
Subject: Re: Container backup (no official info)
Posted by [nebbian](#) on Wed, 16 Nov 2016 08:53:51 GMT
[View Forum Message](#) <> [Reply to Message](#)

I've come across this issue today. Here's how I did it (based on how it was done in previous versions of OpenVZ).

1) Create /usr/local/bin/vzbackup:

```
#!/bin/bash
if [ -z $1 -o -z $2 ]
then
    echo "Usage: vzbackup CTID BACKUP-PATH"
    exit 1
fi

CTID=$1
FOLDER=$2
BACKUPPATH=$FOLDER/$CTID-$(date +%F_%H_%M)

#create BACKUP-PATH
mkdir -p $BACKUPPATH

# Known snapshot ID
ID=$(uuidgen)
VE_PRIVATE=$(vzlist -H -o private $CTID)

# Take a snapshot without suspending a CT and saving its config
vzctl snapshot $CTID --id $ID

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

# Delete (merge) the snapshot
vzctl snapshot-delete $CTID --id $ID

# remove old backups
rm -rf $( find $FOLDER -type d -name "$CTID*" -exec ls -d1rt "{}" + | head -n-4 )

echo "BACKUP FINISHED."
```

2) Run this periodically, passing in the container ID and the backup location, eg:
/usr/local/bin/vzbackup MyCT /backup/opensvz/current/

Restoring from this backup

1) Create a new container, eg:

```
prlctl create Test --vmtype ct --ostemplate centos-7-x86_64
```

2) Determine the UUID of your new container, eg:

```
prlctl list -a
```

3) Copy all files in your latest backup directory to /vz/private/{UUID}/root.hdd/, overwriting all the existing hard disk files in there

4) Start the new container, eg:

```
prlctl start Test
```

This appears to be working for me. I'm sure that this isn't the best way to do things, but in my case, at least it's A way to back up my containers. I tried using snapshots, but I don't think that these restore the file system (which seems a bit odd to me).

Maybe it will work for someone. Or maybe I'm deluding myself into thinking that this is a valid backup technique.
