Recover deleted or damaged files from a storage device using Test Disk

File   Actions   Edit   View   Help

PhotoRec 7.2, Data Recovery Utility, February 2024
Christophe GRENIER <grenier@cgsecurity.org>
https://www.cgsecurity.org

Disk /dev/sda - 86 GB / 80 GiB (RO) - VMware Virtual S

```
     Partition                      Start        End    Size in sectors
      No partition          0    0  1 10455 145 40   167968750 [Whole disk]
>  1 * Linux                0   32 33 10455 145 40   167966702 [root]
```

>[Search] [Options] [File Opt] [Quit]
                      Start file recovery

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```
   1 * Linux                0   32 33 10455 145 40   167966702 [root]
```

To recover lost files, PhotoRec needs to know the filesystem type where the
file were stored:
 [ext2/ext3] ext2/ext3/ext4 filesystem
>[Other   ] FAT/NTFS/HFS+/ReiserFS/ ...

File Actions Edit View Help

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  1 * Linux   0 32 33 10455 145 40 167966702 [root]

Please choose if all space needs to be analysed:
>[Free   ] Scan for file from ext2/ext3 unallocated space only
 [Whole   ] Extract files from whole partition

File Actions Edit View Help

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Please select a destination to save the recovered files to.
Do not choose to write the files to the same partition they were stored on.
Keys: **Arrow** keys to select another directory
      C when the destination is correct
      Q to quit
Directory /home/kali
>drwxr-xr-x 1000   1000   4096 27-Aug-2025 12:09 Documents
 drwxr-xr-x 1000   1000   4096 27-Aug-2025 12:09 Downloads
 drwxr-xr-x 1000   1000   4096 27-Aug-2025 12:09 Music
 drwxr-xr-x 1000   1000   4096 31-Aug-2025 00:09 Pictures
 drwxr-xr-x 1000   1000   4096 27-Aug-2025 12:09 Public
 drwxr-xr-x 1000   1000   4096 27-Aug-2025 12:09 Templates
 drwxr-xr-x 1000   1000   4096 27-Aug-2025 12:09 Videos
 drwxr-xr-x   0   0   20480 31-Aug-2025 00:02 recup_dir.1
 drwxr-xr-x   0   0   20480 31-Aug-2025 00:03 recup_dir.10
 drwxr-xr-x   0   0   20480 31-Aug-2025 00:03 recup_dir.100
 drwxr-xr-x   0   0   20480 31-Aug-2025 00:03 recup_dir.101
 drwxr-xr-x   0   0   20480 31-Aug-2025 00:03 recup_dir.102
 drwxr-xr-x   0   0   20480 31-Aug-2025 00:03 recup_dir.103
 drwxr-xr-x   0   0   20480 31-Aug-2025 00:03 recup_dir.104
 drwxr-xr-x   0   0   20480 31-Aug-2025 00:03 recup_dir.105
 drwxr-xr-x   0   0   20480 31-Aug-2025 00:03 recup_dir.106
 drwxr-xr-x   0   0   20480 31-Aug-2025 00:03 recup_dir.107
 drwxr-xr-x   0   0   20480 31-Aug-2025 00:03 recup_dir.108
 drwxr-xr-x   0   0   20480 31-Aug-2025 00:03 recup_dir.109
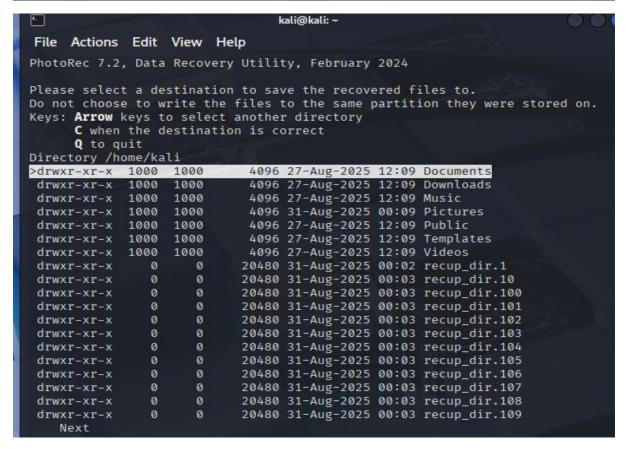   Next

```
                                         kali@kali: ~

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      Partition                 Start        End     Size in sectors
  1 * Linux                  0   32 33 10455 145 40   167966702 [root]

Destination /home/kali/recup_dir

Pass 1 - Reading sector     1855504/167966702, 450 files found
Elapsed time 0h00m30s - Estimated time to completion 0h44m45
txt: 221 recovered
png: 110 recovered
tx?: 61 recovered
pdf: 25 recovered
exe: 15 recovered
zip: 5 recovered
gz: 3 recovered
elf: 2 recovered
gif: 2 recovered
others: 6 recovered
  Stop
```

```
                                         kali@kali: ~

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      Partition                 Start        End     Size in sectors
  1 * Linux                  0   32 33 10455 145 40   167966702 [root]


 942994 files saved in /home/kali/recup_dir directory.
 Recovery completed.

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  [ Quit ]
```