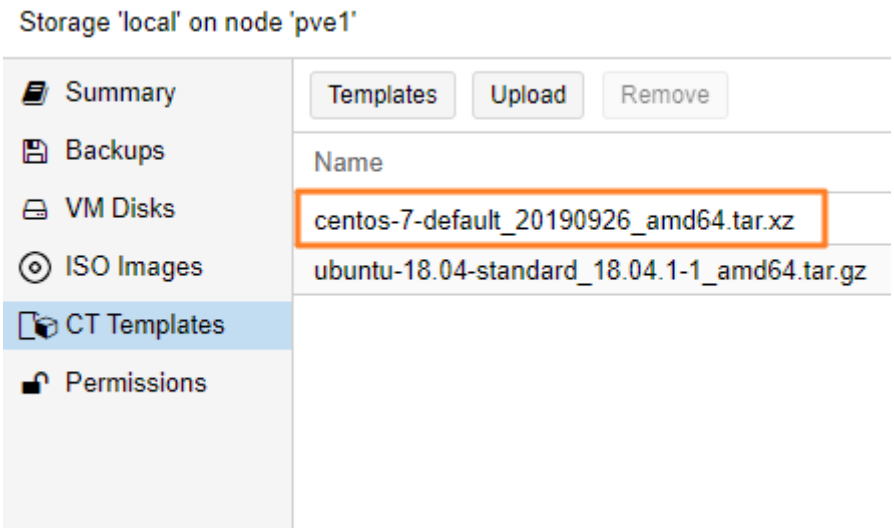
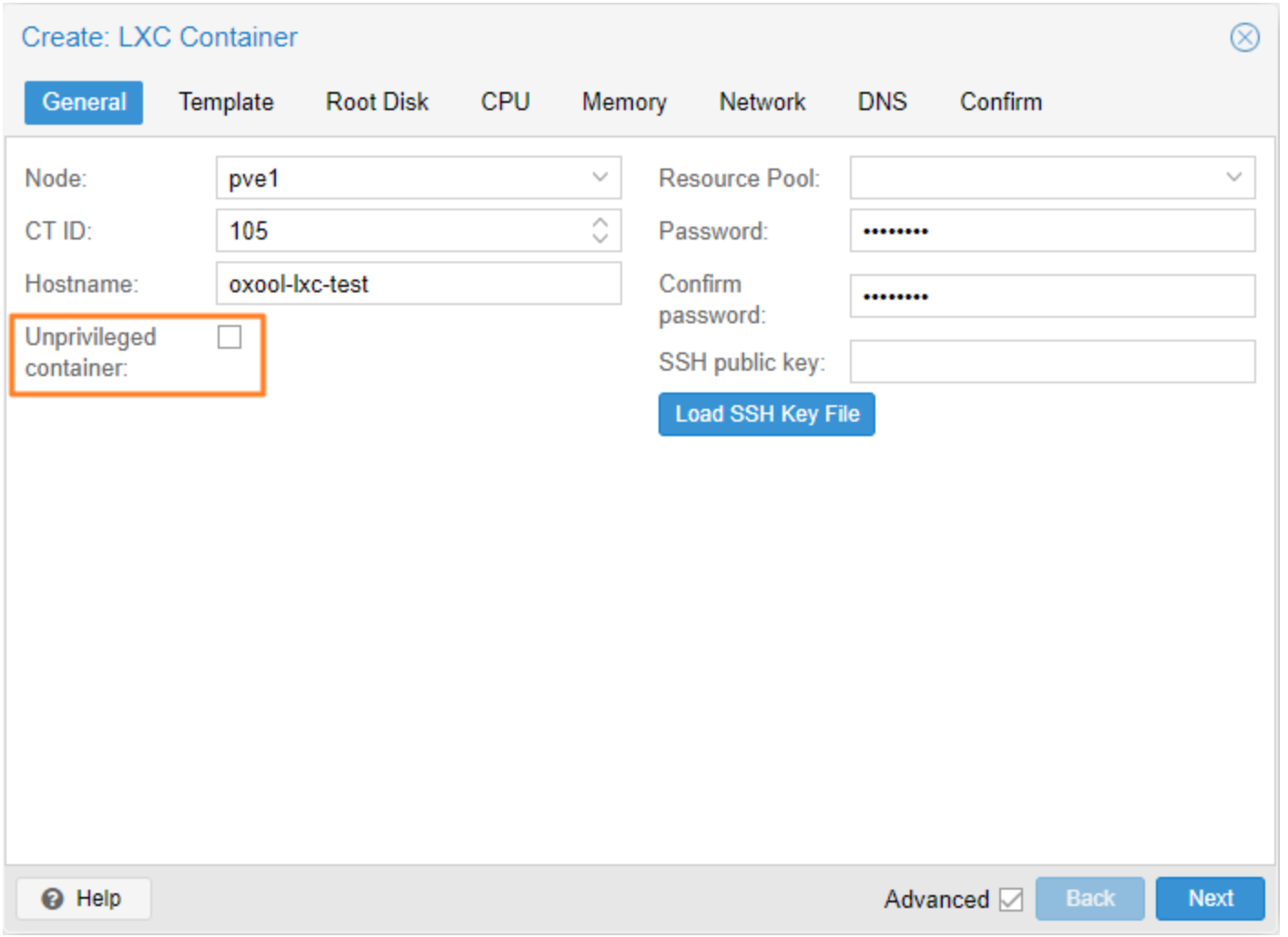
Installation guide for CentOS 7 in PVE LXC (Community edition)

- Please download "centos-7-default_20190926_amd64.tar.xz" LXC template in PVE



- 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=vmbr0,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 created

Advanced ☑ 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+X8gjzZl2vLBR0WfjB/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.

Revision #5
Created 2021-01-29 06:34:43 UTC by Jeff Huang
Updated 2025-01-20 02:58:22 UTC by Jeff Huang