# OxOffice Online ??????

	OxOffice Online (OxOOL)
☐☐☐☐☐ Nextcloud ☐☐ https://docs.ossii.com.tw/bo	
•  CentOS 7	
• <a>_ Ubuntu 18.04 <a></a></a>	
• CentOS 7 PVE LXC	
• 🛘 Ubuntu 18.04 PVE LX	XC
• CentOS 7	OxOffice Online v4 III
• Rocky Linux 8	OxOffice Online v4 III
• <a>_ Ubuntu 20.04 <a></a></a>	OxOffice Online v4 III
•   PVE   LXC   Cen	tOS 7 TO OxOffice Online v4 TO
•   PVE   LXC   Roc	ky Linux 8 IIII OxOffice Online v4 III
• PVE LXC Ubu	ıntu 20.04 IIII OxOffice Online v4 III
• Rocky Linux 8	OxOffice Online v5 III
• 🛮 Ubuntu 24.04 🎹	OxOffice Online v5 III

### ? CentOS 7 ?????(???)

```
CentOS 7 IIIIIIIII
                                       2009 ☐ Minimal Desktop - ☐ CentOS
  • | | | | |
             [1][2][3]
   ППП
 000000000 IP000000000
  • | root | | | | | | |
                                                   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 "0x00L Community Group" -y

    ■ SELinux

 # □□ SELinux=enforcing □□□□ enforcing □□ disabled □ permissive □□□□□
      firewalld IIIIII
                           9980 port
  • П
 firewall-cmd --zone=public --permanent --add-service=http
 firewall-cmd --zone=public --permanent --add-port=9980/tcp
  • | | | | | |
 systemctl enable oxool
 reboot
  •
                       root TTTT OxOOL Community
 netstat -tlnp
127.0.0.1:9981  0.0.0.0:* LISTEN 644/oxool
 tcp
                  :::9980□□
                                      ∏LISTEN 644/oxool
 tcp6
                                * * *
```

Nextcloud [[[[]]]]	Nextcloud 20 IIII	

### ? Ubuntu 18.04 ?????(???)

000000 IP00000000 [3]

OxOOL Community [

### •

sudo systemctl enable oxool
sudo reboot

•

OxOOL Community [

sudo netstat -tlnp

Active Internet connections (only servers)						
Proto Re	cv-Q Ser	nd-Q Local Address	Foreign Address	State	PID/Program	
name						
tcp	0	0 127.0.0.1:9981	0.0.0.0:*	LISTEN		
22383/ox	ool					
tcp	Θ	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/maste	er					
tcp6	0	0 :::9980	:::*	LISTEN		
22383/oxoo	l					
tcp6	0	0 :::22	:::*	LISTEN		
4389/sshd						
tcp6	0	0 ::1:25	****	LISTEN	2575/master	

ezgo 🎹	Franklin IIII	~		
Nextcloud		Nexto	cloud 20 IIII	

### ? CentOS 7 PVE LXC ?????( ???)

• IIII PVE IIII centos-7-default\_20190926\_amd64.tar.xzIII LXC IIII

### 節點 'pve1' 上的儲存 'local'



• []]]] CT

建立: LXC 容器									$\otimes$
一般  範本	啟始磁碟 CPU	記憶體	網路	DNS	確認				
節點:	pve1		> 資	[源集區:					~
CT ID:	105		○ 密	3碼:		••••••			
主機名稱:	oxool-lxc-test		确	認密碼:		•••••			
無特權容器:			S	SH 公開金	鑰:				
				載入 SSH ≦	企鑰檔系	=			
② 說明							進階 🗸	返回	繼續

### 建立: LXC 容器

範本

一般

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=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

□ 建立完成後開機

進階 🗸

返回

完成

 $\otimes$ 

### Task viewer: CT 105 - 建立



狀態



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:v9clmA/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:JxIzMaRfoPj2eoaiYAxaQOSFNdn0eICnCH1L9gV60Ws 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

```
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 "0x00L Community Group" -y
  •
  systemctl enable oxool
  reboot
                 OxOOL Community [
  • | | | | | |
 netstat -tlnp
Active Internet connections (only servers)
 Proto Recv-Q Send-Q Local Address
                                         Foreign Address
                                                              State
                                                                         PID/Program
 name
                0 127.0.0.1:9981
                                         0.0.0.0:*
                                                              LISTEN
 tcp
 1049/oxool
                 0 :::9980
                                                              LISTEN
                                                                         1049/oxool
 tcp6
                                         :::*
```

 $\rightarrow$ 

OxOOL LXC L

## ? Ubuntu 18.04 PVE LXC ????? (???)

• IIII PVE III ubuntu-18.04-standard\_18.04.1-1\_amd64.tar.gz LXC IIII

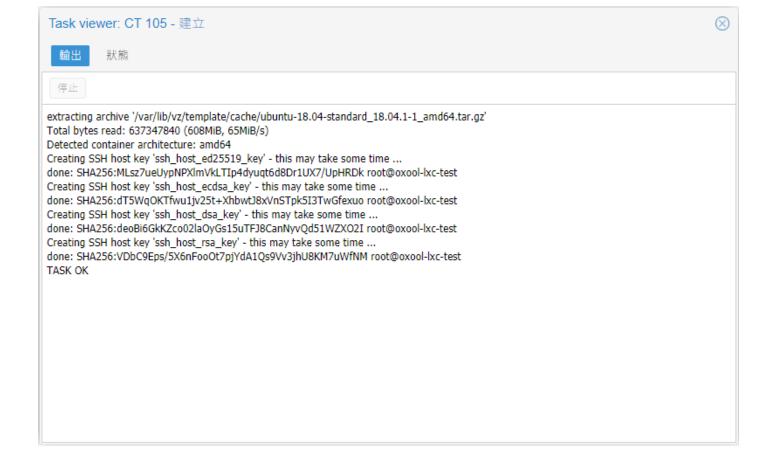
### 節點 'pve1' 上的儲存 'local'



• []]]] CT

建立: LXC 容器									$\otimes$
一般  範本	啟始磁碟 CPU	記憶體	網路	DNS	確認				
節點:	pve1		> 資	[源集區:					~
CT ID:	105		○ 密	3碼:		••••••			
主機名稱:	oxool-lxc-test		确	認密碼:		•••••			
無特權容器:			S	SH 公開金	鑰:				
				載入 SSH ≦	企鑰檔系	=			
② 說明							進階 🗸	返回	繼續





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 tcp6 0 0 :::9980 :::\* LISTEN 22383/oxool

## ? CentOS 7 ????? OxOffice Online v4 ???

CentOS 7 Minimal
OxOffice Online v4
root million sudo
sudo yum upgrade -y
sudo yum install vim net-tools unzip wget -y
cd /etc/yum.repos.d
<pre>sudo wget http://www.oxoffice.com.tw/rpm/el/oxool-community-v4-centos7.repo</pre>
sudo yum upgrade -y
sudo yum groupinstall "0x00L Community Group" -y
□ SELinux
sudo vim /etc/selinux/config # vim DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD
# DD SELinux=enforcing DDD enforcing DD disabled permissive
# UL SELINUX-enforcing ULUL enforcing UL disabled   permissive ULULU
9980 port
•
sudo firewall-cmdzone=publicpermanentadd-service=http
sudo firewall-cmdzone=publicpermanentadd-port=9980/tcp
sudo firewall-cmdreload
sudo systemctl enable oxoolwsd
sudo reboot
□ netstat □ 0x00L □ □
audo matatat tlan
sudo netstat -tlnp
tcp6 0 0 :::9980 :::*

## ? Rocky Linux 8 ????? OxOffice Online v4 ???

	Rocky Linux 8∭	OxOffice	– e Online v4 sudo∏
sudo dnf config-manag sudo dnf upgrade -y	erset-enabled power	tools	
		у	
sudo dnf upgrade -y			3.repo
☐ SELinux	oxect community energy	,	
	9980 port		
sudo firewall-cmdz	one=publicpermanent	-	
OxOOL			
sudo systemctl enable	oxoolwsd		
Sudo dnf config-managerset-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 "0x00L Community Group" -y  SELinux  Sudo vim /etc/selinux/config # vim			
sudo netstat -tlnp			
ппппппппппппппппппппппппппппппппппппппп	OxOOL []]]		

## ? Ubuntu 20.04 ????? OxOffice Online v4 ???

Ubuntu 20.04
☐☐☐ Ubuntu Server 20.04 ☐☐☐

	OxOffice Online v4 III
sudo apt update	
sudo apt upgrade -y	
sudo apt install vim openssh-server net-tools	curl -y
# 0000000000000000 yes 00	
curl http://www.oxoffice.com.tw/deb/OSSII.key	sudo apt-key add
cd /etc/apt/sources.list.d/	
<pre>sudo wget http://www.oxoffice.com.tw/deb/oxool</pre>	-community-v4-focal.list
sudo apt update	
sudo apt install oxool -y	
OxOOL IIII	
sudo systemctl enable oxool sudo reboot	
□ netstat □ 0x00L □ □	
sudo netstat -tlnp	
OxOOL []]]	
tcp6 0 0 :::9980[] :::* [LIST	EN 644/oxool

### ? PVE ? LXC ?? CentOS 7 ???? OxOffice Online v4 ???

PVE CT CentOS 7 centos-7-default

範本				$\otimes$
			搜尋	
類別	套件	版本	說明	
☐ Section: m	ail (2 Items)			
Ixc	proxmox-mailgateway-6.4-standard	6.4-1	Proxmox Mailgateway 6.4	
Ixc	proxmox-mailgateway-7.0-standard	7.0-1	Proxmox Mailgateway 7.0	
□ Section: sy	stem (19 Items)			
Ixc	opensuse-15.3-default	20210925	LXC default image for opensuse 15.3 (20210925)	
Ixc	rockylinux-8-default	20210929	LXC default image for rockylinux 8 (20210929)	
Ixc	centos-7-default	20190926	LXC default image for centos 7 (20190926)	
Ixc	gentoo-current-openrc	20220622	LXC openrc image for gentoo current (20220622)	
Ixc	alpine-3.13-default	20210419	LXC default image for alpine 3.13 (20210419)	
Ixc	devuan-4.0-standard	4.0	Devuan 4.0 (standard)	
Ixc	debian-11-standard	11.3-1	Debian 11 Bullseye (standard)	
Ixc	devuan-3.0-standard	3.0	Devuan 3.0 (standard)	
Ixc	ubuntu-20.04-standard	20.04-1	Ubuntu Focal (standard)	
Ixc	ubuntu-16.04-standard	16.04.5-1	Ubuntu Xenial (standard)	
Ixc	alpine-3.15-default	20211202	LXC default image for alpine 3.15 (20211202)	
Ixc	debian-10-standard	10.7-1	Debian 10 Buster (standard)	
Ixc	alpine-3.14-default	20210623	LXC default image for alpine 3.14 (20210623)	
Ixc	fedora-34-default	20210427	LXC default image for fedora 34 (20210427)	*
			下载	

CentOS 7 Ⅲ

■ 概觀	<b>範本</b> 上傳 移除
□ 備份	名稱
SO 映像	centos-7-default_20190926_amd64.tar.xz
[ <b>☆</b> CT 範本	
▲ 權限	
	CT[[[]]] LXC

### 建立: LXC 容器 一般 範本 啟動磁碟 CPU 記憶體 網路 DNS Key ↑ Value 4 cores hostname oxool-on-centos7 2048 memory name=eth0,bridge=vmbr0,firewall=1,ip6=dhcp,ip=dhcp net0 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「 Task viewer: CT 127 - 建立 狀態 停止 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 dsa key' - this may take some time ... done: SHA256:T6s473iZKCeEsRrJeDrAaWYZK/YB7c5+/GrFdfKHoXs root@oxool-on-centos7 Creating SSH host key 'ssh\_host\_ecdsa\_key' - this may take some time ... done: SHA256:jiyyp9DzarL6kW6+AuNjL66RRIGq4RnkKM/JZH0yDnc root@oxool-on-centos7 Creating SSH host key 'ssh host rsa key' - this may take some time ... done: SHA256:5CPVS8QZUrS6KIWByInwdteu7GUhj9dpppFvvw6G6e4 root@oxool-on-centos7 Creating SSH host key 'ssh host ed25519 key' - this may take some time ... done: SHA256:KUf+innUbnLSHxp3YldvKkpmv8zPf5CP/OVF5keUEvQ root@oxool-on-centos7 TASK OK LXC IIII root

yum install vim openssh\* net-tools unzip wget -y
cd /etc/yum.repos.d
wget http://www.oxoffice.com.tw/rpm/el/oxool-community-v4-centos7.repo
yum upgrade -y

yum groupinst	all "0x00L Communi	ty Group"	- y			
	OxOOL []]]]					
systemctl enal	ble oxoolwsd					
□ netstat □	OxOOL IIII					
netstat -tlnp						
	0x00L					
tcp6 0	0 :::9980□□	:::*	_LISTEN	644/oxool		
	Ш	→□□□			OxOOL IIII	LXC IIII

### ? PVE ? LXC ?? Rocky Linux 8 ???? OxOffice Online v4 ???

PVE CT CT Rocky Linux 8 rockylinux-8-default

範本				$\otimes$
			搜尋	
類別	套件	版本	說明	
☐ Section: n	nail (2 Items)			_
Ixc	proxmox-mailgateway-6.4-standard	6.4-1	Proxmox Mailgateway 6.4	
Ixc	proxmox-mailgateway-7.0-standard	7.0-1	Proxmox Mailgateway 7.0	
Section: s     Section: s	ystem (19 Items)			
Ixc	alpine-3.14-default	20210623	LXC default image for alpine 3.14 (20210623)	
Ixc	centos-8-stream-default	20220327	LXC default image for centos 8-stream (20220327)	
Ixc	fedora-34-default	20210427	LXC default image for fedora 34 (20210427)	
Ixc	debian-10-standard	10.7-1	Debian 10 Buster (standard)	
Ixc	archlinux-base	202104	ArchLinux base image.	
Ixc	almalinux-8-default	20210928	LXC default image for almalinux 8 (20210928)	
Ixc	centos-8-default	20201210	LXC default image for centos 8 (20201210)	
Ixc	ubuntu-18.04-standard	18.04.1-1	Ubuntu Bionic (standard)	
Ixc	devuan-4.0-standard	4.0	Devuan 4.0 (standard)	
Ixc	alpine-3.13-default	20210419	LXC default image for alpine 3.13 (20210419)	
Ixc	rockylinux-8-default	20210929	LXC default image for rockylinux 8 (20210929)	
Ixc	opensuse-15.3-default	20210925	LXC default image for opensuse 15.3 (20210925)	
Ixc	gentoo-current-openrc	20220622	LXC openrc image for gentoo current (20220622)	
Ixc	centos-7-default	20190926	LXC default image for centos 7 (20190926)	*
			下載	

Rocky Linux 8 Ⅲ

■ 概觀	範本 上傳 移除
🖺 備份	名稱
<b>O</b> ISO 映像	rockylinux-8-default_20210929_amd64.tar.xz
[to CT 範本	
■ 權限	

CT[[[[]]] LXC

### 建立: LXC 容器 DNS 一般 範本 啟動磁碟 CPU 記憶體 網路 Key ↑ Value 2 cores hostname oxoolonrockylinux8 2048 memory name=eth0,bridge=vmbr0,firewall=1,ip6=dhcp,ip=dhcp net0 nodename pvetest ostemplate local:vztmpl/rockylinux-8-default\_20210929\_amd64.tar.xz pool PVE3:8 rootfs 2048 swap unprivileged 1 127 vmid □ 建立完成後開機 進階 □ Task viewer: CT 127 - 建立 狀態 停止 extracting archive '/var/lib/vz/template/cache/rockylinux-8-default\_20210929\_amd64.tar.xz' Total bytes read: 692172800 (661MiB, 52MiB/s) Detected container architecture: amd64 unknown ID 'rocky' in /etc/os-release file, trying fallback detection Creating SSH host key 'ssh\_host\_dsa\_key' - this may take some time ... done: SHA256:4DLGpryJCoYbKkz51KEICjwF30+QLFNuTJmAlNCtB9c root@oxoolonrockylinux8 Creating SSH host key 'ssh\_host\_ecdsa\_key' - this may take some time ... done: SHA256:38eblpM0zc5pxDHNTK3jURvcpYAfz5z2RnatwZ68WUY root@oxoolonrockylinux8 Creating SSH host key 'ssh host rsa key' - this may take some time ... done: SHA256:vmA4mr60r73+ZLEYaogrs5ycD8iUIJmF8d8O9lw52as root@oxoolonrockylinux8 Creating SSH host key 'ssh\_host\_ed25519\_key' - this may take some time ... done: SHA256:G9BK+7/TqLfTM49GNGwoUppdaBMyB0Oe8Frvly33IZw root@oxoolonrockylinux8 TASK OK LXC IIII root 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 -	у					
dnf groupinst	all "0x00L Communi	ity Group"	- y			
	OxOOL IIIII					
systemctl ena	ble oxoolwsd					
□ netstat □	OxOOL IIII					
netstat -tlnp						
	OxOOl					
tcp6 0	0 :::9980□□	:::*	□LISTEN	644/oxool		
	Ш	→□□□			OxOOL IIII	LXC [[[]

### ? PVE ? LXC ?? Ubuntu 20.04 ???? OxOffice Online v4 ???

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

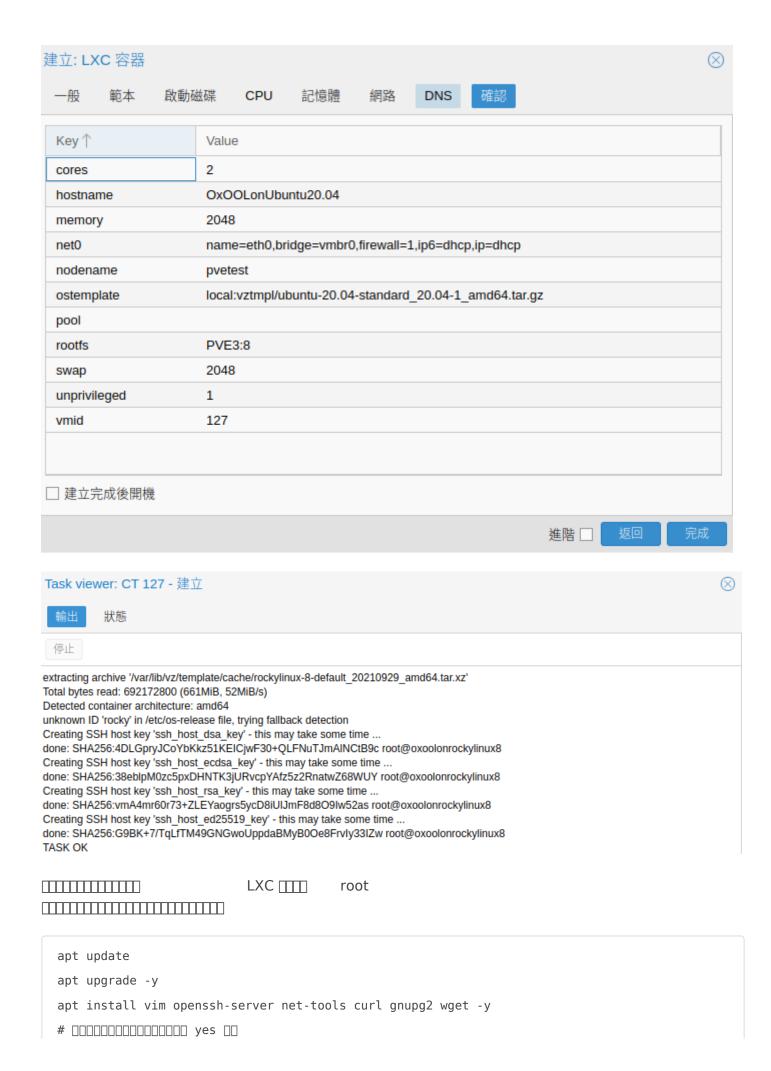
範本			$\otimes$
			搜尋
類別	套件	版本	說明
lxc	alpine-3.14-default	20210623	LXC default image for alpine 3.14 (20210623)
Ixc	fedora-34-default	20210427	LXC default image for fedora 34 (20210427)
Ixc	centos-8-stream-default	20220327	LXC default image for centos 8-stream (20220327)
Ixc	ubuntu-18.04-standard	18.04.1-1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

Ubuntu 20.04 Ⅲ

節點 'pvetest' 上的儲存 'local'



CT LXC



```
curl http://www.oxoffice.com.tw/deb/OSSII.key | sudo apt-key add
            cd /etc/apt/sources.list.d/
           wget http://www.oxoffice.com.tw/deb/oxool-community-v4-focal.list
            apt update
            apt install oxool -y
OxOOL IIIII
            systemctl enable oxool
             reboot

  □ netstat □ OxOOL □ OxO
            netstat -tlnp
OxOOL IIII
                                                                                         0
                                                                                                                                                                                                      :::* □LISTEN 644/oxool
            tcp6
                                                                                                                 :::9980□□
\rightarrow
                                                                                                                                                                                                                                                                                                                                                                    OxOOL IIII LXC IIII
```

## ? Rocky Linux 8 ????? OxOffice Online v5 ???

	Rocky Linux 8	Rocky Linux 8 IIII	_				
		OxOffice	e Online v5				
		root IIIIIII	sudo[]				
sudo dnf config-manag	erset-enabled power	tools					
sudo dnf upgrade -y							
sudo dnf install epel	sudo dnf install epel-release -y						
sudo dnf install vim	net-tools unzip wget -	у					
sudo wget -P /etc/yum	.repos.d http://www.ox	office.com.tw/rpm/el/ox	xool-community-v5-el8.repo				
sudo dnf upgrade -y							
sudo dnf groupinstall	"0x00L Community Grou	p" -y					
□ SELinux							
	/config # vim 0000000		300				
# UU SELINUX=enTorcin	g □□□□ enforcing □□ di	sabled    permissive					
	9980 port						
sudo firewall-cmdz	one=publicpermanent	add-service=http					
sudo firewall-cmdz	one=publicpermanent	add-port=9980/tcp					
sudo firewall-cmdr	eload						
OxOOL							
sudo systemctl enable	oxoolwsd						
sudo reboot							
netstat OxOOL							
sudo netstat -tlnp							
	OxOOL [[[[]]]						
tcp6 0 0 ::	:9980[[ :::* [L	ISTEN 644/oxool					

### ? Ubuntu 24.04 ????? OxOffice Online v5 ???

OxOffice Online v5
sudo apt update
sudo apt upgrade -y
sudo apt install vim openssh-server net-tools curl -y
# 0000000000 yes 00
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
OXOOL IIII
sudo systemctl enable oxool sudo reboot
☐ netstat ☐ 0x00L ☐☐
sudo netstat -tlnp
OxOOL III
tcp6 0 0 :::9980□□ :::* □LISTEN 644/oxool