

Proxmox KVM / CT Restore via Terminal

```
dir: local
  path /var/lib/vz
  content vztmpl,backup,iso
  prune-backups keep-last=1
  shared 0

zfspool: local-zfs
  pool rpool/data
  content rootdir,images
  sparse 1

cephfs: cephfs
  path /mnt/pve/cephfs
  content iso,vztmpl,backup

pbs: backup
  datastore backup
  server <ip_from_pbs_server>
  content backup
  fingerprint *****
  prune-backups keep-all=1
  username root@pam
```

Beschreibung

Eigentlich gehört das ja unter den Proxmox Server selbst. Da es aber hier explizit um den Restore von einem PBS Speicher geht.

Dachte ich schreib ich das hier rein.

Ermitteln des PBS Speicher namens

Mittels den Befehl

```
cat /etc/pve/storage.cfg
```

Ausgabe:

```
dir: local
  path /var/lib/vz
  content vztmpl,backup,iso
  prune-backups keep-last=1
  shared 0

zfspool: local-zfs
  pool rpool/data
  content rootdir,images
  sparse 1

cephfs: cephfs
  path /mnt/pve/cephfs
  content iso,vztmpl,backup

pbs: backup
  datastore backup
  server <pbs_server_ip>
  content backup
  fingerprint *****
  prune-backups keep-all=1
  username root@pam
```

Nun sehen wir, das unser PBD Store hier backup heißt.

Auflisten der Backups

Da wir jetzt wissen, wie unser Backupstore heißt , lassen wir uns alle Backups Auflisten, damit wir wissen welches wir haben wollen.

Befehl:

```
pvesm list <pbsname>
Beispiel
pvesm list backup
```

Ausgabe:

Valid	Format	Type	Size	VMID
backup:backup/ct/104/2021-08-16T04:26:02Z	pbs-ct	backup	2479283013	104
backup:backup/ct/104/2021-08-16T06:21:03Z	pbs-ct	backup	2479207164	104
backup:backup/ct/107/2021-12-25T23:04:12Z	pbs-ct	backup	673609752	107
backup:backup/ct/107/2022-06-25T22:09:42Z	pbs-ct	backup	673182555	107
backup:backup/ct/107/2022-07-30T22:47:38Z	pbs-ct	backup	672557354	107
backup:backup/ct/107/2022-08-27T22:15:19Z	pbs-ct	backup	672595329	107
backup:backup/ct/107/2022-09-24T22:12:42Z	pbs-ct	backup	672370901	107
backup:backup/ct/107/2022-10-01T22:08:55Z	pbs-ct	backup	672927418	107
ackup:backup/vm/139/2023-01-01T00:36:43Z	pbs-vm	backup	8624294872084	139
backup:backup/vm/139/2023-01-02T00:51:24Z	pbs-vm	backup	8624294872086	139
backup:backup/vm/139/2023-01-03T00:47:49Z	pbs-vm	backup	8624294872086	139
backup:backup/vm/139/2023-01-04T00:44:20Z	pbs-vm	backup	8624294872085	139
backup:backup/vm/139/2023-01-05T00:35:17Z	pbs-vm	backup	8624294872084	139
backup:backup/vm/139/2023-01-06T00:53:37Z	pbs-vm	backup	8624294872088	139
backup:backup/vm/139/2023-01-07T00:33:51Z	pbs-vm	backup	8624294872085	139
backup:backup/vm/139/2023-01-08T00:45:41Z	pbs-vm	backup	8624294872087	139
backup:backup/vm/139/2023-01-09T00:34:17Z	pbs-vm	backup	8624294872089	139
backup:backup/vm/139/2023-01-10T00:23:08Z	pbs-vm	backup	8624294872085	139
backup:backup/vm/139/2023-01-11T00:39:43Z	pbs-vm	backup	8624294872085	139
backup:backup/vm/139/2023-01-12T00:29:20Z	pbs-vm	backup	8624294872086	139
backup:backup/vm/139/2023-01-13T00:29:04Z	pbs-vm	backup	8624294872087	139
backup:backup/vm/139/2023-01-14T00:22:10Z	pbs-vm	backup	8624294872086	139
backup:backup/vm/139/2023-01-15T00:25:47Z	pbs-vm	backup	8624294872085	139

So eine Liste kann auch lang werden.

Sonst diese einfach nur durch grep mit der vmid schieben z.b /221 für die VM 221.

Wir machen ein slash davor, falls die 139 in irgendeinem hash auftauchen sollte, diese nicht mit ausgegeben wird

```
pvesm list backup | grep /221
```

Ausgabe

```
backup:backup/vm/221/2021-12-25T23:00:02Z pbs-vm backup 108447925038 221
backup:backup/vm/221/2022-04-23T22:00:02Z pbs-vm backup 108447925035 221
backup:backup/vm/221/2022-05-28T22:00:03Z pbs-vm backup 108447925035 221
backup:backup/vm/221/2022-06-24T22:00:02Z pbs-vm backup 108447925037 221
backup:backup/vm/221/2022-07-30T22:00:03Z pbs-vm backup 108447925037 221
backup:backup/vm/221/2022-08-06T22:00:10Z pbs-vm backup 108447925038 221
backup:backup/vm/221/2022-08-13T22:00:05Z pbs-vm backup 108447925036 221
```

backup:backup/vm/221/2022-08-19T22:00:04Z pbs-vm backup	108447925035 221
backup:backup/vm/221/2022-08-27T22:00:06Z pbs-vm backup	108447925035 221
backup:backup/vm/221/2022-08-28T22:00:02Z pbs-vm backup	108447925036 221
backup:backup/vm/221/2022-08-30T22:00:02Z pbs-vm backup	108447925039 221
backup:backup/vm/221/2022-08-31T22:00:07Z pbs-vm backup	108447925034 221
backup:backup/vm/221/2022-09-01T22:00:02Z pbs-vm backup	108447925037 221
backup:backup/vm/221/2022-09-04T22:00:01Z pbs-vm backup	108447925037 221
backup:backup/vm/221/2022-09-05T22:00:08Z pbs-vm backup	108447925039 221
backup:backup/vm/221/2022-09-06T22:00:04Z pbs-vm backup	108447925037 221
backup:backup/vm/221/2022-09-08T22:00:01Z pbs-vm backup	108447925039 221
backup:backup/vm/221/2022-09-09T22:00:05Z pbs-vm backup	108447925037 221
backup:backup/vm/221/2022-09-11T22:00:05Z pbs-vm backup	108447925036 221
backup:backup/vm/221/2022-09-14T22:00:04Z pbs-vm backup	108447925037 221
backup:backup/vm/221/2022-09-15T22:00:03Z pbs-vm backup	108447925036 221
backup:backup/vm/221/2022-09-16T22:00:07Z pbs-vm backup	108447925038 221
backup:backup/vm/221/2022-09-17T22:00:01Z pbs-vm backup	108447925037 221
backup:backup/vm/221/2022-09-18T22:00:05Z pbs-vm backup	108447925037 221
backup:backup/vm/221/2022-09-23T22:00:03Z pbs-vm backup	108447925037 221
backup:backup/vm/221/2022-09-24T22:00:02Z pbs-vm backup	108447925037 221
backup:backup/vm/221/2022-09-26T22:00:03Z pbs-vm backup	108447925039 221
backup:backup/vm/221/2022-09-29T22:00:03Z pbs-vm backup	108447925040 221
backup:backup/vm/221/2022-09-30T22:00:12Z pbs-vm backup	108447925032 221
backup:backup/vm/221/2022-10-01T22:00:06Z pbs-vm backup	108447925034 221
backup:backup/vm/221/2022-10-02T22:00:07Z pbs-vm backup	108447925039 221
backup:backup/vm/221/2022-10-03T22:00:06Z pbs-vm backup	108447925037 221
backup:backup/vm/221/2022-10-05T22:00:02Z pbs-vm backup	108447925039 221
backup:backup/vm/221/2022-10-07T22:00:04Z pbs-vm backup	108447925039 221
backup:backup/vm/221/2022-10-08T22:00:06Z pbs-vm backup	108447925036 221
backup:backup/vm/221/2022-10-10T22:00:03Z pbs-vm backup	108447925037 221
backup:backup/vm/221/2022-10-11T22:00:02Z pbs-vm backup	108447925038 221
backup:backup/vm/221/2022-10-13T22:00:01Z pbs-vm backup	108447925038 221
backup:backup/vm/221/2022-10-14T22:00:01Z pbs-vm backup	108447925036 221
backup:backup/vm/221/2022-10-16T22:00:11Z pbs-vm backup	108447925041 221
backup:backup/vm/221/2022-10-17T22:00:04Z pbs-vm backup	108447925039 221
backup:backup/vm/221/2022-10-18T22:00:03Z pbs-vm backup	108447925036 221
backup:backup/vm/221/2022-10-19T22:00:05Z pbs-vm backup	108447925038 221
backup:backup/vm/221/2022-10-21T22:00:02Z pbs-vm backup	108447925039 221
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backup:backup/vm/221/2022-10-25T22:00:01Z pbs-vm backup	108447925035 221

backup:backup/vm/221/2022-10-26T22:00:03Z pbs-vm backup	108447925038 221
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backup:backup/vm/221/2022-11-01T23:00:06Z pbs-vm backup	108447925037 221
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backup:backup/vm/221/2022-11-04T23:00:03Z pbs-vm backup	108447925036 221
backup:backup/vm/221/2022-11-06T23:00:05Z pbs-vm backup	108447925036 221
backup:backup/vm/221/2022-11-08T23:00:01Z pbs-vm backup	108447925040 221
backup:backup/vm/221/2022-11-09T23:00:01Z pbs-vm backup	108447925040 221
backup:backup/vm/221/2022-11-10T23:00:01Z pbs-vm backup	108447925037 221
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backup:backup/vm/221/2022-11-19T23:00:02Z pbs-vm backup	108447925039 221
backup:backup/vm/221/2022-11-20T23:00:05Z pbs-vm backup	108447925027 221
backup:backup/vm/221/2022-11-22T23:00:02Z pbs-vm backup	108447925038 221
backup:backup/vm/221/2022-11-23T23:00:00Z pbs-vm backup	108447925036 221
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```

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backup:backup/vm/221/2023-01-21T23:00:03Z pbs-vm backup 108447925033 221
backup:backup/vm/221/2023-01-22T23:00:04Z pbs-vm backup 108447925039 221
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backup:backup/vm/221/2023-02-06T23:00:01Z pbs-vm backup 108447925040 221
backup:backup/vm/221/2023-02-08T23:00:01Z pbs-vm backup 108447925038 221
backup:backup/vm/221/2023-02-09T23:00:03Z pbs-vm backup 108447925039 221
backup:backup/vm/221/2023-02-11T12:51:38Z pbs-vm backup 108447924970 221

```

Nun suchen wir das Backup raus was wir haben wollen. Ich möchte das aktuellste Backup also das letzte haben.

Die letzte zeile. Aber es kann auch sein das ein älteres Backup gewünscht ist einfach die Zeile des gewünschten backups nehmen. Dort brauchen wir dann für den nächsten Befehl aus der gewünschten zeile die Valid

Meine gewünschte Zeile ist hier die letzte

```

backup:backup/vm/221/2023-02-11T12:51:38Z pbs-vm backup 108447924970 221

```

Nun nur noch zurück sichern, wenn das Backup von einem PBS kommt kann man auch noch live restore wählen, bedeutet die maschine ist schon nutzbar während des restore

```

qmrestore <volumeid> <neue_vmid_in_die_zurück_gesichert_werden_soll> --storage
<store_in_den_das_image_zurückgesichert_soll>

```

Beispiel Volumeid, meinspeicherpool rbd, neue vmid bei mir

```
qmrestore backup:backup/vm/221/2023-02-11T12:51:38Z 147 --storage rbd
```

Optional mit live restore

```
qmrestore backup:backup/vm/221/2023-02-11T12:51:38Z 147 --storage rbd --live-restore true
```

Ausgabe:

```
restore-drive-scsi0: transferred 0.0 B of 32.0 GiB (0.00%) in 0s
restore-drive-scsi0: transferred 188.0 MiB of 32.0 GiB (0.57%) in 1s
restore-drive-scsi0: transferred 372.0 MiB of 32.0 GiB (1.14%) in 2s
restore-drive-scsi0: transferred 572.0 MiB of 32.0 GiB (1.75%) in 3s
restore-drive-scsi0: transferred 752.0 MiB of 32.0 GiB (2.29%) in 4s
restore-drive-scsi0: transferred 824.0 MiB of 32.0 GiB (2.51%) in 5s
restore-drive-scsi0: transferred 1000.0 MiB of 32.0 GiB (3.05%) in 6s
restore-drive-scsi0: transferred 1.1 GiB of 32.0 GiB (3.58%) in 7s
restore-drive-scsi0: transferred 1.3 GiB of 32.0 GiB (4.14%) in 8s
restore-drive-scsi0: transferred 1.5 GiB of 32.0 GiB (4.61%) in 9s
restore-drive-scsi0: transferred 1.6 GiB of 32.0 GiB (5.14%) in 10s
restore-drive-scsi0: transferred 1.8 GiB of 32.0 GiB (5.65%) in 11s
restore-drive-scsi0: transferred 2.0 GiB of 32.0 GiB (6.20%) in 12s
restore-drive-scsi0: transferred 2.1 GiB of 32.0 GiB (6.71%) in 13s
restore-drive-scsi0: transferred 2.4 GiB of 32.0 GiB (7.46%) in 14s
restore-drive-scsi0: transferred 2.6 GiB of 32.0 GiB (8.25%) in 15s
restore-drive-scsi0: transferred 2.7 GiB of 32.0 GiB (8.41%) in 16s
restore-drive-scsi0: transferred 2.9 GiB of 32.0 GiB (8.97%) in 17s
restore-drive-scsi0: transferred 3.1 GiB of 32.0 GiB (9.58%) in 18s
restore-drive-scsi0: transferred 3.2 GiB of 32.0 GiB (10.16%) in 19s
restore-drive-scsi0: transferred 3.3 GiB of 32.0 GiB (10.38%) in 20s
restore-drive-scsi0: transferred 3.4 GiB of 32.0 GiB (10.50%) in 21s
...
restore-drive-scsi0: transferred 31.3 GiB of 32.0 GiB (97.89%) in 4m 3s
restore-drive-scsi0: transferred 31.5 GiB of 32.0 GiB (98.58%) in 4m 4s
restore-drive-scsi0: transferred 31.7 GiB of 32.0 GiB (99.17%) in 4m 5s
restore-drive-scsi0: transferred 31.9 GiB of 32.0 GiB (99.72%) in 4m 6s
restore-drive-scsi0: stream-job finished
restore-drive jobs finished successfully, removing all tracking block devices to disconnect from Proxmox Backup Server
```

Version #1

Erstellt: 11 Februar 2023 12:14:38 von Admin

Zuletzt aktualisiert: 11 Februar 2023 13:04:09 von Admin