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Suse Containers

Warning

You will need to register Suse to correctly use LXC or Docker.

Suse 11

LXC

```
zypper install lxc yast2-lxc bridge-utils
```

To create a container you can use Yast2:

```
yast2 lxc
```

To start container:

```
lxc-start --name containername
```

Suse stores the config files on: `/etc/lxc/` and rootfs on: `/var/lib/lxc/`

Mount CDROM

Verify configuration of `/dev/sr0`:

```
# ls -al /dev/cdrom
lrwxrwxrwx 1 root root 3 Mar 29 12:32 /dev/cdrom -> sr0
# ls -al /dev/sr0
brw-rw---- 1 root cdrom 11, 0 Mar 29 12:32 /dev/sr0
```

Configure `/etc/lxc/containername/config` to add this lines:

```
# cdrom
lxc.cgroup.devices.allow = b 11:* rwm
```

Run the container and create the node:

```
mknod -m 666 /dev/cdrom b 11 0
```

LXC

```
zypper install libvirt-daemon-lxc libvirt-daemon-config-network
```

Docker

With subscription

```
zypper install sle2docker
zypper install docker-distribution-registry
systemctl enable registry
systemctl start registry
```

Grab binaries:

- https://download.opensuse.org/distribution/leap/42.2/repo/oss/suse/x86_64/runc-0.1.1+gitcc29e3d-3.1.x86_64.rpm.mirrorlist
- <https://software.opensuse.org/package/docker>
- <https://software.opensuse.org/package/containerd>

Install it:

```
zypper in git-core
rpm -i runc-0.1.1+gitcc29e3d-3.1.x86_64.rpm docker-1.12.1-146.1.x86_64.rpm
containerd-0.2.3-3.1.x86_64.rpm
systemctl enable docker
systemctl start docker
```

References

- https://www.suse.com/documentation/sles11/singlehtml/lxc_quickstart/lxc_quickstart.html
- <https://newspaint.wordpress.com/2015/03/29/how-can-i-access-a-block-device-such-as-cdrom-in-lxc/>

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