

OxOffice Online



OxOffice Online (OxOOL) 

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Nextcloud

Nextcloud ☐ ☐ ☐ ☐ ☐ ☐

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

- [CentOS 7 \[4GB\] \(1GB\)](#)
- [Ubuntu 18.04 \[4GB\] \(1GB\)](#)
- [CentOS 7 PVE LXC \[4GB\] \(1GB\)](#)
- [Ubuntu 18.04 PVE LXC \[4GB\] \(1GB\)](#)
- [CentOS 7 \[4GB\] OxOffice Online v4 \[1GB\]](#)
- [Rocky Linux 8 \[4GB\] OxOffice Online v4 \[1GB\]](#)
- [Ubuntu 20.04 \[4GB\] OxOffice Online v4 \[1GB\]](#)
- [PVE \[1GB\] LXC \[1GB\] CentOS 7 \[4GB\] OxOffice Online v4 \[1GB\]](#)
- [PVE \[1GB\] LXC \[1GB\] Rocky Linux 8 \[4GB\] OxOffice Online v4 \[1GB\]](#)
- [PVE \[1GB\] LXC \[1GB\] Ubuntu 20.04 \[4GB\] OxOffice Online v4 \[1GB\]](#)
- [Rocky Linux 8 \[4GB\] OxOffice Online v5 \[1GB\]](#)
- [Ubuntu 24.04 \[4GB\] OxOffice Online v5 \[1GB\]](#)

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
```

□□□□□□□□□□□□□□□□

□□□□□□ Nextcloud □□□□□□□□□□ Nextcloud 20 □□□□□□□□□□

□ Ubuntu 18.04 □□□□□ (□□□□)

-  Ubuntu 18.04  64  Server  _
Desktop  64 

[illegible]

-  User  0x00L 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
```

-

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

- 0x00L Community

```
sudo netstat -tlnp
```

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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/ssh
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/ssh
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	<div>還原 移除 範本 上傳 顯示設定內容</div>
內容	名稱
權限	<div>ISO 映像 (5 Items)</div> <div>CentOS-7-x86_64-Minimal-1908.iso</div> <div>CentOS-8.1.1911-x86_64-boot.iso</div> <div>ubuntu-18.04.1-desktop-amd64.iso</div> <div>ubuntu-18.04.4-desktop-amd64.iso</div> <div>ubuntu-18.04.4-live-server-amd64.iso</div> <div>容器範本 (2 Items)</div> <div>centos-7-default_20190926_amd64.tar.xz</div> <div>ubuntu-18.04-standard_18.04.1-1_amd64.tar.gz</div>

- 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
```

- 在 10 分钟内安装

```
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
```

- 安装

```
systemctl enable oxool
reboot
```

- 安装 OxOOL Community

```
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	1049/oxool
tcp6	0	0	:::9980	:::*	LISTEN	1049/oxool

安装 OxOOL LXC

□ □ □ □ □ (□ □ □)

- 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 100MB

OxOOL 100MB

LXC 100MB

CentOS 7

OxOffice Online v4

CentOS 7 Minimal
root
OxOffice Online v4
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
# 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
```


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 是否安裝 OxOOL

```
sudo netstat -tlnp
```

5. 檢查 netstat 是否安裝 OxOOL

OxOOL

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

PVE
LXC
CentOS 7

OxOffice Online v4



PVE
CT
CentOS 7
centos-7-default

範本

搜尋

類別	套件	版本	說明
<div> <div></div> Section: mail (2 Items) </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> Section: system (19 Items) </div>			
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)
lxc	debian-10-standard	10.7-1	Debian 10 Buster (standard)
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)

下載

CentOS 7

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

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=vmbr0,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 ☐

狀態

停止




LXC  root

0x00L

```
netstat -tOx00L
```

0x00L 0000

→

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

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 0x00L

```
netstat -tlnp
```



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


0x00L
LXC

□ 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

Ubuntu 20.04

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



輸出 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+QLFNuTJmAINCtB9c root@oxoolonrockylinux8
Creating SSH host key 'ssh_host_ecdsa_key' - this may take some time ...
done: SHA256:38eb1pM0zc5pxDHNTK3jURvcpYAfz5z2RnatwZ68WUY root@oxoolonrockylinux8
Creating SSH host key 'ssh_host_rsa_key' - this may take some time ...
done: SHA256:vmA4mr60r73+ZLEYaogrs5ycD8lUlJmF8d8O9lw52as root@oxoolonrockylinux8
Creating SSH host key 'ssh_host_ed25519_key' - this may take some time ...
done: SHA256:G9BK+7/TqLTM49GNGwoUppdaBMyB0Oe8Frvly33lZw root@oxoolonrockylinux8
TASK OK
```


LXC root

```
apt update
apt upgrade -y
apt install vim openssh-server net-tools curl gnupg2 wget -y
# [Progress Bar] yes [ ]
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
```

0x00L [] [] [] []

```
systemctl enable oxool
reboot
```

netstat -xOxOOL

```
netstat -tlnp
```

0x00L

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


Rocky Linux 8

OxOffice Online v5

Rocky Linux 8

Rocky Linux 8

Rocky Linux 8

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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 ☐☐

 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 -t -l -p 0x00L
```

```
sudo netstat -tlnp
```

0x00L 0000

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