

OxOffice Online



OxOffice Online (OxOOL) 

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|--|--|--|--|--|--|--|

Nextcloud

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|--|--|--|--|--|--|--|--|--|

Nextcloud ☐ ☐ ☐ ☐ ☐ ☐

https://docs.ossii.com.tw/books/nextcloud

- [CentOS 7 \[REDACTED\] \(\[REDACTED\]\)](#)
- [Ubuntu 18.04 \[REDACTED\] \(\[REDACTED\]\)](#)
- [CentOS 7 PVE LXC \[REDACTED\] \(\[REDACTED\]\)](#)
- [Ubuntu 18.04 PVE LXC \[REDACTED\] \(\[REDACTED\]\)](#)
- [CentOS 7 \[REDACTED\] OxOffice Online v4 \[REDACTED\]](#)
- [Rocky Linux 8 \[REDACTED\] OxOffice Online v4 \[REDACTED\]](#)
- [Ubuntu 20.04 \[REDACTED\] OxOffice Online v4 \[REDACTED\]](#)
- [PVE \[REDACTED\] LXC \[REDACTED\] CentOS 7 \[REDACTED\] OxOffice Online v4 \[REDACTED\]](#)
- [PVE \[REDACTED\] LXC \[REDACTED\] Rocky Linux 8 \[REDACTED\] OxOffice Online v4 \[REDACTED\]](#)
- [PVE \[REDACTED\] LXC \[REDACTED\] Ubuntu 20.04 \[REDACTED\] OxOffice Online v4 \[REDACTED\]](#)
- [Rocky Linux 8 \[REDACTED\] OxOffice Online v5 \[REDACTED\]](#)
- [Ubuntu 24.04 \[REDACTED\] OxOffice Online v5 \[REDACTED\]](#)

CentOS 7 安装教程 (虚拟机)

- 本文档介绍 CentOS 7 安装教程 2009 年 Minimal Desktop - CentOS 安装 [1] [2] [3]

安装环境 IP地址

- root 用户 OxOOL Community

```
yum update -y
yum install vim net-tools unzip wget -y
cd /etc/yum.repos.d
wget http://www.oxoffice.com.tw/yum.repo/oxool-community.repo
yum update -y
yum groupinstall "OxOOL Community Group" -y
```

- SELinux

```
vim /etc/selinux/config # vim
# SELinux=enforcing enforcing disabled permissive
```

- firewalld 9980 port

```
firewall-cmd --zone=public --permanent --add-service=http
firewall-cmd --zone=public --permanent --add-port=9980/tcp
```

-

```
systemctl enable oxool
reboot
```

- root OxOOL Community

```
netstat -tlnp
```

□□□□

```
tcp    0    0  127.0.0.1:9981 0.0.0.0:* LISTEN  644/oxool
tcp6   0    0  :::9980        :::*      LISTEN  644/oxool
```

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Nextcloud □□□□□□□□□□

Nextcloud 20 □□□□□□□□□□

□ Ubuntu 18.04 □□□□□ (□□□□)

- [illegible]

□□□□□□ IP□□□□□□□□ [3]

- User OxOOL Community

```
sudo apt update
sudo apt upgrade -y
sudo apt install vim openssh-server net-tools curl -y
# [Progress Bar] yes [ ]
curl http://www.oxoffice.com.tw/apt/ubuntu/oxool-deb.key | sudo apt-key add
echo "deb [arch=amd64] http://www.oxoffice.com.tw/apt/ubuntu/ oxool-v3 main" > ~/oxool.list
sudo mv ~/oxool.list /etc/apt/sources.list.d/
sudo apt update
sudo apt install oxool oxoffice* -y
```

- [illegible]

```
sudo systemctl enable oxool
sudo reboot
```

- Ox00L Community

```
sudo netstat -tlnp
```

| | | | | |
|--|--|--|--|--|
| | | | | |
|--|--|--|--|--|

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 |
| tcp | 0 | 0 | 127.0.0.53:53 | 0.0.0.0:* | LISTEN | 6523/systemd-resolv |

| | | | | | | |
|------|---|---|--------------|-----------|--------|-------------|
| tcp | 0 | 0 | 0.0.0.0:22 | 0.0.0.0:* | LISTEN | 4389/sshd |
| tcp | 0 | 0 | 127.0.0.1:25 | 0.0.0.0:* | LISTEN | 2575/master |
| tcp6 | 0 | 0 | :::9980 | :::* | LISTEN | 22383/oxool |
| tcp6 | 0 | 0 | :::22 | :::* | LISTEN | 4389/sshd |
| tcp6 | 0 | 0 | :::1:25 | :::* | LISTEN | 2575/master |

██████ **ezgo** ██ **Franklin** ███ ~

██████ Nextcloud ██████████ Nextcloud 20 ████_█

CentOS 7 PVE LXC

（ ）

- PVE centos-7-default_20190926_amd64.tar.xz LXC

節點 'pve1' 上的儲存 'local'

概觀

內容

權限

還原 移除 範本 上傳 顯示設定內容

名稱

ISO 映像 (5 Items)

CentOS-7-x86_64-Minimal-1908.iso

CentOS-8.1.1911-x86_64-boot.iso

ubuntu-18.04.1-desktop-amd64.iso

ubuntu-18.04.4-desktop-amd64.iso

ubuntu-18.04.4-live-server-amd64.iso

容器範本 (2 Items)

centos-7-default_20190926_amd64.tar.xz

ubuntu-18.04-standard_18.04.1-1_amd64.tar.gz

- CT

建立: LXC 容器



一般

範本

啟始磁碟

CPU

記憶體

網路

DNS

確認

節點: pve1

CT ID: 105

主機名稱: oxool-lxc-test

無特權容器: ☐

資源集區:

密碼:

確認密碼:

SSH 公開金鑰:

載入 SSH 金鑰檔案

? 說明

進階 ☒

返回

繼續

建立: LXC 容器



一般

範本

啟始磁碟

CPU

記憶體

網路

DNS

確認

| 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/centos-7-default_20190926_amd64.tar.xz |
| pool | |
| rootfs | OSSIIPVE1:8 |
| searchdomain | 8.8.8.8 |
| swap | 2048 |
| vmid | 105 |

☐ 建立完成後開機進階 ☒

返回

完成

Task viewer: CT 105 - 建立



輸出

狀態

停止

```
extracting archive '/var/lib/vz/template/cache/centos-7-default_20190926_amd64.tar.xz'
Total bytes read: 422809600 (404MiB, 55MiB/s)
Detected container architecture: amd64
Creating SSH host key 'ssh_host_ecdsa_key' - this may take some time ...
done: SHA256:v9clm4/kbCbgeoJG1XG0zkt2GEgD4jQjVT7kh0ik0A0 root@oxool-lxc-test
Creating SSH host key 'ssh_host_rsa_key' - this may take some time ...
done: SHA256:DrDj/hQMM9jr8I3Td721i0CRtpHcGt6WkOJ4Hlo5z9s root@oxool-lxc-test
Creating SSH host key 'ssh_host_dsa_key' - this may take some time ...
done: SHA256:JxIzMaRfoPj2eoiYAXaQOSFNdn0eICnCH1L9gV60Ws root@oxool-lxc-test
Creating SSH host key 'ssh_host_ed25519_key' - this may take some time ...
done: SHA256:s6y4Na/X9+m95rUW85OM5QFc8cNnDQthVcQitUEDlBU root@oxool-lxc-test
TASK OK
```


- 安裝 (約 10 分鐘) 的 OxOOL

```
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
```

- 安裝 OxOOL

```
systemctl enable oxool
reboot
```

- 安裝 OxOOL Community 的 netstat

```
netstat -tlnp
```

輸出結果

```
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
```

安裝 OxOOL 後，系統會自動安裝 OxOOL 的 LXC 容器

☐ ☐ ☐ ☐ ☐ (☐ ☐ ☐)

- 節點 'pve1' 上的儲存 'local'

-  CT

建立: LXC 容器



一般

範本

啟始磁碟

CPU

記憶體

網路

DNS

確認

節點: pve1

CT ID: 105

主機名稱: oxool-lxc-test

無特權容器: ☐

資源集區:

密碼:

確認密碼:

SSH 公開金鑰:

載入 SSH 金鑰檔案

? 說明

進階 ☒

返回

繼續

建立: LXC 容器



一般

範本

啟動磁碟

CPU

記憶體

網路

DNS

確認

| 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 |

☐ 建立完成後開機進階 ☒

返回

完成

Task viewer: CT 105 - 建立



輸出

狀態

停止

```
extracting archive '/var/lib/vz/template/cache/ubuntu-18.04-standard_18.04.1-1_amd64.tar.gz'
Total bytes read: 637347840 (608MiB, 65MiB/s)
Detected container architecture: amd64
Creating SSH host key 'ssh_host_ed25519_key' - this may take some time ...
done: SHA256:MLsz7ueUypNPXlmVklTIp4dyuqt6d8Dr1UX7/UpHRDk root@oxool-lxc-test
Creating SSH host key 'ssh_host_ecdsa_key' - this may take some time ...
done: SHA256:dT5WqOKTfwu1jv25t+XhbwTJ8xVnSTpk5I3TwGfexuo root@oxool-lxc-test
Creating SSH host key 'ssh_host_dsa_key' - this may take some time ...
done: SHA256:deoBi6GkKZco02laOyGs15uTFJ8CanNyyQd51WZXO2I root@oxool-lxc-test
Creating SSH host key 'ssh_host_rsa_key' - this may take some time ...
done: SHA256:VDbC9Eps/5X6nFooOt7pjYdA1Qs9Vv3jhU8KM7uWfNM root@oxool-lxc-test
TASK OK
```

- 100MB (10 20 100MB) 100MB

```
apt update
apt upgrade -y
apt install vim openssh-server net-tools curl gnupg2 -y
# 100MB yes 100MB

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
```

- 100MB

```
systemctl enable oxool
reboot
```

- 100MB OxOOL Community 100MB

```
netstat -tlnp
```

100MB

```
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
```

100MB 100MB

→ 100MB 100MB

OxOOL 100MB

LXC 100MB

CentOS 7 安装 OxOffice Online v4

安装 CentOS 7 最小化安装 OxOffice Online v4

root 用户 sudo

```
sudo yum upgrade -y
sudo yum install vim net-tools unzip wget -y
cd /etc/yum.repos.d
sudo wget http://www.oxoffice.com.tw/rpm/el/oxool-community-v4-centos7.repo
sudo yum upgrade -y
sudo yum groupinstall "OxOOL Community Group" -y
```

SELinux

```
sudo vim /etc/selinux/config # vim 文件
# SELinux=enforcing 强制 enforcing 强制 disabled 禁用 permissive 宽容
```

9980 端口

```
sudo firewall-cmd --zone=public --permanent --add-service=http
sudo firewall-cmd --zone=public --permanent --add-port=9980/tcp
sudo firewall-cmd --reload
```

OxOOL 服务

```
sudo systemctl enable oxoolwsd
sudo reboot
```

netstat 查看 OxOOL 服务

```
sudo netstat -tlnp
```

OxOOL 服务

```
tcp6  0  0  :::9980  :::*  LISTEN  644/oxool
```


Rocky Linux 8

OxOffice Online v4

Rocky Linux 8
OxOffice Online v4
root sudo

```
sudo dnf config-manager --set-enabled powertools
sudo dnf upgrade -y
sudo dnf install epel-release -y
sudo dnf install vim net-tools unzip wget -y
cd /etc/yum.repos.d
sudo wget http://www.oxoffice.com.tw/rpm/el/oxool-community-v4-el8.repo
sudo dnf upgrade -y
sudo dnf groupinstall "OxOOL Community Group" -y
```

SELinux

```
sudo vim /etc/selinux/config # vim
# SELinux=enforcing enforcing disabled permissive
```

9980 port

```
sudo firewall-cmd --zone=public --permanent --add-service=http
sudo firewall-cmd --zone=public --permanent --add-port=9980/tcp
sudo firewall-cmd --reload
```

OxOOL

```
sudo systemctl enable oxoolwsd
sudo reboot
```

netstat OxOOL

```
sudo netstat -tlnp
```

OxOOL


```
tcp6  0  0  :::9980  :::*  LISTEN  644/oxool
```

Ubuntu 20.04

OxOffice Online v4

1. 安裝環境

Ubuntu 20.04

Ubuntu Server 20.04

2. 安裝 OxOffice Online v4

OxOffice Online v4

```
sudo apt update
sudo apt upgrade -y
sudo apt install vim openssh-server net-tools curl -y
# 按 Enter 鍵，輸入 yes
curl http://www.oxoffice.com.tw/deb/OSSII.key | sudo apt-key add
cd /etc/apt/sources.list.d/
sudo wget http://www.oxoffice.com.tw/deb/oxool-community-v4-focal.list
sudo apt update
sudo apt install oxool -y
```

3. 安裝 OxOOL

OxOOL

```
sudo systemctl enable oxool
sudo reboot
```

4. 檢查 netstat 是否顯示 OxOOL

```
sudo netstat -tlnp
```

5. 檢查 netstat 是否顯示 OxOOL

OxOOL

```
tcp6  0  0  :::9980  :::*  LISTEN  644/oxool
```


概觀

備份

ISO 映像

CT 範本

權限

範本

上傳

移除

名稱

centos-7-default_20190926_amd64.tar.xz

XXXXXXXXXX

CTXXXXXX

LXC

XX

建立: LXC 容器



一般

範本

啟動磁碟

CPU

記憶體

網路

DNS

確認

| Key ↑ | Value |
|--------------|---|
| cores | 4 |
| hostname | oxool-on-centos7 |
| memory | 2048 |
| net0 | name=eth0,bridge=vmbro,firewall=1,ip6=dhcp,ip=dhcp |
| nodename | pvetest |
| ostemplate | local:vztmpl/centos-7-default_20190926_amd64.tar.xz |
| pool | |
| rootfs | PVE3:10 |
| swap | 2048 |
| unprivileged | 1 |
| vmid | 127 |
| | |

☐ 建立完成後開機

進階 ☐

返回

完成

PVE LXC Rocky Linux 8 OxOffice Online v4

PVE

CT

Rocky Linux 8

rockylinux-8-default

範本

搜尋

| 類別 | 套件 | 版本 | 說明 |
|--|----------------------------------|-----------|--|
| <div> <div></div> <div>Section: mail (2 Items)</div> </div> | | | |
| lxc | proxmox-mailgateway-6.4-standard | 6.4-1 | Proxmox Mailgateway 6.4 |
| lxc | proxmox-mailgateway-7.0-standard | 7.0-1 | Proxmox Mailgateway 7.0 |
| <div> <div></div> <div>Section: system (19 Items)</div> </div> | | | |
| lxc | alpine-3.14-default | 20210623 | LXC default image for alpine 3.14 (20210623) |
| lxc | centos-8-stream-default | 20220327 | LXC default image for centos 8-stream (20220327) |
| lxc | fedora-34-default | 20210427 | LXC default image for fedora 34 (20210427) |
| lxc | debian-10-standard | 10.7-1 | Debian 10 Buster (standard) |
| lxc | archlinux-base | 202104... | ArchLinux base image. |
| lxc | almalinux-8-default | 20210928 | LXC default image for almalinux 8 (20210928) |
| lxc | centos-8-default | 20201210 | LXC default image for centos 8 (20201210) |
| lxc | ubuntu-18.04-standard | 18.04.1-1 | Ubuntu Bionic (standard) |
| lxc | devuan-4.0-standard | 4.0 | Devuan 4.0 (standard) |
| lxc | alpine-3.13-default | 20210419 | LXC default image for alpine 3.13 (20210419) |
| lxc | rockylinux-8-default | 20210929 | LXC default image for rockylinux 8 (20210929) |
| lxc | opensuse-15.3-default | 20210925 | LXC default image for opensuse 15.3 (20210925) |
| lxc | gentoo-current-openrc | 20220622 | LXC openrc image for gentoo current (20220622) |
| lxc | centos-7-default | 20190926 | LXC default image for centos 7 (20190926) |

下載

Rocky Linux 8

概觀

備份

ISO 映像

CT 範本

權限

範本

上傳

移除

名稱

rockylinux-8-default_20210929_amd64.tar.xz


```
dnf config-manager --set-enabled powertools
dnf install vim openssh* net-tools unzip wget -y
cd /etc/yum.repos.d
wget http://www.oxoffice.com.tw/rpm/el/oxool-community-v4-el8.repo
dnf upgrade -y
dnf groupinstall "OxOOL Community Group" -y
```



```
systemctl enable oxoolwsd
reboot
```

netstat -xOxOOL

```
netstat -tlnp
```

0x00L

```
tcp6    0  0  :::9980:::  :::*  LISTEN  644/oxool
```



□ PVE □ LXC □□ Ubuntu
20.04 □□□□ OxOffice
Online v4 □□□

| | | | | |
|------------|--------|-----------|------------------------|-----------------------|
| ■■■ | PVE ■■ | CT ■■■■■■ | Ubuntu 20.4 ■■■■■■■■■■ | ubuntu-20.04-standard |
| ■■■■■■■■■■ | | | | |

範本

搜尋

| 類別 | 套件 | 版本 | 說明 |
|-----|-------------------------|-----------|--|
| lxc | alpine-3.14-default | 20210623 | LXC default image for alpine 3.14 (20210623) |
| lxc | fedora-34-default | 20210427 | LXC default image for fedora 34 (20210427) |
| lxc | centos-8-stream-default | 20220327 | LXC default image for centos 8-stream (20220327) |
| lxc | ubuntu-18.04-standard | 18.04.1-1 | Ubuntu Bionic (standard) |
| lxc | centos-8-default | 20201210 | LXC default image for centos 8 (20201210) |
| lxc | almalinux-8-default | 20210928 | LXC default image for almalinux 8 (20210928) |
| lxc | archlinux-base | 202104... | ArchLinux base image. |
| lxc | opensuse-15.3-default | 20210925 | LXC default image for opensuse 15.3 (20210925) |
| lxc | rockylinux-8-default | 20210929 | LXC default image for rockylinux 8 (20210929) |
| lxc | centos-7-default | 20190926 | LXC default image for centos 7 (20190926) |
| lxc | gentoo-current-openrc | 20220622 | LXC openrc image for gentoo current (20220622) |
| lxc | alpine-3.13-default | 20210419 | LXC default image for alpine 3.13 (20210419) |
| lxc | devuan-4.0-standard | 4.0 | Devuan 4.0 (standard) |
| lxc | debian-11-standard | 11.3-1 | Debian 11 Bullseye (standard) |
| lxc | devuan-3.0-standard | 3.0 | Devuan 3.0 (standard) |
| lxc | ubuntu-20.04-standard | 20.04-1 | Ubuntu Focal (standard) |
| lxc | ubuntu-16.04-standard | 16.04.5-1 | Ubuntu Xenial (standard) |
| lxc | alpine-3.15-default | 20211202 | LXC default image for alpine 3.15 (20211202) |

下載



節點 'pvetest' 上的儲存 'local'

| | | | |
|--|--|-----------------------------------|-----------------------------------|
|  概觀 | <input type="button" value="範本"/> | <input type="button" value="上傳"/> | <input type="button" value="移除"/> |
|  備份 | 名稱 | | |
|  ISO 映像 | ubuntu-20.04-standard_20.04-1_amd64.tar.gz | | |
|  CT 範本 | | | |
|  權限 | | | |

建立: LXC 容器

一般

範本

啟動磁碟

CPU

記憶體

網路

DNS

確認

| Key ↑ | Value |
|--------------|---|
| cores | 2 |
| hostname | OxOOLonUbuntu20.04 |
| memory | 2048 |
| net0 | name=eth0,bridge=vbr0,firewall=1,ip6=dhcp,ip=dhcp |
| nodename | pvetest |
| ostemplate | local:vztmpl/ubuntu-20.04-standard_20.04-1_amd64.tar.gz |
| pool | |
| rootfs | PVE3:8 |
| swap | 2048 |
| unprivileged | 1 |
| vmid | 127 |
| | |

☐ 建立完成後開機

進階 ☐


返回

完成

停止



LXC root

0x00L 

netstat Ox00L

0x00L



Rocky Linux 8

OxOffice Online v5

Rocky Linux 8

Rocky Linux 8

Rocky Linux 8

Rocky Linux 8

OxOffice Online v5

Rocky Linux 8

root

sudo

```
sudo dnf config-manager --set-enabled powertools
sudo dnf upgrade -y
sudo dnf install epel-release -y
sudo dnf install vim net-tools unzip wget -y
sudo wget -P /etc/yum.repos.d http://www.oxoffice.com.tw/rpm/el/oxool-community-v5-el8.repo
sudo dnf upgrade -y
sudo dnf groupinstall "OxOOL Community Group" -y
```

SELinux

```
sudo vim /etc/selinux/config # vim
# SELinux=enforcing enforcing disabled permissive
```

9980 port

9980 port

```
sudo firewall-cmd --zone=public --permanent --add-service=http
sudo firewall-cmd --zone=public --permanent --add-port=9980/tcp
sudo firewall-cmd --reload
```

OxOOL

OxOOL

```
sudo systemctl enable oxoolwsd
sudo reboot
```

netstat OxOOL




```
sudo netstat -tlnp
```

OxOOL

OxOOL

```
tcp6  0  0  :::9980  :::*  LISTEN  644/oxool
```

☐ Ubuntu 24.04 ☐☐☐☐
 OxOffice Online v5 ☐☐

```
sudo apt update
sudo apt upgrade -y
sudo apt install vim openssh-server net-tools curl -y
# [Progress Bar] yes [ ]
sudo curl -o /etc/apt/keyrings/OSSII.asc http://www.oxoffice.com.tw/deb/OSSII.key
sudo curl -o /etc/apt/sources.list.d/oxool-community-v5-noble.list http://www.oxoffice.com.tw/deb/oxool-
community-v5-noble.list
sudo apt update
sudo apt install oxool -y
```




```
sudo systemctl enable oxool
sudo reboot
```

netstat -xOOL

```
sudo netstat -tlnp
```

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```
tcp6    0  0  :::9980:::  :::*  LISTEN  644/oxool
```