

# Backup Inspiron op volume Hitachi1 op 05/03/2025

## opkuis

```
'/run/media/ulefr01/Hitachi1/dir2.lst' is verwijderd
Maak eerst een kopie van /run/media/ulefr01/Hitachi1/dir.lst, cp
/run/media/ulefr01/Hitachi1/dir.lst /run/media/ulefr01/Hitachi1/dir2.lst
'/run/media/ulefr01/Hitachi1/dir.lst' -> '/run/media/ulefr01/Hitachi1/dir2.lst'
er worden 3 backups gemaakt op volume /run/media/ulefr01/Hitachi1/
datum 20250305 toegevoegd in dir.lst
'/run/media/ulefr01/Hitachi1/backup-boot-20250205-17h02.fsa' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-boot-20250205-17h02.info' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f01' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f02' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f03' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f04' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f05' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f06' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f07' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f08' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f09' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f10' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f11' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f12' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f13' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f14' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f15' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f16' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f17' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f18' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.f19' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.fsa' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-data-20250205-16h49.info' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-efi-20250205-17h02.fsa' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-efi-20250205-17h02.info' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-home-20250205-16h47.f01' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-home-20250205-16h47.f02' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-home-20250205-16h47.fsa' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-home-20250205-16h47.info' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-root-20250205-16h38.f01' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-root-20250205-16h38.f02' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-root-20250205-16h38.f03' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-root-20250205-16h38.f04' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-root-20250205-16h38.f05' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-root-20250205-16h38.f06' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-root-20250205-16h38.f07' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-root-20250205-16h38.f08' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-root-20250205-16h38.fsa' is verwijderd
'/run/media/ulefr01/Hitachi1/backup-root-20250205-16h38.info' is verwijderd
'/run/media/ulefr01/Hitachi1/Inspiron_Hitachi1_20250205.log' is verwijderd
'/run/media/ulefr01/Hitachi1/sda_20250205.mbr' is verwijderd
'/run/media/ulefr01/Hitachi1/sda2047_20250205.mbr' is verwijderd
'/run/media/ulefr01/Hitachi1/sdb_20250205.mbr' is verwijderd
'/run/media/ulefr01/Hitachi1/sdb2047_20250205.mbr' is verwijderd
eerste lijn = 20250205 is uit /run/media/ulefr01/Hitachi1/dir.lst
```

## inxi

-----

System:

Host: ulefr01-inspiron Kernel: 6.13.5-zen1-1-zen arch: x86\_64 bits: 64

compiler: gcc v: 14.2.1 clocksource: tsc avail: hpet,acpi\_pm  
parameters: initrd=\6e5d28a507e74d65a7d74c857f1d4565\6.13.5-zen1-1-zen\initrd  
nvme\_load=YES nowatchdog rw  
root=UUID=f8045174-efa9-4cfd-a40f-13f6d9dacd04  
resume=UUID=b3d615cc-2eb6-4399-b302-09b37847a913  
systemd.machine\_id=6e5d28a507e74d65a7d74c857f1d4565  
Desktop: GNOME v: 47.5 tk: GTK v: 3.24.48 wm: gnome-shell  
tools: gsd-screensaver-proxy dm: GDM v: 47.0 Distro: EndeavourOS  
base: Arch Linux  
Machine:  
Type: Laptop System: Dell product: Inspiron 5559 v: N/A serial: 9N79H72  
Chassis: type: 10 serial: 9N79H72  
Mobo: Dell model: 0K64R6 v: A00 serial: /9N79H72/CN1296361E0152/  
part-nu: 06B2 uuid: 4c4c4544-004e-3710-8039-b9c04f483732 UEFI: Dell v: 1.9.0  
date: 09/07/2020  
Battery:  
ID-1: BAT0 charge: 14.8 Wh (100.0%) condition: 14.8/37.3 Wh (39.6%)  
volts: 16.6 min: 14.8 model: Panasonic DELL FJCY555 type: Li-ion  
serial: 3697 status: full  
CPU:  
Info: model: Intel Core i7-6500U socket: U3E1 bits: 64 type: MT MCP  
arch: Skylake gen: core 6 level: v3 note: check built: 2015  
process: Intel 14nm family: 6 model-id: 0x4E (78) stepping: 3  
microcode: 0xF0  
Topology: cpus: 1x dies: 1 clusters: 2 cores: 2 threads: 4 tpc: 2  
smt: enabled cache: L1: 128 KiB desc: d-2x32 KiB; i-2x32 KiB L2: 512 KiB  
desc: 2x256 KiB L3: 4 MiB desc: 1x4 MiB  
Speed (MHz): avg: 953 min/max: 400/3100 base/boost: 2500/2500 scaling:  
driver: intel\_pstate governor: powersave volts: 0.9 V ext-clock: 100 MHz  
cores: 1: 953 2: 953 3: 953 4: 953 bogomips: 20799  
Flags: avx avx2 ht lm nx pae sse sse2 sse3 sse4\_1 sse4\_2 ssse3 vmx  
Vulnerabilities:  
Type: gather\_data\_sampling status: Vulnerable: No microcode  
Type: itlb\_multihit status: KVM: Split huge pages  
Type: l1tf mitigation: PTE Inversion; VMX: conditional cache flushes, SMT  
vulnerable  
Type: mds mitigation: Clear CPU buffers; SMT vulnerable  
Type: meltdown mitigation: PTI  
Type: mmio\_stale\_data mitigation: Clear CPU buffers; SMT vulnerable  
Type: reg\_file\_data\_sampling status: Not affected  
Type: retbleed mitigation: IBRS  
Type: spec\_rstack\_overflow status: Not affected  
Type: spec\_store\_bypass mitigation: Speculative Store Bypass disabled via  
prctl  
Type: spectre\_v1 mitigation: usercopy/swaps barriers and \_\_user pointer  
sanitization  
Type: spectre\_v2 mitigation: IBRS; IBPB: conditional; STIBP: conditional;  
RSB filling; PBRSE-eIBRS: Not affected; BHI: Not affected  
Type: srbds mitigation: Microcode  
Type: tsx\_async\_abort status: Not affected  
Graphics:  
Device-1: Intel Skylake GT2 [HD Graphics 520] vendor: Dell driver: i915  
v: kernel arch: Gen-9 process: Intel 14n built: 2015-16 ports: active: eDP-1  
empty: HDMI-A-1 bus-ID: 00:02.0 chip-ID: 8086:1916 class-ID: 0300  
Device-2: Advanced Micro Devices [AMD/ATI] Sun XT [Radeon HD  
8670A/8670M/8690M / R5 M330 M430 Radeon 520 Mobile] vendor: Dell  
driver: radeon v: kernel alternate: amdgpu arch: GCN-1  
code: Southern Islands process: TSMC 28nm built: 2011-20 pcie: gen: 1  
speed: 2.5 GT/s lanes: 4 link-max: gen: 3 speed: 8 GT/s lanes: 8  
bus-ID: 01:00.0 chip-ID: 1002:6660 class-ID: 0380 temp: 29.0 C  
Device-3: Sunplus Innovation Integrated\_Webcam\_HD driver: uvcvideo  
type: USB rev: 2.0 speed: 480 Mb/s lanes: 1 mode: 2.0 bus-ID: 1-5:3  
chip-ID: 1bcf:2b90 class-ID: 0e02

Display: unspecified server: X.Org v: 24.1.6 with: Xwayland v: 24.1.6  
compositor: gnome-shell driver: gpu: i915 display-ID: :0 screens: 1  
Screen-1: 0 s-res: 1920x1080 s-dpi: 96 s-size: 508x286mm (20.00x11.26")  
s-diag: 583mm (22.95")  
Monitor-1: eDP-1 model: LG Display 0x0492 built: 2014 res: mode: 1920x1080  
hz: 60 scale: 100% (1) dpi: 143 gamma: 1.2 size: 340x190mm (13.39x7.48")  
diag: 395mm (15.5") ratio: 16:9 modes: 1920x1080  
API: EGL v: 1.5 hw: drv: intel iris drv: amd radeonsi platforms: device: 0  
drv: iris device: 1 drv: radeonsi device: 2 drv: swrast gbm: drv: iris  
surfaceless: drv: iris x11: drv: iris inactive: wayland  
API: OpenGL v: 4.6 compat-v: 4.5 vendor: intel mesa v: 24.3.4-arch1.1  
glx-v: 1.4 direct-render: yes renderer: Mesa Intel HD Graphics 520 (SKL GT2)  
device-ID: 8086:1916 memory: 7.51 GiB unified: yes  
Info: Tools: api: eglinfo,glxinfo x11: xdpyinfo, xprop, xrandr

Audio:  
Device-1: Intel Sunrise Point-LP HD Audio vendor: Dell driver: snd\_hda\_intel  
v: kernel alternate: snd\_soc\_avs bus-ID: 00:1f.3 chip-ID: 8086:9d70  
class-ID: 0403  
API: ALSA v: k6.13.5-zen1-1-zen status: kernel-api  
tools: alsactl,alsamixer,amixer  
Server-1: PipeWire v: 1.2.7 status: n/a (root, process) with:  
1: pipewire-pulse status: active 2: wireplumber status: active  
3: pipewire-alsa type: plugin 4: pw-jack type: plugin  
tools: pactl,pw-cat,pw-cli,wpctl

Network:  
Device-1: Intel Wireless 3160 driver: iwlwifi v: kernel pcie: gen: 1  
speed: 2.5 GT/s lanes: 1 bus-ID: 02:00.0 chip-ID: 8086:08b3 class-ID: 0280  
IF: wlan0 state: up mac: 34:de:1a:c3:53:8e  
Device-2: Realtek RTL810xE PCI Express Fast Ethernet vendor: Dell  
driver: r8169 v: kernel pcie: gen: 1 speed: 2.5 GT/s lanes: 1 port: d000  
bus-ID: 03:00.0 chip-ID: 10ec:8136 class-ID: 0200  
IF: enp3s0 state: down mac: f8:ca:b8:47:77:c9  
IF-ID-1: br-85f4b5b16973 state: up speed: 10000 Mbps duplex: unknown  
mac: 72:b4:c8:55:0b:69  
IF-ID-2: docker0 state: down mac: da:93:03:da:fd:bd  
IF-ID-3: veth133cd97 state: up speed: 10000 Mbps duplex: full  
mac: 1e:e7:fe:8b:43:94  
Info: services: NetworkManager, sshd, systemd-timesyncd, wpa\_supplicant

Bluetooth:  
Device-1: Intel Bluetooth wireless interface driver: btusb v: 0.8 type: USB  
rev: 2.0 speed: 12 Mb/s lanes: 1 mode: 1.1 bus-ID: 1-8:5 chip-ID: 8087:07dc  
class-ID: e001  
Report: btmgmt ID: hci0 rfk-id: 5 state: down bt-service: disabled  
rfk-block: hardware: no software: no address: N/A

Drives:  
Local Storage: total: 2.57 TiB lvm-free: 220.03 GiB used: 287.09 GiB (10.9%)  
ID-1: /dev/sda maj-min: 8:0 vendor: Crucial model: CT500MX500SSD1  
family: Micron Client SSDs size: 465.76 GiB block-size: physical: 4096 B  
logical: 512 B sata: 3.3 speed: 6.0 Gb/s tech: SSD serial: 1804E10B93FE  
fw-rev: 010 temp: 26 C scheme: GPT  
SMART: yes state: enabled health: PASSED on: 144d 17h cycles: 4653  
written: 15.16 TiB  
ID-2: /dev/sdb maj-min: 8:16 vendor: Samsung model: ST2000LM003 HN-M201RAD  
family: Seagate SpinPoint M9T size: 1.82 TiB block-size: physical: 4096 B  
logical: 512 B sata: 3.0 speed: 6.0 Gb/s tech: HDD rpm: 5400  
serial: S37PJ90G940842 fw-rev: 0001 temp: 19 C scheme: GPT  
SMART: yes state: enabled health: PASSED on: 325d 6h cycles: 6910  
read: 2.66 GiB written: 190.2 MiB  
ID-3: /dev/sdc maj-min: 8:32 vendor: Hitachi model: HTS725032A9A364  
family: Travelstar 7K500 size: 298.09 GiB block-size: physical: 512 B  
logical: 512 B type: USB rev: 3.0 spd: 5 Gb/s lanes: 1 mode: 3.2 gen-1x1  
sata: 2.6 speed: 3.0 Gb/s tech: HDD rpm: 7200 serial: 100527PCKC04VPJSZE6K  
fw-rev: PC30CA0B temp: 19 C scheme: GPT  
SMART: yes state: enabled health: PASSED on: 1y 286d 20h cycles: 3976

read: 8.03 TiB written: 6.44 TiB

#### Partition:

ID-1: / raw-size: 50 GiB size: 48.91 GiB (97.83%) used: 13.99 GiB (28.6%)  
fs: ext4 block-size: 4096 B dev: /dev/dm-0 maj-min: 254:0 mapped: myssd-root  
uuid: N/A  
ID-2: /boot raw-size: 500 MiB size: 458.3 MiB (91.67%)  
used: 9.4 MiB (2.0%) fs: ext4 block-size: 1024 B dev: /dev/sda2 maj-min: 8:2  
uuid: 87df4f94-7a76-40f7-bf64-0f31096e6884  
ID-3: /data raw-size: 270 GiB size: 265.7 GiB (98.41%)  
used: 178.28 GiB (67.1%) fs: ext4 block-size: 4096 B dev: /dev/dm-2  
maj-min: 254:2 mapped: myssd-data uuid: N/A  
ID-4: /efi raw-size: 950 MiB size: 948.1 MiB (99.80%)  
used: 307.6 MiB (32.4%) fs: vfat block-size: 512 B dev: /dev/sda1  
maj-min: 8:1 uuid: 9FAB-B832  
ID-5: /home raw-size: 60 GiB size: 58.76 GiB (97.93%)  
used: 18.8 GiB (32.0%) fs: ext4 block-size: 4096 B dev: /dev/dm-1  
maj-min: 254:1 mapped: myssd-home uuid: N/A  
ID-6: /run/media/ulefr01/Hitachi1 raw-size: 298.09 GiB  
size: 293.35 GiB (98.41%) used: 75.66 GiB (25.8%) fs: ext4  
block-size: 4096 B dev: /dev/sdc1 maj-min: 8:33  
uuid: 5fe65b63-53f3-440b-ab59-e847cfa16d1b

#### Swap:

Kernel: swappiness: 60 (default) cache-pressure: 100 (default) zswap: no  
ID-1: swap-1 type: partition size: 15 GiB used: 54.2 MiB (0.4%)  
priority: -2 dev: /dev/dm-3 maj-min: 254:3 mapped: myssd-swap  
uuid: b3d615cc-2eb6-4399-b302-09b37847a913

#### Sensors:

System Temperatures: cpu: 33.0 C pch: 29.5 C mobo: 30.0 C sodimm: SODIMM C  
gpu: radeon temp: 29.0 C  
Fan Speeds (rpm): cpu: 0

#### Info:

Memory: total: 16 GiB available: 15.38 GiB used: 2.52 GiB (16.4%)  
igpu: 32 MiB  
Processes: 249 Power: uptime: 3d 6h 21m states: freeze,mem,disk  
suspend: deep avail: s2idle wakeups: 0 hibernate: platform avail: shutdown,  
reboot, suspend, test\_resume image: 6.14 GiB services: gsd-power,  
power-profiles-daemon, upowerd Init: systemd v: 257 default: graphical  
tool: systemctl  
Packages: pm: pacman pkgs: 1203 libs: 300 tools: pamac,yay pm: flatpak  
pkgs: 0 Compilers: clang: 19.1.7 gcc: 14.2.1 Shell: backup-inspiron (sudo)  
default: fish v: 4.0.0 running-in: ptyxis-agent inxi: 3.3.37

## lsblk

```
-----
NAME                                MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS      FSTYPE
PARTLABEL                            FSAVAIL FSSIZE
sda                                  8:0      0 465,8G  0 disk
├─sda1                              8:1      0  950M  0 part /efi                vfat
640,5M 948,1M
├─sda2                              8:2      0   500M  0 part /boot              ext4
boot                                420M 458,3M
└─sda3                              8:3      0 464,3G  0 part
LVM2_member lvm root home data
├─myssd-root                        254:0    0   50G  0 lvm /                  ext4
32,4G 48,9G
├─myssd-home                        254:1    0   60G  0 lvm /home            ext4
36,9G 58,8G
├─myssd-data                        254:2    0 270G  0 lvm /data            ext4
84,7G 265,7G
└─myssd-swap                        254:3    0   15G  0 lvm [SWAP]           swap
sdb                                  8:16     0   1,8T  0 disk
├─sdb1                              8:17     0  128M  0 part                vfat
```

```

Microsoft reserved partition
├sdb2      8:18  0   926G  0 part                ntfs
Windows 10 C drive
├sdb3      8:19  0   923M  0 part                ntfs
Windows 10 D drive
├sdb4      8:20  0  14,8G  0 part                ntfs
Windows 10 E drive
└sdb5      8:21  0  920,7G  0 part
LVM2_member LVM volume mydell
├mydell-backup 254:4  0    50G  0 lvm                ext4
└mydell-backup2 254:5  0   720G  0 lvm                ext4
sdc        8:32  0  298,1G  0 disk
└sdc1      8:33  0  298,1G  0 part /run/media/u-lefr01/Hitachi1 ext4
Hytachi1          214,7G 293,3G

```

## gdisk /dev/sda

```

-----
GPT fdisk (gdisk) version 1.0.10

```

```

Partition table scan:
  MBR: protective
  BSD: not present
  APM: not present
  GPT: present

```

```

Found valid GPT with protective MBR; using GPT.
Disk /dev/sda: 976773168 sectors, 465.8 GiB
Model: CT500MX500SSD1
Sector size (logical/physical): 512/4096 bytes
Disk identifier (GUID): F2F807F0-ADA1-4778-B180-8768CB1AF5D5
Partition table holds up to 128 entries
Main partition table begins at sector 2 and ends at sector 33
First usable sector is 34, last usable sector is 976773134
Partitions will be aligned on 2048-sector boundaries
Total free space is 2029 sectors (1014.5 KiB)

```

Number	Start (sector)	End (sector)	Size	Code	Name
1	1026048	2971647	950.0 MiB	EF00	
2	2048	1026047	500.0 MiB	8300	boot
3	2971648	976773119	464.3 GiB	8E00	lvm root home data

## gdisk /dev/sdb

```

-----
GPT fdisk (gdisk) version 1.0.10

```

```

Partition table scan:
  MBR: protective
  BSD: not present
  APM: not present
  GPT: present

```

```

Found valid GPT with protective MBR; using GPT.
Disk /dev/sdb: 3907029168 sectors, 1.8 TiB
Model: ST2000LM003 HN-M
Sector size (logical/physical): 512/4096 bytes
Disk identifier (GUID): 10A26BFF-691A-4408-9E46-D7B493CAB9BA
Partition table holds up to 128 entries
Main partition table begins at sector 2 and ends at sector 33
First usable sector is 34, last usable sector is 3907029134
Partitions will be aligned on 2048-sector boundaries
Total free space is 1026157 sectors (501.1 MiB)

```

Number	Start (sector)	End (sector)	Size	Code	Name
1	1026048	1288191	128.0 MiB	0C01	Microsoft reserved ...
2	1288192	1943328767	926.0 GiB	0700	Windows 10 C drive
3	3874150400	3876040703	923.0 MiB	2700	Windows 10 D drive
4	3876040704	3907028991	14.8 GiB	2700	Windows 10 E drive
5	1943328768	3874150399	920.7 GiB	8E00	LVM volume mydell

## parted /dev/sda

Model: ATA CT500MX500SSD1 (scsi)  
 Schijf /dev/sda: 500GB  
 Sectorgrootte (logisch/fysiek): 512B/4096B  
 Partitietabel: gpt  
 Schijfvlaggen:

Nummer	Begin	Einde	Grootte	Bestandssysteem	Naam	Vlaggen
2	1049kB	525MB	524MB	ext4	boot	
1	525MB	1521MB	996MB	fat32		opstart,
esp						
3	1521MB	500GB	499GB		lvm root home data	lvm

## parted /dev/sdb

Model: ATA ST2000LM003 HN-M (scsi)  
 Schijf /dev/sdb: 2000GB  
 Sectorgrootte (logisch/fysiek): 512B/4096B  
 Partitietabel: gpt  
 Schijfvlaggen:

Nummer	Begin	Einde	Grootte	Bestandssysteem	Naam	Vlaggen
1	525MB	660MB	134MB	fat16	Microsoft reserved partition	
2	660MB	995GB	994GB	ntfs	Windows 10 C drive	
5	995GB	1984GB	989GB	ntfs	LVM volume mydell	
3	1984GB	1985GB	968MB	ntfs	Windows 10 D drive	
4	1985GB	2000GB	15,9GB	ntfs	Windows 10 E drive	

## blkid

```

-----
/dev/mapper/myssd-home: UUID="10ec60c2-6cc3-47f8-89f4-4aee25167c87"
BLOCK_SIZE="4096" TYPE="ext4"
/dev/sdb4: LABEL="WinE" BLOCK_SIZE="512" UUID="B204B41404B3D995" TYPE="ntfs"
PARTLABEL="Windows 10 E drive" PARTUUID="5e1ccbdb-ab77-43a8-af6f-73176c6d9d2a"
/dev/sdb2: LABEL="OS" BLOCK_SIZE="512" UUID="C4BE2937BE292400" TYPE="ntfs"
PARTLABEL="Windows 10 C drive" PARTUUID="3341975e-b891-484d-af8b-8c31c4a2eeeb"
/dev/sdb5: UUID="hxtVvE-kr8g-ZEdI-rG27-85pz-2YP0-2p464N" TYPE="LVM2_member"
PARTLABEL="LVM volume mydell" PARTUUID="b6890c3d-2476-4013-88ab-76baa7e78e72"
/dev/sdb3: LABEL="WINRETOOLS" BLOCK_SIZE="512" UUID="E6DCB388DCB35193"
TYPE="ntfs" PARTLABEL="Windows 10 D drive" PARTUUID="9741115d-6e1e-48a5-8729-
acf0c067fda4"
/dev/sdb1: SEC_TYPE="msdos" UUID="A4EC-2596" BLOCK_SIZE="512" TYPE="vfat"
PARTLABEL="Microsoft reserved partition" PARTUUID="4a6e3952-312c-498b-be42-
c31033e4ae1f"
/dev/mapper/mydell-backup: LABEL="backup" UUID="f121a365-44da-46f1-bd6e-
eed4f26109fe" BLOCK_SIZE="4096" TYPE="ext4"

```

```

/dev/mapper/myssd-data: LABEL="data" UUID="2c66bdba-e26c-401d-bf8c-dc304db8b2f2"
BLOCK_SIZE="4096" TYPE="ext4"
/dev/mapper/myssd-root: UUID="f8045174-efa9-4cfd-a40f-13f6d9dacd04"
BLOCK_SIZE="4096" TYPE="ext4"
/dev/sda2: UUID="87df4f94-7a76-40f7-bf64-0f31096e6884" BLOCK_SIZE="1024"
TYPE="ext4" PARTLABEL="boot" PARTUUID="1cb0011a-3c55-4a8c-9437-11c6254f6f3e"
/dev/sda3: UUID="FkU763-rALp-91mk-MPT0-nihN-5orE-eDTKeb" TYPE="LVM2_member"
PARTLABEL="lvm root home data" PARTUUID="2f824191-edf5-43da-ae4a-76b9b898914e"
/dev/sda1: UUID="9FAB-B832" BLOCK_SIZE="512" TYPE="vfat" PARTUUID="e00c1b4b-
c908-4577-abaf-dd362f534e59"
/dev/mapper/mydell-backup2: LABEL="backup2" UUID="bc41856b-bace-4235-9e9e-
ee49ffb83ea8" BLOCK_SIZE="4096" TYPE="ext4"
/dev/mapper/myssd-swap: UUID="b3d615cc-2eb6-4399-b302-09b37847a913" TYPE="swap"
/dev/sdc1: LABEL="Hitachi1" UUID="5fe65b63-53f3-440b-ab59-e847cfa16d1b"
BLOCK_SIZE="4096" TYPE="ext4" PARTLABEL="Hytachi1" PARTUUID="2fbb9ea5-5641-4203-
8591-b7f8ca67ac41"

```

## fysische volumes

### pvs

```

-----
File descriptor 3 (/run/media/ulefr01/Hitachi1/Inspiron_Hitachi1_20250305.log)
leaked on pvs invocation. Parent PID 75641: /bin/bash
  PV          VG      Fmt Attr PSize  PFree
  /dev/sda3  myssd  lvm2 a-- 464,34g 69,34g
  /dev/sdb5  mydell lvm2 a-- 920,68g 150,68g

```

## Volume groepen

### Vgs

```

-----
File descriptor 3 (/run/media/ulefr01/Hitachi1/Inspiron_Hitachi1_20250305.log)
leaked on vgs invocation. Parent PID 75641: /bin/bash
  VG      #PV #LV #SN Attr   VSize  VFree
  mydell   1  2  0 wz--n- 920,68g 150,68g
  myssd    1  4  0 wz--n- 464,34g 69,34g

```

## logische volumen

### lvs

```

-----
File descriptor 3 (/run/media/ulefr01/Hitachi1/Inspiron_Hitachi1_20250305.log)
leaked on lvs invocation. Parent PID 75641: /bin/bash
  LV      VG      Attr      LSize  Pool Origin Data%  Meta%  Move Log Cpy%Sync
Convert
  backup  mydell  -wi-a----- 50,00g
  backup2 mydell  -wi-a----- 720,00g
  data    myssd   -wi-ao---- 270,00g
  home    myssd   -wi-ao---- 60,00g
  root    myssd   -wi-ao---- 50,00g
  swap    myssd   -wi-ao---- 15,00g
File descriptor 3 (/run/media/ulefr01/Hitachi1/Inspiron_Hitachi1_20250305.log)
leaked on lvs invocation. Parent PID 75641: /bin/bash
  LV      VG      Attr      LSize  Pool Origin Data%  Meta%  Move Log Cpy%Sync
Convert Devices
  backup  mydell  -wi-a----- 50,00g      /dev/sdb5(134190)
  backup2 mydell  -wi-a----- 720,00g     /dev/sdb5(0)
  backup2 mydell  -wi-a----- 720,00g     /dev/sdb5(185390)

```

```

backup2 mydell -wi-a----- 720,00g /dev/sdb5(102190)
backup2 mydell -wi-a----- 720,00g /dev/sdb5(72000)
backup2 mydell -wi-a----- 720,00g /dev/sdb5(71762)
data myssd -wi-ao---- 270,00g /dev/sda3(25600)
home myssd -wi-ao---- 60,00g /dev/sda3(12800)
home myssd -wi-ao---- 60,00g /dev/sda3(94720)
root myssd -wi-ao---- 50,00g /dev/sda3(0)
swap myssd -wi-ao---- 15,00g /dev/sda3(97280)

```

## eerste 2047 sectoren van /dev/sda

```

-----
dd if=/dev/sda of=sda2047.mbr bs=512 count=2047
eerste sector van /dev/sda

```

```

-----
dd if=/dev/sda of=sda.mbr bs=512 count=1

```

## eerste 2047 sectoren van /dev/sdb

```

-----
dd if=/dev/sdb of=sdb2047.mbr bs=512 count=2047
eerste sector van /dev/sdb

```

```

-----
dd if=/dev/sdb of=sdb.mbr bs=512 count=1

```

## backup logische root volume

```

backup_lv

```

```

-----
volumegroup = myssd
logical volume = root
backnam = backup-root

```

```

-----
lvcreate -L 49G -s -n mysnap /dev/myssd/root
creation of the lvm snapshot was successfull
mount -o remount,acl,user_xattr /dev/myssd/mysnap
fsarchiver savefs -A -a -Lroot -Z11 -j8 -s 1000 backup-root-20250305-
19h02.fsa /dev/myssd/mysnap done
lvremove -vf /dev//myssd/mysnap
fsarchiver archinfo backup-root-20250305-19h02.fsa 2>backup-root-20250305-
19h02.info
duur backup-root = Elapsed: 0 hrs 5 min 39 sec

```

## backup logische home volume

```

backup_lv

```

```

-----
volumegroup = myssd
logical volume = home
backnam = backup-home

```

```

-----
lvcreate -L 49G -s -n mysnap /dev/myssd/home
creation of the lvm snapshot was successfull
mount -o remount,acl,user_xattr /dev/myssd/mysnap
fsarchiver savefs -A -a -Lhome -Z11 -j8 -s 1000 backup-home-20250305-
19h08.fsa /dev/myssd/mysnap done
lvremove -vf /dev//myssd/mysnap
fsarchiver archinfo backup-home-20250305-19h08.fsa 2>backup-home-20250305-
19h08.info
duur backup-home = Elapsed: 0 hrs 5 min 14 sec

```

## backup logische data volume

```

backup_lv

```

```
-----  
volumegroup = myssd  
logical volume = data  
backnam = backup-data  
-----  
lvcreate -L 49G -s -n mysnap /dev/myssd/data  
creation of the lvm snapshot was successfull  
mount -o remount,acl,user_xattr /dev/myssd/mysnap  
fsarchiver savefs -A -a -Ldata -Z11 -j8 -s 1000 backup-data-20250305-  
19h13.fsa /dev/myssd/mysnap --exclude=Photos --exclude=PDF done  
cannot remove the lvm snapshot  
fsarchiver archinfo backup-data-20250305-19h13.fsa 2>backup-data-20250305-  
19h13.info  
duur backup-data = Elapsed: 0 hrs 7 min 40 sec
```

## **backup efi partitie**

```
backup-dev  
-----  
backnam = backup-efi  
device = /dev/sda1  
-----  
fsarchiver savefs -A -Z11 -j8 -s 1000 backup-efi-20250305-19h21.fsa /dev/sda1  
fsarchiver savefs -A -Z11 -j8 -s 1000 backup-efi-20250305-19h21.fsa /dev/sda1  
done  
fsarchiver archinfo backup-efi-20250305-19h21.fsa 2>backup-efi-20250305-  
19h21.info  
duur backup-efi = Elapsed: 0 hrs 0 min 4 sec
```

## **backup boot partitie**

```
backup-dev  
-----  
backnam = backup-boot  
device = /dev/sda2  
-----  
fsarchiver savefs -A -Z11 -j8 -s 1000 backup-boot-20250305-19h21.fsa /dev/sda2  
fsarchiver savefs -A -Z11 -j8 -s 1000 backup-boot-20250305-19h21.fsa /dev/sda2  
done  
fsarchiver archinfo backup-boot-20250305-19h21.fsa 2>backup-boot-20250305-  
19h21.info  
duur backup-boot = Elapsed: 0 hrs 0 min 1 sec
```

**totale duur = Elapsed: 0 hrs 18 min 38 sec**