Registry Forensics Cheatsheet

System info and accounts

OS Version:
SOFTWARE\Microsoft\Windows NT\CurrentVersion

Current Control set:
HKLM\SYSTEM\CurrentControlSet
SYSTEM\Select\Current
SYSTEM\Select\LastKnownGood

Computer Name:
SYSTEM\CurrentControlSet\Control\ComputerName
\ComputerName

Time Zone Information:
SYSTEM\CurrentControlSet\Control
\TimeZoneInformation

Network Interfaces and Past Networks:
SYSTEM\CurrentControlSet\Services\Tcpip
\Parameters\Interfaces

Autostart Programs (Autoruns):
NTUSER.DAT\Software\Microsoft\Windows
\CurrentVersion\Run
NTUSER.DAT\Software\Microsoft\Windows
\CurrentVersion\RunOnce
SOFTWARE\Microsoft\Windows\CurrentVersion
\RunOnce
SOFTWARE\Microsoft\Windows\CurrentVersion
\policies\Explorer\Run
SOFTWARE\Microsoft\Windows\CurrentVersion\Run

SAM hive and user information:
SAM\Domains\Account\Users

File/folder usage or knowledge

Recent Files:
NTUSER.DAT\Software\Microsoft\Windows
\CurrentVersion\Explorer\RecentDocs

Office Recent Files:
NTUSER.DAT\Software\Microsoft\Office\VERSION
NTUSER.DAT\Software\Microsoft\Office\VERSION
\UserMRU\LiveID_####\FileMRU

ShellBags:
USRCLASS.DAT\Local Settings\Software\Microsoft
\Windows\Shell\Bags
USRCLASS.DAT\Local Settings\Software\Microsoft
\Windows\Shell\BagMRU
NTUSER.DAT\Software\Microsoft\Windows\Shell\BagMRU
NTUSER.DAT\Software\Microsoft\Windows\Shell\Bags

Open/Save and LastVisited Dialog MRUs:
NTUSER.DAT\Software\Microsoft\Windows
\CurrentVersion\Explorer\ComDlg32\OpenSavePIDlMRU
NTUSER.DAT\Software\Microsoft\Windows
\CurrentVersion\Explorer\ComDlg32\LastVisitedPidlMRU

Windows Explorer Address/Search Bars:
NTUSER.DAT\Software\Microsoft\Windows
\CurrentVersion\Explorer\TypedPaths
NTUSER.DAT\Software\Microsoft\Windows
\CurrentVersion\Explorer\WordWheelQuery

External/USB device forensics

Device identification:
SYSTEM\CurrentControlSet\Enum\USBSTOR
SYSTEM\CurrentControlSet\Enum\USB

First/Last Times:
SYSTEM\CurrentControlSet\Enum\USBSTOR
\Ven_Prod_Version\USBSerial#\Properties
\{83da6326-97a6-4088-9453-a19231573b29}\####
Oo64=first connection
0066=last connection
0067=last removal

USB device Volume Name:
SOFTWARE\Microsoft\Windows Portable Devices
\Devices

Evidence of execution

UserAssist:
NTUSER.DAT\Software\Microsoft\Windows
\Currentversion\Explorer\UserAssist\{GUID}\Count

ShimCache:
SYSTEM\CurrentControlSet\Control\Session Manager
\AppCompatCache

AmCache:
Amcache.hve\Root\File\{Volume GUID}\

BAM/DAM:
SYSTEM\CurrentControlSet\Services\bam\UserSettings
\{SID}
SYSTEM\CurrentControlSet\Services\dam\UserSettings
\{SID}

To learn more about Windows Forensics click here: https://tryhackme.com/room/windowsforensics1