

# Unprivileged CT

During restore from PBS following error occurs:

```
Error: error extracting archive - error at entry "random": failed to create
device node: Operation not permitted (os error 1)
TASK ERROR: unable to restore CT 803 - command 'lxc-usernsexec -m
u:0:100000:65536 -m g:0:100000:65536 -- /usr/bin/proxmox-backup-client
restore '--crypt-mode=none' ct/803/2023-07-29T19:00:01Z root.pxar
/var/lib/lxc/803/rootfs --allow-existing-dirs --repository
backup@pbs@192.168.x.x:backup --ns company/pool' failed: exit code 255
```

## Reason of error:

Unprivileged container cannot create device node.

## Not working workaround:

Use restore command with ignore-unpack-errors argument:

```
pct restore 803 pbs-grunners:backup/ct/803/2023-07-29T19:00:01Z -storage
nvm-grunners --unprivileged 1 --ignore-unpack-errors 1
```

According to:

- [Add ignore-unpack-errors parameter to proxmox-backup-client restore](#)
- [Pct restore lxc container with PBS](#)

it is not possible to restore unpriv CT from PBS. It needs to use another storage type for backups.

## Working workaround

- Restore as privileged from PBS
- Backup to local storage
- Restore from local storage as unprivileged and ignore-unpack-errors:

```
pct restore 803 /hddpool/vz/dump/vzdump-lxc-803-2023_08_01-09_44_49.tar.zst
--storage nvm-dir --unprivileged 1 --ignore-unpack-errors 1
```

From:

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