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Subject: NFS Server inside a container

Posted by [seanfulton](#) on Fri, 11 May 2012 22:55:37 GMT

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Has anyone gotten nfsd to run inside an OpenVZ container. I keep seeing posts from people saying Kernel-based NFSD does not work, use a user-space server, but in the wiki, on the page about How to run an NFS server inside OpenVZ it says:

Kernel NFS server

Kernel-space NFS server is supported by latest RHEL5 and RHEL6 based kernels and since vzctl-3.0.24.

In order to run an NFS server inside a container, make sure:

- nfsd kernel module is loaded on host system before starting a container
- nfsd feature for a container is turned on (vzctl set \$CTID --feature nfsd:on --save)

[edit]

So I followed the instructions, and upon starting nfs inside the container I get:

FATAL: Module nfsd not found.

FATAL: Error running install command for nfsd

Starting NFS services:	[ OK ]
Starting NFS quotas:	[ OK ]
Starting NFS daemon:	[ OK ]
Starting NFS mountd:	[ OK ]

nfs, nfsd and lockd are all loaded on the HN.

cat /proc/filesystems within the VE shows:

```
nodev cgroup
nodev devpts
ext4
nodev nfs
nodev nfs4
nodev delayfs
nodev devtmpfs
nodev sysfs
nodev proc
nodev tmpfs
nodev binfmt_misc
nodev fusectl
nodev fuse
nodev rpc_pipefs
nodev nfsd
```

Any ideas? Anyone got this running?

sean