

Hey tomp,

I have also this problem and I hope we could get help here.  
I append my snapshot script and my point of view here.

I take this script to do my snapshots:

```
#!/bin/bash
```

```
array_der_virtuellen_maschinen=$( /usr/sbin/vzlist -a1H )
for virtuelle_maschine in $array_der_virtuellen_maschinen;
do
```

```
BACKUPPATH=/raid/.backup_vz/$virtuelle_maschine/$virtuelle_maschine-$( date
+%F_%H_%M )
```

```
#create BACKUP-PATH
/bin/mkdir -p $BACKUPPATH
```

```
# Known snapshot ID
ID=$(uuidgen)
VE_PRIVATE=$( /usr/sbin/vzlist -H -o private $virtuelle_maschine )
```

```
# Take a snapshot without suspending a CT and saving its config
/usr/sbin/vzctl snapshot $virtuelle_maschine --id $ID
```

```
# Perform a backup using your favorite backup tool
# (cp is just an example)
/usr/bin/rsync -av $VE_PRIVATE/root.hdd/* $BACKUPPATH/
```

```
# Delete (merge) the snapshot
/usr/sbin/vzctl snapshot-delete $virtuelle_maschine --id $ID
```

```
# remove old backups
/bin/rm -rf $( find /raid/.backup_vz/$virtuelle_maschine/* -type d -name "$virtuelle_maschine*"
-exec ls -d1rt "{}" + | head -n-4 )
```

```
done
```

```
chmod 600 /raid/.backup_vz
```

```
echo "BACKUP FINISHED."
```

But I do not understand why I first create a snapshot then copy it to my backup path and after that I delete the snapshot.

Every time I backup my CT's I have to copy the complete root.hdd directory, but my CT Ploop devices are huge and it takes a lot of time to copy it.  
Is there a opportunity to copy just the created snapshot files?

I hope anyone could help me. Thank you.

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