

HA in Proxmox LXC

NOT WORKING!

Prepare CT

Create CT

- Hostname: hassio
- Template: debian-10-standard..
- Root Disk:
 - Storage: local-zfs
 - Disk size (GiB): 2
 - Mount options: noatime
- CPU: 1
- Memory:
 - Memory (MiB): 512
 - Swap (MiB): 512

Options

- Unprivileged container: Yes
- Features: Nesting, keyctl (needed to run Docker in unprivileged container)

Resources

Docker cannot use features of ZFS filesystem and it fallback to very inefficient vfs storage driver. To workaround, Docker needs well supported filesystem.

- Add
 - Mountpoint
 - Storage: local (DIR type storage, to emulate any block device in file)
 - Disk size (GiB): 2
 - Path: /var/lib/docker
 - Mount options: noatime

Host shell

Modify CT config:

```
lxc.cgroup.devices.allow: a
```

```
lxc.cap.drop:
```

Install HA

```
apt-get update && apt-get dist-upgrade  
reboot
```

```
apt-get install curl network-manager apparmor jq  
curl -sSL https://get.docker.com | bash
```

```
# Downgrade docker
```

```
apt-get install docker-ce=5:18.09.9~3-0~debian-buster  
apt-get install docker-ce-cli=5:18.09.9~3-0~debian-buster  
echo "docker-ce hold" | dpkg --set-selections  
echo "docker-ce-cli hold" | dpkg --set-selections
```

```
curl -sL https://raw.githubusercontent.com/home-assistant/supervised-  
installer/master/installer.sh | bash -s -- -m gemux86-64
```

issue

container init caused "write sysctl key kernel.domainname: open /proc/sys/kernel/domainname: permission denied": unknown")

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From:

<https://niziak.spox.org/wiki/> - niziak.spox.org

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Last update: 2020/12/03 13:42

