

# LXC container for lightweight remote access

I am running a lxc container for my access to the makerspace. here are the steps I took to stand up the lxc container. You can use this as a guide for standing up your own personal LXC container. you dont have to do tailscale on there but this has some info on securing the container.

1. login as root/PAM auth on the proxmox cluster
2. get to the shell on a particular system
3. run a proxmox convience script to standup a very basic ubuntu lxc container
4. once the container is stood up and running get into the root console and do the following

1. change password for root ``passwd`` to something secure and your own
2. modify system to prevent auto-login using the command below and remove the ``--auto-login root`` portion of the line that is there.

```
nano /etc/systemd/system/container-getty@1.service.d/override.conf
```

3. reboot the container
4. login to your root user
5. run ``wget https://github.com/YOUR-GITHUB-USERNAME.keys`` to pull down your ssh keys
6. modify your `/etc/ssh/sshd_config` file to allow for root login via ssh
7. verify you can ssh to the system
8. modify system hostname using proxmox gui under container > DNS > hostname
9. reboot to apply hostname
10. once all that works install tailscale the normal way you do that on linux servers.
11. setup subnet routing

2. **\*\*TURN OFF SUBNET ROUTING ONCE IT WORKS\*\*** we should be using the wireguard VPN for access. this is a backup in the case the wireguard is acting up

5. once the system is configured, your backdoor now should work just fine. I recomend not going crazy with this system.

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