# **Mounting Disk Image:**

```
(kali@ kali)-[~/Illegal_Download_Case/Case_Materials]
$ ./mount_disc_image
Mounting Disk_Image_ID-20210327.001 ...
/dev/loop0

(kali@ kali)-[~/Illegal_Download_Case/Case_Materials]

Devices
```

# **Copy Registry Files:**

### Regripper to check timezone:

# Regripper to check OS:

```
-(kali®kali)-[~/Illegal_Download_Case/Exports/Registry_Files]
└$ rip.pl -r SOFTWARE -p winver
Launching winver v.20200525
winver v.20200525
(Software) Get Windows version & build info
ProductName
                          Windows 10 Home
ReleaseID
                          2009
BuildLab
                          19041.vb_release.191206-1406
BuildLabEx
                          19041.1.amd64fre.vb_release.191206-1406
CompositionEditionID
                          Core
RegisteredOrganization
RegisteredOwner
                          Kamryn
UBR
                          572
InstallDate
                          2021-03-10 00:04:29Z
InstallTime
                          2021-03-10 00:04:29Z
UBR
  -(kali®kali)-[~/Illegal_Download_Case/Exports/Registry_Files]
```

# Regripper to check system name:

```
(kali® kali)-[~/Illegal_Download_Case/Exports/Registry_Files]
$\frac{\text{rip.pl} - \text{r SYSTEM} - \text{p compname}}{\text{compname} \text{v.20090727}}
compname v.20090727
(System) Gets ComputerName and Hostname values from System hive

ComputerName = DESKTOP-E4SUNT2
TCP/IP Hostname = DESKTOP-E4SUNT2

\[
\text{(kali@ kali)-[~/Illegal_Download_Case/Exports/Registry_Files]}}
\]
```

Regripper to check user accounts:

```
-$ rip.pl -r SAM -p samparse | grep -E 'Username|Created|Date' --color=none
Launching samparse v.20220921
Username : Administrator [500]
Account Created : Wed Mar 10 03:04:01 2021 Z
Last Login Date : Sun Sep 27 14:54:30 2020 Z
 Last Login Date : Sun Se
Pwd Reset Date : Never
Pwd Fail Date : Never
 Username : Guest [501]
Account Created : Wed Mar 10 03:04:01 2021 Z
  Last Login Date :
 Pwd Reset Date : Never
Pwd Fail Date : Never
 Account Created : Wed Mar 10 03:04:01 2021 Z
 Pwd Reset Date
Pwd Fail Date
                                                                              : Never
  Username
                                                                                          WDAGUtilityAccount [504]
 Account Created : Wed Mar 10 03:04:01 2021 Z
  Last Login Date : Never
 Pwd Reset Date : Sun Sep 27 14:50:45 2020 Z
Pwd Fail Date : Never
| Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Never | Neve
       --(kali®kali)-[~/Illegal_Download_Case/Exports/Registry_Files]
```

## Regripper to check the last login:

#### Regripper to check the most recent shutdown:

```
(kali® kali)-[~/Illegal_Download_Case/Exports/Registry_Files]
$\frac{1}{2}\text{ rip.pl -r SYSTEM -p shutdown} \text{Launching shutdown v.20200518} \text{shutdown v.20200518} \text{System) Gets ShutdownTime value from System hive}

ControlSet001\Control\Windows key, ShutdownTime value \text{LastWrite time: 2021-03-10 00:49:11Z} \text{ShutdownTime : 2021-03-10 00:49:11Z}

$\frac{(kali\text{ kali})-[~/Illegal_Download_Case/Exports/Registry_Files]}{\text{ShutdownTime : 2021-03-10 00:49:11Z}}
$\frac{(kali\text{ kali})-[~/Illegal_Download_Case/Exports/Registry_Files]}{\text{ShutdownTime : 2021-03-10
```

Regripper to check what user has recently opened:

```
kali@kali: {\it \sim}/Illegal\_Download\_Case/Exports/Registry\_Files
 File Actions Edit View Help
(kali⊗ kali)-[~/Illegal_Download_Case/Exports/Registry_Files]

$ rip.pl -r NTUSER.DAT -p recentdocs
Launching recentdocs v.20200427
recentdocs v.20200427
(NTUSER.DAT) Gets contents of user's RecentDocs key
**All values printed in MRUList\MRUListEx order.
Software\Microsoft\Windows\CurrentVersion\Explorer\RecentDocs
LastWrite Time: 2021-03-27 14:25:45Z
  20 = Torrent-Sources
19 = Contraband.mp3
   15 = Captures
   18 = ID-20210327.raw
   13 = Torrents
   17 = Contraband.mp3.torrent
   16 = ms-gamingoverlay:///
   0 = kglcheck/
   14 = ID-20210321.raw
   12 = Sample-1.mp3.torrent
   4 = Reference
  8 = List-2.txt
    = List-1.txt
   11 = Downloads
   10 = Sample-1.mp3
  6 = This PC
   5 = Documents
     = wallpaperflare.com_wallpaper.jpg
```

## fls to generate directory listing:

### grep to search for torrent files:

#### grep to search for text files:

```
(kali@ kali) | -/ Mleg grop - f '.txt' file.
grop - f '.txt' file.
215259-128-1:
12 02:25:46 (UTC)
217188-128-3:
12 02:26:16 (UTC)
218931-128-3:
21 02:26:42 (UTC)
215259-128-1:
21 02:25:46 (UTC)
217188-128-3:
21 02:26:16 (UTC)
218931-128-3:
21 02:26:42 (UTC)
7 215259-128-1:
-21 20:25:46 (UTC)
7 215259-128-1:
-21 20:25:46 (UTC)
7 215259-128-1:
-21 20:25:46 (UTC)
7 215316 (UTC)
                                                                                                                                                                2021-0
                                                                                                                                                                2021-0
                                                                                                             2021-03-21 20:41:44 (UTC)
                                                                                                                                                                2021-0
                                                                                                             2021-03-21 20:41:24 (UTC)
                                                                                                                                                                2021-0
                                 Users/Kamryn/Documents/Reference/List-2.txt
                                                                                                            2021-03-21 20:41:44 (UTC)
                                                                                                                                                               2021-0
                                 Users/Kamryn/Documents/Reference/List-3.txt
                                                                                                            2021-03-21 20:26:43 (UTC)
                                                                                                                                                               2021-0
                                 Users/Kamryn/Documents/Reference/List-1.txt
                                                                                                            2021-03-21 20:41:24 (UTC)
                                                                                                                                                               2021-0
                                 Users/Kamryn/Documents/Reference/List-2.txt
                                                                                                            2021-03-21 20:41:44 (UTC)
                                                                                                                                                                2021-0
                                 Users/Kamryn/Documents/Reference/List-3.txt
                                                                                                            2021-03-21 20:26:43 (UTC)
                                                                                                                                                               2021-0
  (kali⊛kali)-[~/Illegal_Download_Case/Reference_Files]
```

# grep to search for email client:

```
(kali⊛kali)-[~/Illegal_Download_Case/Reference_Files]
                           | The state of the
   -$ grep -F '.exe'
//r 97115-128-4:
      /r 97115-128-7:
-21 20:45:00 (UTC)
                                                                             Users/Kamryn/Downloads/Spare/Thunderbird Setup 78.8.1 (1).exe:SmartScreen 2021-03-21 20:44:54 (UTC)
                                                                                      Vsers/Kamryn/Downloads/Spare/Thunderbird Setup 78.8.1 (1).exe:Zone.Identifier 2021-0 2021-03-21 20:44:54 (UTC)

Program Files/Mozilla Thunderbird/crashreporter.exe 2021-03-21 20:08:48 (UTC) 2
      /r 97115-128-10:
   3-21 20:45:00 (UTC) 2
7/r 93264-128-1: 9
921-03-10 00:32:19 (UTC)
021-03-10 08:32:19 (UTC)

r/r 93283-128-1: Program Files/Mozilla Thunderbird/maintenanceservice.exe 2021-03-21 20:08:48 (UTC)

r/r 93284-128-1: Program Files/Mozilla Thunderbird/maintenanceservice_installer.exe 2021-03-21 20:08:48 (UTC)

08:48 (UTC) 2021-03-10 00:32:19 (UTC)

r/r 93286-128-1: Program Files/Mozilla Thunderbird/maintenanceservice_installer.exe 2021-03-21 20:08:48 (UTC) 2

021-03-10 00:32:19 (UTC)

r/r 93286-128-1: Program Files/Mozilla Thunderbird/minidump-analyzer.exe 2021-03-21 20:08:48 (UTC) 2

r/r 9348-128-1: Program Files/Mozilla Thunderbird/minidump-analyzer.exe 2021-03-21 20:08:48 (UTC) 2
   7/r 93347-128-1: [
121-03-10 00:32:19 (UTC)
1/r 93349-128-1: [
                                                                                                                                                                                                                                                                                               2021-03-21 20:37:00 (UTC) 2
                                                                                      Program Files/Mozilla Thunderbird/plugin-container.exe 2021-03-21 20:08:48 (UTC) 2
1/F 93349-128-1: Program Files/Mozilla Thunderbird/plugin-container.exe 2021-03-21 20:08:48 (UTC) 021-03-10 00:32:19 (UTC)  
1/F 93350-128-1: Program Files/Mozilla Thunderbird/plugin-hang-ui.exe 2021-03-21 20:08:48 (UTC) 021-03-10 00:32:19 (UTC)  
1/F 93357-128-1: Program Files/Mozilla Thunderbird/thunderbird.exe 2021-03-27 14:03:30 (UTC)  
1/F 93359-128-1: Program Files/Mozilla Thunderbird/uninstall/helper.exe 2021-03-21 20:11:18 (UTC)  
1/F 93369-128-1: Program Files/Mozilla Thunderbird/uninstall/helper.exe 2021-03-21 20:11:18 (UTC)
                                                                                      Program Files/Mozilla Thunderbird/thunderbird.exe 2021-03-27 14:03:30 (UTC) 2
                                                                                       Program Files/Mozilla Thunderbird/uninstall/helper.exe 2021-03-21 20:11:18 (UTC) 2
r/r 93369-128-1: 021-03-10 00:32:19 (UTC)
r/r 93361-128-1: 3-10 00:32:19 (UTC)
r/r 93365-128-1: 1
7/r 93365-128-1: 1
7/r 95084-128-4: 1
                                                                                       Program Files/Mozilla Thunderbird/updater.exe 2021-03-21 20:08:48 (UTC)
                                                                                                                                                                                                                                                                                                                                                                                        2021-0
                                                                                      Program Files/Mozilla Thunderbird/WSEnable.exe 2021-03-21 20:08:48 (UTC)
                                                                                                                                                                                                                                                                                                                                                                                         2021-0
                                                                                       Program Files/Windows Mail/wab.exe 2021-03-21 20:08:42 (UTC) 2021-03-21 20:
```

grep to search web browser:

## Using echo to make columns and then cat to output contents: