

**Guia: Como instalar y configurar un cluster con linux lxd
en máquinas ubuntu 20.04.**

- **Paso 1 Actualizar la máquina**
apt-get install update
- **Paso 2 Instalar LXD**
sudo snap install lxd
- **Paso 3 Configurar cluster LXD**
sudo lxd init

Paso 4 Configuración del cluster

- **Node Manager**

- 1- Would you like to use lxd clustering?=**yes**
- 2- What name should be used to identify this node in the cluster?= **default**
- 3- What ip address or DNS name should be used to reach this node?=**192.168.100.5**
- 4- Are you joining an existing cluster= **default**
- 5- Setup password authentication on the cluster?=**Yes**
- 6- Trust password for new clients= **admin**
- 7- Again **admin**
- 8- Do you want to configure a new local storage pool? = **default**
- 9- Name of the storage backend to use (btrfs, dir, lvm, zfs) = **dir**
- 10- Do you want to configure a new remote storage pool? = **default**
- 11- Would you like to connect to a MAAS server? = **default**
- 12- Would you like to configure LXD to use an existing bridge or host interface? = **default**
- 13- Would you like to create a new Fan overlay network?= **default**
- 14- Would subnet should be used as the Fan underlay?= **default**
- 15- Would you like stale cached images to be updated automatically? = **default**
- 16- Would you like a YAML "lxd init" preseed to be printed?= **default**

- **Nodos**

- 1- Would you like to use LXD clustering? **yes**
- 2- What name should be used to identify this node in the cluster? **default**
- 3- What IP address or DNS name should be used to reach this node? **192.168.100.6 - 7**
- 4- Are you joining an existing cluster? (yes/no) **yes**
- 5- IP address or FQDN of an existing cluster node: **192.168.100.2**
- 6- Cluster fingerprint:
7041ee3446493744092424409a54767b4c8458e4c0f4d4d3742347f4f74dc4ba
You can validate this fingerprint by running "lxc info" locally on an existing node.
- 7- Is this the correct fingerprint? (yes/no): **yes**
- 8- Cluster trust password: **admin**
- 9- All existing data is lost when joining a cluster, continue? (yes/no) **yes**

- 10- Choose the local disk or dataset for storage pool "local" (empty for loop disk): **dir**
11- Would you like a YAML "lxd init" preseed to be printed? (yes/no):**default**

Paso 5 Validar el cluster

lxc list

```
vagrant@balancer:~$ lxc cluster list
```

NAME	URL	DATABASE	STATE	MESSAGE
balancer	https://192.168.100.5:8443	YES	ONLINE	fully operational
node1	https://192.168.100.6:8443	YES	ONLINE	fully operational
node2	https://192.168.100.7:8443	YES	ONLINE	fully operational