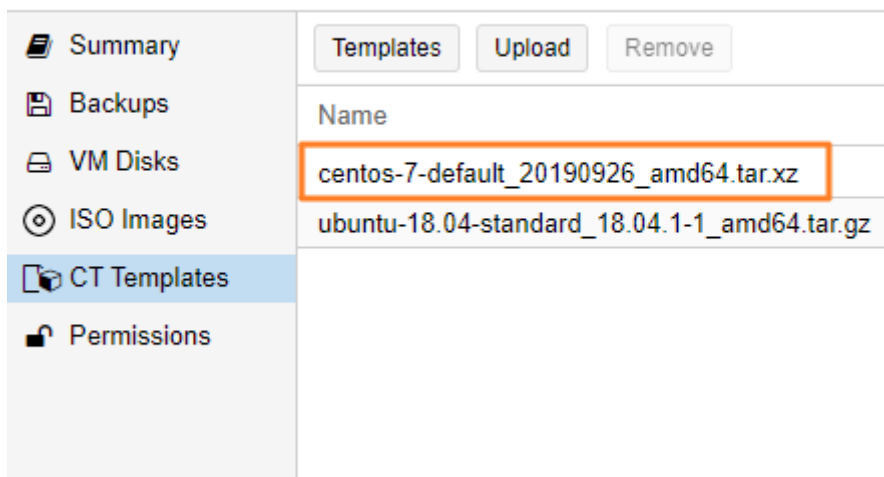


# Installation guide for CentOS 7 in PVE LXC (Community edition)

- Please download "centos-7-default\_20190926\_amd64.tar.xz" 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 the header 'Name' and two rows of templates. The first row, 'centos-7-default\_20190926\_amd64.tar.xz', is highlighted with an orange border. The second row is 'ubuntu-18.04-standard\_18.04.1-1\_amd64.tar.gz'.

| 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=vmbbr0,name=eth0,ip=192.168.3.211/32,gw=192.168.3.1,firewall=1 |
| nodename     | pve1  |
| ostemplate   | local:vztmpl/centos-7-default_20190926_amd64.tar.xz                   |
| 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/centos-7-default_20190926_amd64.tar.xz'
Total bytes read: 422809600 (404MiB, 54MiB/s)
Detected container architecture: amd64
Creating SSH host key 'ssh_host_ecdsa_key' - this may take some time ...
done: SHA256:8AOqXV4I8q4mspvM5Uh6qpXpAm14LHDFmVK/UovWWO4 root@oxool-lxc-test
Creating SSH host key 'ssh_host_rsa_key' - this may take some time ...
done: SHA256:yVYMj+X8gjZl2vLBR0WfjB/9/9VHfG93JXlSoEg/sA root@oxool-lxc-test
Creating SSH host key 'ssh_host_dsa_key' - this may take some time ...
done: SHA256:Bq91a0h3VeAt3Vo2iilk6d2H4uSPWK8vR/mdSHSVgDo root@oxool-lxc-test
Creating SSH host key 'ssh_host_ed25519_key' - this may take some time ...
done: SHA256:lwHfYNvt4UMHQi5t3gakf7jDDKjbTyEyBQsM7iWrfg8 root@oxool-lxc-test
TASK OK
```

- Reboot and login as root. Then run the following commands to install needed programs and OxOOL Community edition

```
yum install vim openssh* net-tools unzip wget -y
cd /etc/yum.repos.d
wget --no-check-certificate http://www.oxoffice.com.tw/yum.repo/oxool-community.repo
yum update -y
yum groupinstall "OxOOL Community Group" -y
```

- Start OxOOL Community edition service when booting

```
systemctl enable oxool
reboot
```

- Reboot, login as root, 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      1049/oxool
tcp6       0      0 :::9980                :::*                    LISTEN      1049/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.

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