

LXC / LXD

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lxd init

# list storage
lxc storage list

# add storage
# lxc profile device add default root disk path=/ pool=<pool-name>

# list containers
lxc list

# list all images
lxc image alias list ubuntu:
lxc image alias list ubuntu: '22.04'

# create container
lxc launch ubuntu:22.04 MyContainer

# get container info
lxc info MyContainer

# open container shell
lxc exec MyContainer bash

# run command in container
lxc exec MyContainer hostname

# stop container
lxc stop MyContainer

# start container
lxc start MyContainer

# restart container
lxc restart MyContainer

# rename container
lxc move MyContainer NewContainerName

# clone container
lxc copy MyContainer MyContainerClone

# push file
lxc file push /path/file MyContainer/path/file

# pull file
lxc file pull MyContainer/path/file /path/file
```

```
# edit file
lxc file edit MyContainer/path/file

# take snapshot
lxc snapshot MyContainer

# restore snapshot
lxc restore MyContainer snap0

# delete snapshot
lxc delete MyContainer/snap0

# create container from snapshot
lxc copy MyContainer/snap0 NewContainer

# rename snapshot
mxc move MyContainer/snap0 MyContainer/NewSnapName0

# allow access from lan
lxc config device add MyContainer eth0 nic nictype=bridged parent=br0
name=eth0
# first eth0 = container nic name
# br0 = bridge adapter
lxc config device remove MyContainer eth0
```

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