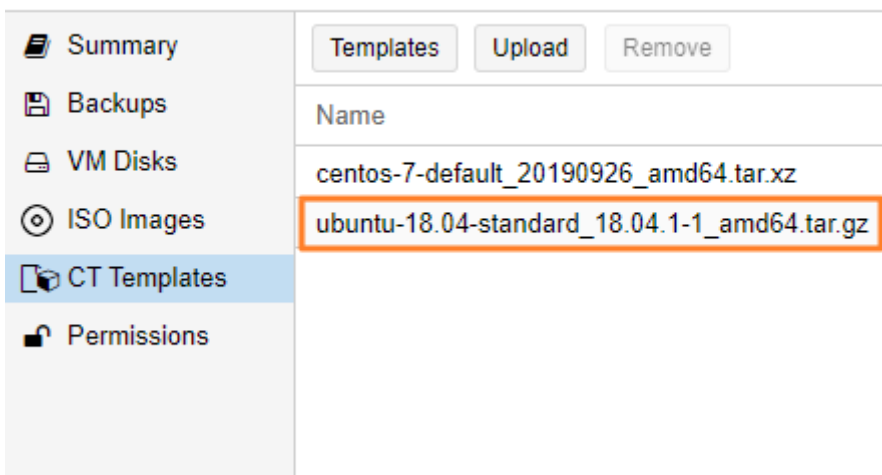


Installation guide for Ubuntu 18.04 in PVE LXC (Community edition)

- Please download "ubuntu-18.04-standard_18.04.1-1_amd64.tar.gz" LXC template in PVE

Storage 'local' on node 'pve1'



The screenshot shows the PVE web interface for storage 'local' on node 'pve1'. On the left is a sidebar with navigation links: Summary, Backups, VM Disks, ISO Images, CT Templates (highlighted), and Permissions. The main area has tabs for Templates, Upload, and Remove. Below the tabs is a table with a 'Name' header. It contains two entries: 'centos-7-default_20190926_amd64.tar.xz' and 'ubuntu-18.04-standard_18.04.1-1_amd64.tar.gz', which is highlighted with an orange border.

Name
centos-7-default_20190926_amd64.tar.xz
ubuntu-18.04-standard_18.04.1-1_amd64.tar.gz

- Create a new CT using "Create CT" button (please uncheck "Unprivileged container" for now, or you may encounter some weird issues)

Create: LXC Container



General

Template

Root Disk

CPU

Memory

Network

DNS

Confirm

Node: pve1

CT ID: 105

Hostname: oxool-lxc-test

Unprivileged
container: ☐

Resource Pool:

Password:

Confirm
password:

SSH public key:

Load SSH Key File

Help

Advanced ☒

Back

Next

Create: LXC Container



General

Template

Root Disk

CPU

Memory

Network

DNS

Confirm

Key ↑	Value
cores	2
hostname	oxool-lxc-test
memory	2048
nameserver	8.8.8.8
net0	bridge=vbr0,name=eth0,ip=192.168.3.211/32,gw=192.168.3.1,firewall=1
nodename	pve1
ostemplate	local:vztmpl/ubuntu-18.04-standard_18.04.1-1_amd64.tar.gz
pool	
rootfs	OSSIIPVE1:8
searchdomain	8.8.8.8
swap	2048
vmid	105

☐ Start after createdAdvanced ☒

Back

Finish

Task viewer: CT 105 - Create



Output

Status

Stop

```
extracting archive '/var/lib/vz/template/cache/ubuntu-18.04-standard_18.04.1-1_amd64.tar.gz'
Total bytes read: 637347840 (608MiB, 69MiB/s)
Detected container architecture: amd64
Creating SSH host key 'ssh_host_dsa_key' - this may take some time ...
done: SHA256:9R+AjXnAq4woELL4sOZiMswxhc1S5l8v54uzrpK2ZmY root@oxool-lxc-test
Creating SSH host key 'ssh_host_ecdsa_key' - this may take some time ...
done: SHA256:1XTgKjIGFBD+N11KxoxvNopuKomircaEp3cAHN/rv7k root@oxool-lxc-test
Creating SSH host key 'ssh_host_rsa_key' - this may take some time ...
done: SHA256:Ho61JnS6zS6jScHprktFOzBNrb/HbC1ei/d7S8VF74o root@oxool-lxc-test
Creating SSH host key 'ssh_host_ed25519_key' - this may take some time ...
done: SHA256:jjpfJtG5l+De4sApaMirIkQnVlQaOrhbZdjN9A5MpOY root@oxool-lxc-test
TASK OK
```

- Reboot and run the following commands to install needed programs and OxOOL Community edition

```
apt update
apt upgrade -y
apt install vim openssh-server net-tools curl gnupg2 -y
# Choose yes if you get any service restarting prompts

curl http://www.oxoffice.com.tw/apt/ubuntu/oxool-deb.key | apt-key add
echo "deb [arch=amd64] http://www.oxoffice.com.tw/apt/ubuntu/ oxool-v3 main" > ~/oxool.list
mv ~/oxool.list /etc/apt/sources.list.d/
apt update
apt install oxool oxoffice* -y
```

- Start OxOOL Community edition service when booting

```
systemctl enable oxool
reboot
```

- Reboot and check if OxOOL Community edition starts normally

```
netstat -tlnp
```

You should get some results like this:

```
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address      Foreign Address    State       PID/Program name
tcp      0      0 127.0.0.1:9981     0.0.0.0:*          LISTEN      22383/oxool
tcp6     0      0 :::9980            :::*               LISTEN      22383/oxool
```

Congratulations and enjoy!

P. S. When steps above are finished, you can use "More"→"Convert to template" to generate new LXC template that contains OxOOL Community edition.

Revision #5

Created 29 January 2021 06:50:01 by Jeff Huang

Updated 20 January 2025 02:58:22 by Jeff Huang