

This page is continuation from [WebGUI upgrade](#) from 7.4.39 to 7.

te=0x05c00b8 [0,0]

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Create snapshot of production

Where is WebGUI ?

```
root@mjesec:~# vzlist 212005
      CTID      NPROC STATUS  IP_ADDR      HOSTNAME
212005          43 running 193.198.212.5 webgui.rot13.org
```

```
root@mjesec:~# vzquota stat 212005
resource      usage      softlimit    hardlimit    grace
1k-blocks     11474572  20971520     22020096
inodes        140595    286527       315180
```

Create LVM snapshot

```
root@mjesec:~# lvcreate -s -n vz-snap -L 30g /dev/vg/vz
Logical volume "vz-snap" created
```

```
root@mjesec:~# mkdir /mnt/vz-snap
```

```
root@mjesec:~# mount /dev/vg/vz-snap /mnt/vz-snap -o ro
```

rsync config

```
[vz-snap]
comment = /vz read-only snapshot for backup
path = /mnt/vz-snap
use chroot = yes
lock file = /var/lock/rsyncd
read only = yes
list = yes
uid = root
gid = root
strict modes = yes
hosts allow = 10.60.0.201
ignore errors = no
ignore nonreadable = no
```

```
transfer logging = no
timeout = 600
refuse options = checksum dry-run
dont compress = *.gz *.tgz *.zip *.z *.rpm *.deb *.iso *.bz2 *.tbz
```

On development machine

Create webgui-upgrade filesystem for upgrade

```
root@stage:~# mkdir /mnt/webgui-upgrade

root@stage:~# lvcreate -n webgui-upgrade -L 50G /dev/stage
  Logical volume "webgui-upgrade" created

root@stage:~# mkfs.btrfs /dev/stage/webgui-upgrade

WARNING! - Btrfs Btrfs v0.19 IS EXPERIMENTAL
WARNING! - see http://btrfs.wiki.kernel.org before using

fs created label (null) on /dev/stage/webgui-upgrade
  nodesize 4096 leafsize 4096 sectorsize 4096 size 50.00GB

root@stage:~# mount /dev/stage/webgui-upgrade /mnt/webgui-upgrade/

root@stage:~# time rsync -ravH --numeric-ids --sparse 10.60.0.9::vz-snap/private/212005 /mnt/webgui-upgrade/
```

This takes some time...

```
sent 1931305 bytes  received 11245927032 bytes  11413351.94 bytes/sec
total size is 11238867558  speedup is 1.00
```

```
real    16m25.334s
user    0m48.835s
sys     2m11.820s
```

```
root@stage:~# mkdir /mnt/webgui-upgrade/.snap

root@stage:~# btrfsctl -s /mnt/webgui-upgrade/2010-08-05-from-mjesecc /mnt/webgui-upgrade/
operation complete
Btrfs Btrfs v0.19
```

Create LXC configuration

<https://10.60.0.92:6999/?p=.git;a=history:f=webgui-upgrade>

On machine used for testing

```
dpavlin@t61p:~$ cat /etc/hosts

# webgui-upgrade
10.60.0.246 psihologija.ffzg.hr
```