

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

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}\####
0064=first connection
0066=last connection
0067=last removal

USB device Volume Name:

SOFTWARE\Microsoft\Windows Portable Devices
\Devices

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

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}