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Make the USB drive protected, Create the DD Image, and take the data with Autospy

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- **Protect the USB Drive (Write Protection)**
  diskpart
  Launches the Disk Partition tool in Command Prompt.
  Use this command to enter the disk management utility where you can manage drives.

  list disk
  Displays all connected storage drives (disks) on the system.
  Run this after entering diskpart to see a list of all available disks, including your USB drive.

```
⬛ Administrator: Command Prompt - diskpart
Microsoft Windows [Version 10.0.19045.5854]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\system32>list disk
'list' is not recognized as an internal or external command,
operable program or batch file.

C:\Windows\system32>diskpart

Microsoft DiskPart version 10.0.19041.3636

Copyright (C) Microsoft Corporation.
On computer: DESKTOP-GVTTIP2

DISKPART> list disk

  Disk ###  Status          Size     Free     Dyn  Gpt
  --------  -------------   -------  -------   ---  ---
  Disk 0    Online           238 GB  1024 KB         *
  Disk 1    Online          1892 MB     0 B

DISKPART>
```

You can select the usb drive and give limited access

```
DISKPART> select disk 1

Disk 1 is now the selected disk.

DISKPART> attributes disk
Current Read-only State : No
Read-only   : No
Boot Disk   : No
Pagefile Disk   : No
Hibernation File Disk   : No
Crashdump Disk   : No
Clustered Disk   : No

DISKPART> attributed disk set readonly

Microsoft DiskPart version 10.0.19041.3636
```

- **Create a dd Image of the USB Drive**

Download **dd-0.6beta3** tools from enternet and run this tool

```
Administrator: Command Prompt

C:\>cd Users

C:\Users>ls
'ls' is not recognized as an internal or external command,
operable program or batch file.

C:\Users>cd LS Madan

C:\Users\LS Madan>cd Downloads

C:\Users\LS Madan\Downloads>cd dd-0.6beta3

C:\Users\LS Madan\Downloads\dd-0.6beta3>dd if=\\.D: of="C\Users\LS Madan\Desktop\usb_partition_image.dd" bs=1M -Progress
```

```
C:\Users\LS Madan\Downloads\dd-0.6beta3>dd if=\\.D: of="C\Users\LS Madan\Desktop\usb_partition_image.dd" bs=1M -Progress
rawwrite dd for windows version 0.6beta3.
Written by John Newbigin <jn@it.swin.edu.au>
This program is covered by terms of the GPL Version 2.
```

```
29,999M
29999+1 records in
29999+1 records out
```

- ### **Image with Autopsy**

Run the autopsy and give the path then select the location for data