



Container information

Templates – Templates are the equivalent of operating systems you can run as a Linux container.

Available templates – These are the operating systems that come with the lxc client.

Container – A minimal operating system that shares its kernel and other parts with the host operating system.

Common Available Templates

Distribution	Release	Architecture
alpine	3.4 thru 3.7	amd64, armhf, i386
archlinux	current	amd64
centos	6 thru 7	amd64, i386
debian	buster, jessie, std, stretch, wheezy	amd64, armhf, i386
fedora	26 thru 27	amd64, i386
gentoo	current	amd64, i386
opensuse	42.3	amd64
oracle	6 thru 7	amd64, i386
plamo	5.x thru 6.x	amd64, i386
sabayon	current	amd64
ubuntu	artful, bionic, trusty, xenial	amd64, i386, arm64, armhf

Creation/destruction commands

Get a list of available templates
lxc-create -t download -n <container>

Specify the Distribution, Release, and Architecture and the image will be downloaded and the container created

Get a list of downloaded templates
/usr/share/lxc/templates

Create a container
lxc-create -n <container> -t <template>

Container storage
/var/lib/lxc/<container>

Container configuration
/var/lib/lxc/<container>/config

Container root filesystem
/var/lib/lxc/<container>/rootfs

Clone a container
lxc-clone <source> <clone>

Delete a container
lxc-destroy -n <container>

Start/stop container commands

Start a container and attach to it
lxc-start -n <container>

Start a container in the background
lxc-start -n <container> -d

Stop a container
lxc-stop -n <container>

Console commands

Attach to container console
lxc-console <container>

Connect to container (login prompt)
lxc-connect -n <container>

Attach to the container console
lxc-attach -n <container>

Run a command in container
lxc-attach -n <container> -- "<command>"
lxc-execute -n <container> -- "<command>"

Misc commands

Check container configuration
lxc-checkconfig

List containers
lxc-ls [--fancy]

Display containers performance
lxc-top

Monitor the containers
lxc-monitor [-n <container>]

List information about the container
lxc-info -n <container>

List a container's processes
lxc-ps [-n <container>]

Run netstat on a container
lxc-netstat [-n <container>]

Freeze a container
lxc-freeze -n <container>

Unfreeze a container
lxc-unfreeze -n <container>

Log files
/var/log/lxc