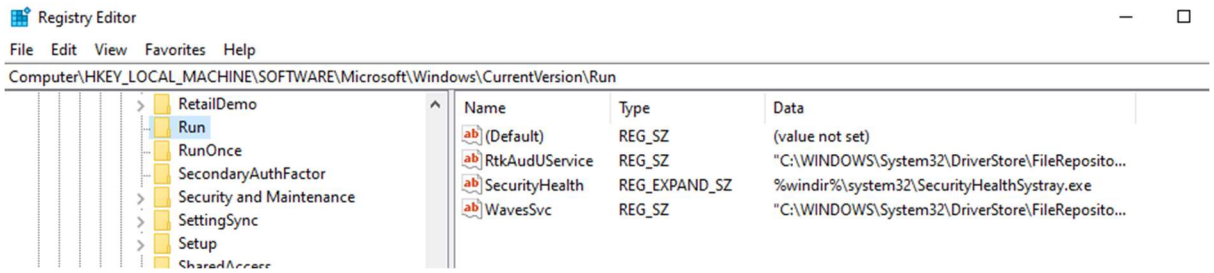
Path: Computer\HKEY_CURRENT_USER\SOFTWARE\Microsoft\Internet Explorer\TypedURLs



Applications Run when system starts

Path:

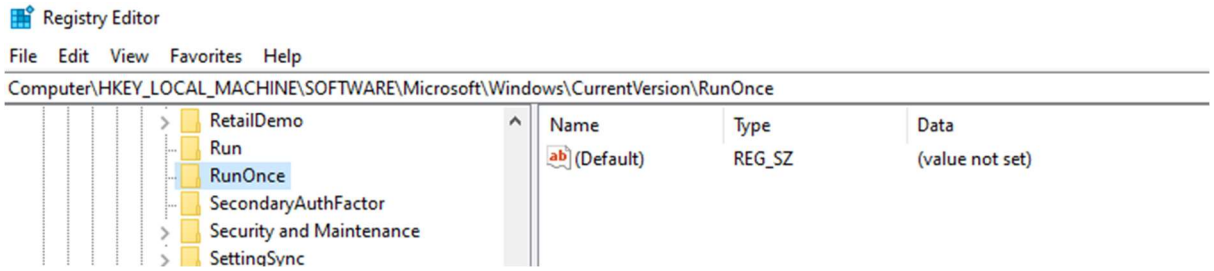
Computer\HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Run



Applications Run Once

Path:

Computer\HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\RunOnce

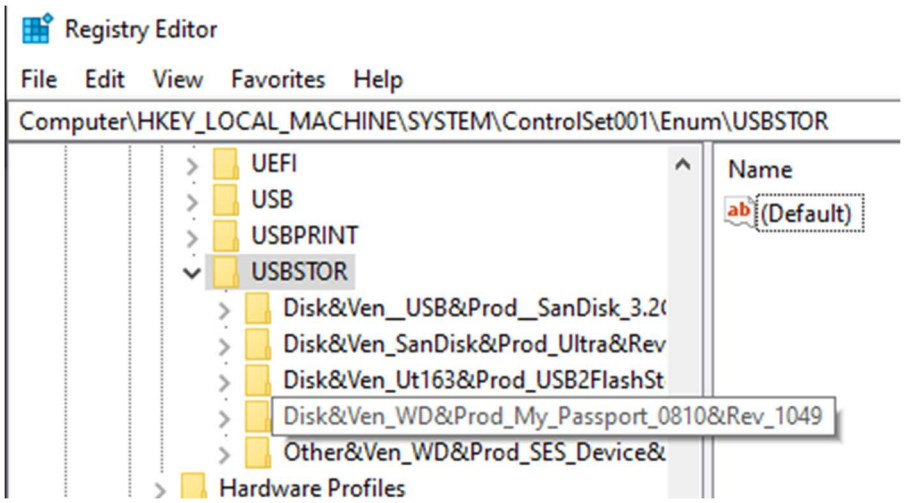


There are no such applications.

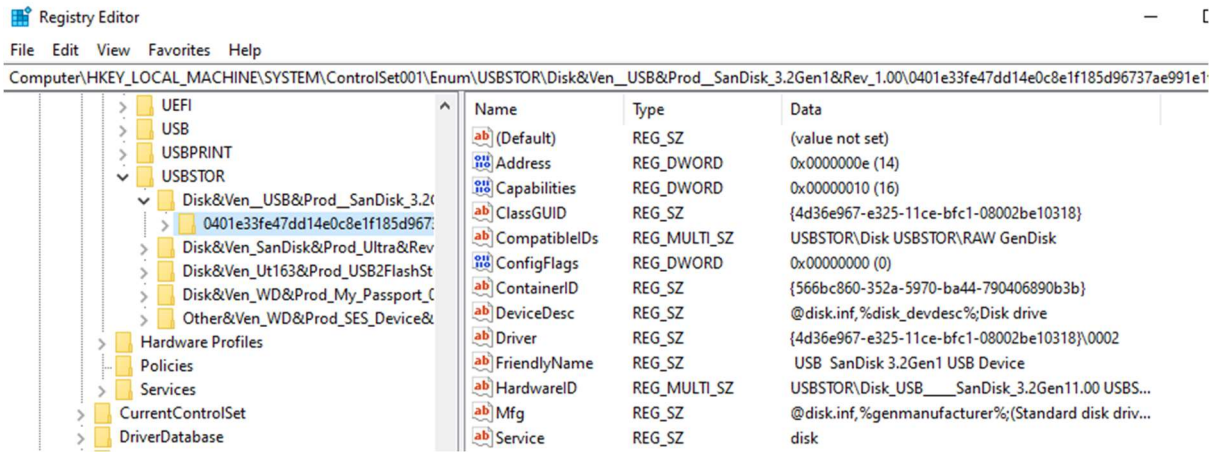
Check if USB was inserted

Path:

Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Enum\USBSTOR

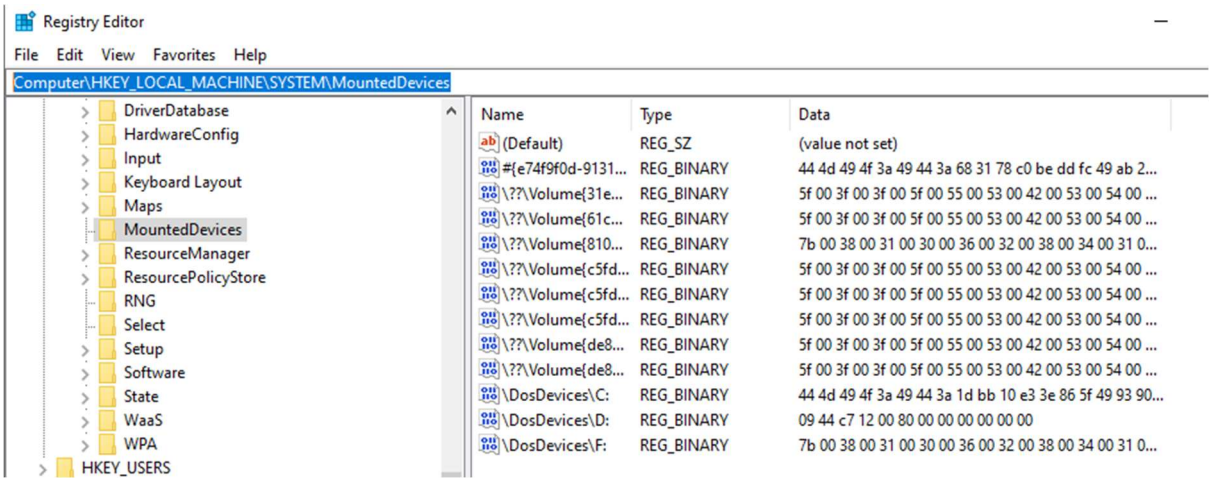


Each device inserted has its own sub-folder. The contents of one of them are shown below:



Check for devices that were mounted

Path: Computer\HKEY_LOCAL_MACHINE\SYSTEM\MountedDevices



CONCLUSION

Thus, we have seen a handful of samples regarding the kinds of information that can be extracted about a device from its registry.