

OxOffice Online







☐ OxOffice Online ☐

- OxOffice Online

- CentOS 7 ()
- Ubuntu 18.04 ()
- CentOS 7 PVE LXC ()
- Ubuntu 18.04 PVE LXC ()
- CentOS 7 OxOffice Online v4
- Rocky Linux 8 OxOffice Online v4
- Ubuntu 20.04 OxOffice Online v4
- PVE LXC CentOS 7 OxOffice Online v4
- PVE LXC Rocky Linux 8 OxOffice Online v4
- PVE LXC Ubuntu 20.04 OxOffice Online v4
- Rocky Linux 8 OxOffice Online v5
- Ubuntu 24.04 OxOffice Online v5

- OxOffice Online ☐☐☐☐

-  0x00L SSL 
-  Nextcloud  0x00L

- OxOffice Online ☐ ☐ ☐ ☐ ☐ ☐

- ☐ CentOS 7 ☐☐☐☐☐ OxOOL
- ☐ Ubuntu 18.04 ☐☐☐☐☐ OxOOL
- ☐ CentOS 7 ☐☐☐☐☐ OxOffice Online v4 ☐☐
- ☐ Rocky Linux 8 ☐☐☐☐☐ OxOffice Online v4 ☐☐

- ▢ Ubuntu 20.04 ▢▢▢▢ OxOffice Online v4 ▢▢
- ▢ Rocky Linux 9 ▢▢▢▢ OxOffice Online v4 ▢▢
- ▢ Rocky Linux 8 ▢▢▢▢ OxOffice Online v5 ▢▢
- ▢ Ubuntu 24.04 ▢▢▢▢ OxOffice Online v5 ▢▢

- OxOffice Online v4 ▢▢▢

- OxOOL v4 ▢▢▢▢▢
- OxOOL ▢▢▢▢▢

- OxOffice Online ▢▢▢▢

- OxOffice Online ▢▢▢▢▢▢

OxOffice Online



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XXXXXX Nextcloud XXXXXXXX Nextcloud XXXXXX
https://docs.ossii.com.tw/books/nextcloudXXXXXXXXXXXX

在 CentOS 7 安裝 OxOffice Online (繁體中文)

- 本文介紹 CentOS 7 安裝 OxOffice Online 2009 繁體中文 Minimal Desktop - 繁體中文 CentOS 安裝 [1] [2] [3]

安裝 IP 地址

- 以 root 權限執行 OxOOL Community 安裝

```
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
```

- 關閉 SELinux

```
vim /etc/selinux/config # vim 設定檔
# 關閉 SELinux=enforcing 改為 enforcing 關閉 disabled 改為 permissive 開啟
```

- 安裝 firewalld 並開啟 9980 port

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

- 安裝 OxOOL

```
systemctl enable oxool
reboot
```

- 安裝 OxOffice Online 2009 繁體中文 root 權限 OxOOL Community 安裝

```
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 □□□□□□□□□□

安裝 Ubuntu 18.04 伺服器 (64 位元)

- 下載 Ubuntu 18.04 64 位元 Server 安裝檔 (1) (2)

安裝檔 IP 位址 [3]

- 用戶名 User 密碼 OxOOL Community

```
sudo apt update
sudo apt upgrade -y
sudo apt install vim openssh-server net-tools curl -y
# 安裝成功後，請輸入 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
```

- 安裝完成

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

- 安裝完成 OxOOL Community

```
sudo 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	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/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	<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
```

- 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

```
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 的步驟

→ 安裝 OxOOL

OxOOL 安裝

LXC 安裝

Ubuntu 18.04 PVE LXC

（ ）

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

OxOffice Online 安装

CentOS 7 安装 OxOffice Online v4

安装 CentOS 7 Minimal OxOffice Online v4
root 安装 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 enforcing disabled permissive
```

安装 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
```

安装 OxOOL 服务


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


netstat 查看 OxOOL 服务

```
sudo netstat -tlnp
```

安装 OxOOL 服务

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

Rocky Linux 8 

OxOffice Online v4 

```
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
```

```
sudo vim /etc/selinux/config # vim
```

```
# SELinux=enforcing enforcing disabled permissive
```

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

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

```
sudo netstat -tlnp
```

XXXXXXXXXX

OxOOL XXX

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

OxOffice Online 繁體中文

Ubuntu 20.04 繁體中文

OxOffice Online v4 繁體中文

繁體中文

Ubuntu 20.04 繁體中文

Ubuntu Server 20.04 繁體中文

繁體中文

OxOffice Online v4 繁體中文

```
sudo apt update
sudo apt upgrade -y
sudo apt install vim openssh-server net-tools curl -y
# 繁體中文 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
```

繁體中文

OxOOL 繁體中文

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

netstat 繁體中文 OxOOL 繁體中文

```
sudo netstat -tlnp
```

繁體中文

OxOOL 繁體中文

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

 PVE CT CentOS 7 centos-7-default

範本

搜尋

類別	套件	版本	說明
☐ Section: mail (2 Items)			
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
☐ Section: system (19 Items)			
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

狀態

```
extracting archive 'var/lib/uz/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:T6s473iZKCeEsRrJeDrAwWYZK/YB7c5+/GrFdfKH0Xs root@oxool-on-centos7
Creating SSH host key 'ssh_host_ecdsa_key' - this may take some time ...
done: SHA256:jiypp9DzarL6kW6+AuNjL66RRIGq4RnkKM/JZH0yDnc root@oxool-on-centos7
Creating SSH host key 'ssh_host_rsa_key' - this may take some time ...
done: SHA256:5CPVS8QZUrS6KfWbYnwdteu7GUHj9dpppFvw6G6e4 root@oxool-on-centos7
Creating SSH host key 'ssh_host_ed25519_key' - this may take some time ...
done: SHA256:Kuf+innUbnLSHxp3YldvKkpvm8zPf5CP/OVF5keUEvQ root@oxool-on-centos7
TASK OK
```

```

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 groupinstall "OxOOL Community Group" -y

```

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
Section: mail (2 Items)			
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
Section: system (19 Items)			
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

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

停止



LXC root

0x00L 0x00L 0x00L 0x00L 0x00L 0x00L 0x00L 0x00L

netstat -xOOL

0x00L

 0x00L
 LXC

Rocky Linux 8

OxOffice Online v5

```
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
```

```
sudo vim /etc/selinux/config # vim
```

```
# SELinux=enforcing enforcing disabled permissive
```

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

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

```
sudo netstat -tlnp
```

XXXXXXXXXX

OxOOL XXX

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

在 Ubuntu 24.04 安裝

OxOffice Online v5 步驟

在 Ubuntu 24.04 安裝 OxOffice Online v5 步驟

```
sudo apt update
sudo apt upgrade -y
sudo apt install vim openssh-server net-tools curl -y
# 按 Enter 鍵，輸入 yes 按 Enter 鍵
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
```

在 Ubuntu 24.04 安裝 OxOOL 步驟

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

使用 netstat 檢查 OxOOL 是否正在監聽

```
sudo netstat -tlnp
```

在 Ubuntu 24.04 安裝 OxOOL 步驟

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

OxOffice Online

 OxOffice Online 



OxOOL SSL

OxOOL SSL hostname
SSL

- SSL For Free SSL Let's Encrypt
- OxOOL /etc/oxool/ssl
3
 - ca_bundle.crt
 - certificate.crt
 - private.key
- vim /etc/oxool/oxoolwsd.xml <enable>
<cert_file_path> <key_file_path> <ca_file_path> 4
)

```
<ssl desc="SSL settings">
  <enable type="bool" desc="Controls whether SSL encryption is enable (do not disable for production
deployment). If default is false, must first be compiled with SSL support to enable."
default="true">true</enable>
  <termination desc="Connection via proxy where oxoolwsd acts as working via https, but actually uses http."
type="bool" default="true">false</termination>
  <cert_file_path desc="Path to the cert file" relative="false">/etc/oxool/ssl/certificate.crt</cert_file_path>
  <key_file_path desc="Path to the key file" relative="false">/etc/oxool/ssl/private.key</key_file_path>
  <ca_file_path desc="Path to the ca file" relative="false">/etc/oxool/ssl/ca_bundle.crt</ca_file_path>
  <cipher_list desc="List of OpenSSL ciphers to accept"
default="ALL:!ADH:!LOW:!EXP:!MD5:@STRENGTH"></cipher_list>
  <hpkp desc="Enable HTTP Public key pinning" enable="false" report_only="false">
    <max_age desc="HPKP's max-age directive - time in seconds browser should remember the pins"
enable="true">1000</max_age>
    <report_uri desc="HPKP's report-uri directive - pin validation failure are reported at this URL"
enable="false"></report_uri>
    <pins desc="Base64 encoded SPKI fingerprints of keys to be pinned">
      <pin></pin>
    </pins>
  </hpkp>
```

</ssl>

- `sudo systemctl restart oxoool`

systemctl restart oxool

- `sudo systemctl restart oxool`

https://yourhostname:9980

- PS `sudo systemctl restart oxool` Nextcloud / ownCloud `sudo systemctl restart oxool` SSL `sudo systemctl restart oxool` OxOOL `sudo systemctl restart oxool`

1. `sudo systemctl restart oxool` richdocument `sudo systemctl restart oxool` FQDN `sudo systemctl restart oxool` IP `sudo systemctl restart oxool`
2. `sudo systemctl restart oxool` Nextcloud / ownCloud `sudo systemctl restart oxool` OxOOL `sudo systemctl restart oxool` SSL `sudo systemctl restart oxool` OxOOL `sudo systemctl restart oxool` `ca_bundle.crt` `sudo systemctl restart oxool` copy `sudo systemctl restart oxool` Nextcloud `sudo systemctl restart oxool` `ca-bundle.crt` `sudo systemctl restart oxool`

[nextcloud `sudo systemctl restart oxool`]/resources/config/ca-bundle.crt

[illegible]

-  0x00L  /etc/oxool/oxoolwsd.xml 

A horizontal number line with a starting point marked by a solid black dot on the left. To the right of this dot are 10 equal intervals, each marked by a vertical tick line. The intervals are currently empty.

```
<host desc="Regex pattern of hostname to allow or deny." allow="true">117\.56\.68\.133</host>
<host desc="Regex pattern of hostname to allow or deny." allow="true">pdf\.nat\.gov\.tw</host>
```

-  OxOOL

```
# systemctl restart oxool
```


CentOS 7 安装 OxOOL

- 本文档适用于 CentOS 7 64位 (x86_64) 系统。CentOS 7 32位 系统无法安装 OxOOL。
安装前请关闭 SELinux 并禁用防火墙。
root

- 安装 OxOOL

```
sudo systemctl stop oxool
sudo systemctl disable oxool
```

- 安装 OxOOL 依赖

```
sudo yum install epel-release -y
sudo yum update -y
sudo yum install git yum-utils libpcap libcap-devel poco-devel ccache python36-polib python36-lxml -y
sudo yum install libtool gcc-c++ fontconfig-devel cppunit-devel pam-devel rpm-build -y
```

- 安装 Node.js

```
curl -fsSL https://rpm.nodesource.com/setup_16.x | sudo bash -
sudo yum install nodejs -y
```

- 克隆 OxOOL 仓库

```
git clone https://github.com/OSSII/oxool-community.git
```

- 安装 OxOOL

```
cd oxool-community
./autogen.sh
./configure
make dist
rpmbuild -tb oxool-x.x.x.tar.gz # 编译并安装
clone 仓库地址 oxool-3.2.11.tar.gz
```

■■■■■■■■

oxool-x.x.x.tar.gz ■■■■■■■■

- ■■■■ rpm ■■■■■■

~/rpmbuild/RPMS/x86_64

■■■■■■■■■■■■■■■■■■

在 Ubuntu 18.04 安裝 OxOOL

- 在 Ubuntu 18.04 安裝 () OxOOL
- 安裝 OxOOL

```
sudo systemctl stop oxool  
sudo systemctl disable oxool
```

- 安裝 git

```
sudo apt install git -y
```

- 克隆 OxOOL 代碼

```
git clone https://github.com/OSSII/oxool-community.git
```

- 在 Ubuntu 18.04 安裝

```
cd oxool-community  
./install_build_require_ubuntu.sh
```

- 安裝 Node.js

```
curl -fsSL https://deb.nodesource.com/setup_16.x | sudo -E bash -  
sudo apt install -y nodejs
```

- 安裝 OxOOL

安裝 oxool-cummmunity 依賴包

```
cd oxool-community  
./autogen.sh # 安裝 fontconfig libfontconfig1-dev Poco libpoco-dev
```

```
make -j2
```

```
[sudo] password for oxoffice:
```

make run

Ready to accept connections on port 9980.

- ☐ OoOOL deb ☐

```
debuild -b -uc -us # [ ] oxool-community [ ] git clean -  
fdx [ ]
```

oxool-community ☐ ☐ ☐ ☐ git clean -

 deb

```
cd ..  
ls oxool_3.x.x-1.community_amd64.deb
```

ls oxool_3.x.x-1.community_amd64.deb

OxOffice Online

CentOS 7

OxOffice Online v4

CentOS 7

root devtoolset-11 GCC GCC 8

```
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 install epel-release -y
sudo yum upgrade -y
sudo yum install git yum-utils libpcap libcap-devel libgit2-devel poco-devel ccache python36-devel python36-
polib python36-lxml -y
sudo yum install libtool gcc-c++ fontconfig-devel cppunit-devel pam-devel rpm-build -y
sudo yum install oxoffice* poco* gumbo* -y
sudo yum install centos-release-scl
sudo yum install devtoolset-11
```

SELinux

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

Node.js

```
curl -fsSL https://rpm.nodesource.com/setup_16.x | sudo bash -
sudo yum install nodejs -y
```

OxOffice Online v4 clone

```
git clone https://github.com/OSSII/oxool-community.git
cd oxool-community
```

git checkout v4

□□ OxOffice Online v4 □□□□□□

[illegible]

```
scl enable devtoolset-11 bash
```

```
./autogen.sh
```

```
./configure
```

```
make dist
```

```
rpmbuild -tb oxool-x.x.x.tar.gz
```

□□□□ RPM □□□□□□□□

```
~/rpmbuild/RPMS/x86_64
```

□□□ RPM □□□□□□□□□□

OxOffice Online

Rocky Linux 8

OxOffice Online v4

Rocky Linux 8 Rocky Linux 8

root

```
sudo dnf config-manager --set-enabled powertools
sudo dnf upgrade -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 install epel-release -y
sudo dnf upgrade -y
sudo dnf install git yum-utils libpcap libcap-devel libgit2-devel poco-devel ccache python3-devel python3-polib
python3-lxml -y
sudo dnf install libtool gcc-c++ fontconfig-devel cppunit-devel pam-devel rpm-build -y
sudo dnf install oxoffice* poco* -y
```

SELinux

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

Node.js

```
sudo dnf module enable nodejs:18 -y
sudo dnf install nodejs -y
```

OxOffice Online v4 clone

```
git clone https://github.com/OSSII/oxool-community.git
cd oxool-community
git switch v4
```

OxOffice Online v4

```

./autogen.sh
./configure
make dist
rpmbuild -tb oxool-x.x.x.tar.gz

```

RPM

```

~/rpmbuild/RPMS/x86_64

```

RPM

OxOffice Online

Ubuntu 20.04

OxOffice Online v4

Ubuntu 20.04 Ubuntu Server 20.04

```
sudo apt update
sudo apt upgrade -y
sudo apt install vim openssh-server net-tools curl git -y
# 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 oxoffice* libpoco-dev
```

```
sudo apt update
sudo apt install -y build-essential libsqlite3-dev libcurl4-openssl-dev libcppunit-dev libcap-dev libcap2-bin libgit2-dev libtool libpng-dev automake m4 wget curl autoconf pkg-config openssl ccache fontconfig libfontconfig1-dev libpam-dev
sudo apt install -y devscripts debhelper dh-systemd dh-exec
sudo apt install -y libodbc1 libpcre16-3 libpcre3-dev libpcre32-3 libpcrecpp0v5
sudo apt install -y hunspell
sudo apt install -y python3-polib python3-lxml
```

Node.js

```
cd ~
curl -fsSL https://deb.nodesource.com/setup_20.x | sudo -E bash -
sudo apt install -y nodejs
```

OxOffice Online v4

clone

```
cd ~  
git clone https://github.com/OSSII/oxool-community.git  
cd oxool-community  
git switch v4
```

OxOffice Online v4

```
debuild -b -uc -us
```


 deb 


```
cd ..  
ls oxool_4.x.x-1.community_amd64.deb
```

DEB

 Node.js/npm

```
cd lleaflet
npm install
cd archived-packages
npm install
cd ..
touch node_modules
```

Rocky Linux 9 

OxOffice Online v4 

root 

SELinux

Node.js

 OxOffice Online v4 clone

```
git clone https://github.com/OSSII/oxool-community.git
cd oxool-community
git switch v4
```

❏ OxOffice Online v4 ❏

```

./autogen.sh
./configure
make dist
rpmbuild -tb oxool-x.x.x.tar.gz

```

❏❏❏❏ RPM ❏❏❏❏❏❏❏❏

```

~/rpmbuild/RPMS/x86_64

```

❏❏ RPM ❏❏❏❏❏❏❏❏

```
sudo dnf config-manager --set-enabled powertools
sudo dnf upgrade -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 install epel-release -y
sudo dnf upgrade -y
sudo dnf install make git yum-utils libpcap libcap-devel libgit2-devel libzstd-devel poco-devel ccache python3-
devel python3-polib python3-lxml -y
sudo dnf install libtool gcc-c++ fontconfig-devel cppunit-devel pam-devel rpm-build -y
sudo dnf install oxoffice* poco* -y
```

```
vim /etc/selinux/config # vim
```

#	SELinux=enforcing	enforcing	disabled	permissive
---	-------------------	-----------	----------	------------

```
sudo dnf module enable nodejs:18 -y
sudo dnf install nodejs -y
```

```
git clone https://github.com/OSSII/oxool-community.git
cd oxool-community
git switch v5
```

 OxOffice Online v5

```
./autogen.sh
```

```
make dist
```

```
rpmbuild -tb oxool-x.x.x.tar.gz
```

```
|||||
```

```
RPM |||||||||
```

```
~/rpmbuild/RPMS/x86_64
```

```
|||
```

```
RPM |||||||||
```

OxOffice Online

Ubuntu 24.04

OxOffice Online v5

Ubuntu 24.04

```
sudo apt update
sudo apt upgrade -y
sudo apt install vim openssh-server net-tools curl git -y
# 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 oxoffice* libpoco-dev libgumbo-dev
```

```
sudo apt update
sudo apt install -y build-essential libsqlite3-dev libcurl4-openssl-dev libcppunit-dev libcap-dev libcap2-bin libgit2-
dev libtool libpng-dev automake m4 wget autoconf pkg-config openssl libgumbo-dev ccache fontconfig
libfontconfig1-dev libpam-dev
sudo apt install -y devscripts debhelper dh-exec
sudo apt install -y libpcre16-3 libpcre3-dev libpcre32-3 libpcrecpp0v5
sudo apt install -y hunspell
sudo apt install -y python3-polib python3-lxml
```

Node.js

```
cd ~
curl -fsSL https://deb.nodesource.com/setup_20.x -o nodesource_setup.sh
sudo -E bash nodesource_setup.sh
sudo apt install -y nodejs
```

OxOffice Online v5

clone

```
cd ~  
git clone https://github.com/OSSII/oxool-community.git  
cd oxool-community  
git switch v5
```

0xOffice Online v5

```
./autogen.sh
debuild -b -uc -us
```

deb

```
cd ..  
ls oxool*.deb
```

□□□ DEB □□□□□□□□

Node.js/npm

```
cd loleaflet
npm install
cd archived-packages
npm install
cd ..
touch node_modules
```

OxOffice Online v4



OxOffice Online Module SDK  OxOffice Online 

OxOOL v4

- 安装 oxool-community 和 oxool
 - 安装 oxool-community 并运行 autogen.sh 和 configure
 - autogen.sh --enable-debug ModuleTesting
 - 使用 rpmbuild 或 debuild 构建 oxool 和 oxool-dev
- 安装 oxool-dev 和 oxool-dev
 - oxool-module-maker

安装 oxool-module-maker

- 安装 oxool-module-maker
 - --module-name=name : 模块名称，格式为 [a-zA-Z0-9_#@]+
 - --serviceURI=serviceURI : 服务 URI，格式为 /oxool/user/ 或 /oxool/user/add 或 /oxool/user/del 或 /oxool/user/update
 - --version=version : 版本号，默认为 "0.0.1"
 - --summary=summary : 摘要，格式为 Summary
 - --description=Description : 描述，格式为 Description
 - --author=author : 作者，格式为 user.name 或 user.email
 - --license=license : 许可证，默认为 MPLv2.0
 - --adminPrivilege=true/false : 管理员权限，默认为 false
 - --adminIcon=icon : 管理员图标，默认为 getbootstrap.com
 - --adminItem=text : 管理员项，默认为 "bug-fill"
 - --template-path=path : 模板路径，默认为 /usr/share/oxool-

devel/module-template

- o --output-path=path : ~
- o

oxool-module-maker --module-name="samplemod" --serviceURI="/oxool/samplemod/" --summary="A sample moudle service on OxOOL" --description="A sample module service on OxOOL" --output-path="/home/oxool/git"

- output-path git repository template-path



- autogen.sh configure Makefile
- make
- oxool-community make run oxool
- ./test.sh < XML > test.sh oxool
ModuleTesting XML ModuleTesting oxool
.so .libs/ .so serviceURI
http://127.0.0.1:9980/oxool/samplemod/
- test.sh .so oxool

OxOOL

OxOOL

OxOOL

oxool-module-maker oxool-dev

- ModuleConfiguration.md :
module.xml.in : configure XML oxool-module-maker XML
ModuleConfiguration.md autogen.sh configure
module.spec.in : rpm spec
debian/* : deb
admin/* : module.xml.in
<adminItem> oxool-module-maker --adminItem
README.md
src/* : C++ .so OxOOL
html/* : C++
index.html
test.sh : XML OxOOL

OxOOL C++

oxool-module-maker src Module.cpp

- getVersion() :
initialize() :
handleRequest() : Client
handleAdminRequest() :
handleAdminMessage() : websocket

OxOffice Online

OxOOL /etc/oxool/oxoolwsd.xml

```
<allowed_languages>
  de_DE en_GB en_US es_ES fr_FR it nl pt_BR pt_PT ru
</allowed_languages>

<sys_template_path>
  systemtemplate
  LibreOfficeKit LibreOffice
</sys_template_path>

<child_root_path>
  child_root_path
  chroot jails systemtemplate
</child_root_path>

<mount_jail_tree>
  true
  systemtemplate lotemplate
</mount_jail_tree>

<server_name>
  oxoolwsd
  OxOOL
</server_name>

<client_port_number>
  9980
  OxOOL
</client_port_number>

<file_server_root_path>
```

```
<file_server_root_path>  
    <loleaflet../  
        root  
        loleaflet  
</file_server_root_path>  
  
<hexify_embedded_urls>  
    false  
    URL  
</hexify_embedded_urls>  
  
<convert_to>  
    false  
</convert_to>  
  
<mempportion>  
    80.0  
    OxOffice  
</mempportion>  
  
<num_prespawn_children>  
    1  
</num_prespawn_children>  
  
<per_document>  
    OxOffice  
</per_document>  
  
<max_concurrency>  
    8  
</max_concurrency>  
  
<batch_priority>  
    5  
    convert-to  
</batch_priority>  
  
<document_signing_url>  
    URL
```

</document_signing_url>

<redlining_as_comments>

☐ true

☐ true☐

</redlining_as_comments>

<idle_timeout_secs>

☐ 3600

☐ 1☐

</idle_timeout_secs>

<idlesave_duration_secs>

☐ 1800

☐ 30☐ 0☐

</idlesave_duration_secs>

<autosave_duration_secs>

☐ 1800

☐ 300☐ 0☐

</autosave_duration_secs>

<always_save_on_exit>

☐ false

☐ false☐

</always_save_on_exit>

<limit_virt_mem_kb>

☐ 0

☐ 0☐ 1700kb☐

</limit_virt_mem_kb>

<limit_stack_mem_kb>

☐ 8000

☐ stack☐ 0☐

</limit_stack_mem_kb>

<limit_file_size_mb>

☐ 0

☐ 0☐

</limit_file_size_mb>

<limit_num_open_files>

0

0

</limit_num_open_files>

<limit_load_secs>

100

0

</limit_load_secs>

<limit_convert_secs>

100

0

</limit_convert_secs>

<cleanup>

false

LibreOfficeKit

<cleanup_interval_ms>

10000

</cleanup_interval_ms>

<bad_behavior_period_secs>

60

LibreOfficeKit

</bad_behavior_period_secs>

<idle_time_secs>

300

</idle_time_secs>

<limit_dirty_mem_mb>

3072

MB

</limit_dirty_mem_mb>

<limit_cpu_per>

85

CPU

</cleanup>

<per_view>

<out_of_focus_timeout_secs>


<idle_timeout_secs>

[illegible] loleaflet.html

</loleaflet_html>

☐ true

</color>

 warning

- notice
- information
- debug
- trace

<protocol>

☐ false

<anonymize_user_data>

☐ false

☐

false

</anonymize_user_data>

<anonymization_salt>

☐ 82589933

☐

salt☐ 64 ☐

</anonymization_salt>

</anonymize>

</logging>

<lleaflet_logging>

☐ false

☐

</lleaflet_logging>

<trace_event>

☐ false

☐ Chrome Trace Event ☐

<path>

☐

☐

</path>

</trace_event>

<trace>

☐ false

☐

<path>

☐

☐

</path>

<filter>

<message>

☐

☐

</message>

</filter>

<outgoing>

<record>

☐ false

☐

</record>

</outgoing>

</trace>

<net>

☐

<proto>

☐ all

☐ IPv4 ☐ IPv6 ☐

</proto>

<listen>

☐ any

☐ any ☐ loopback ☐

</listen>

<service_root>

☐

☐ websocket ☐

</service_root>

<proxy_prefix>

☐ false

☐ ProxyPrefix ☐

</proxy_prefix>

<post_allow>

☐ true

☐ POST(REST) ☐ IP ☐

<host>

☐

192\.168\[0-9]{1,3}\.[0-9]{1,3}

::ffff:192\.168\[0-9]{1,3}\.[0-9]{1,3}

127\.0\.0\.1

</key_file_path>

```
<ca_file_path>
    /etc/oxool/ca-chain.cert.pem
    ca 
</ca_file_path>

<cipher_list>
    ALL:!ADH:!LOW:!EXP:!MD5:@STRENGTH
    OpenSSL 
</cipher_list>

<hpkp>
    HPKP
    <max_age>
        1000
        HPKP max-age  pins 
    </max_age>
    <report_uri>
        HPKP report-uri  pin  URL
    </report_uri>
    <pins>
        pin  Base64  SPKI 
    </pin></pins>
</hpkp>
</ssl>
```

```
<security>
    <seccomp>
        true
        seccomp  filtering
    </seccomp>
```

```
<capabilities>
    true
    chroot jails 
</capabilities>
```

```
<jwt_expiry_sec>
```

```

    <int> 1800
    <string> JWT <string>
</jwt_expiry_sec>

<enable_macros_execution>
    <bool> false
    <string> Basic <string> Beanshell <string> JavaScript <string> Python <string> false<string>
    macro_security_level <string> true<string>
</enable_macros_execution>

<macro_security_level>
    <int> 1
    <string> 1<string> 0
    <string>
</macro_security_level>

<enable_metrics_unauthenticated>
    <bool> false
    <string> /oxool/getMetrics <string>
</enable_metrics_unauthenticated>
</security>

<watermark>
    <string>
    <editing>
    <bool> false
    <string>
    </editing>

    <printing>
    <bool> false
    <string> PDF <string>
    </printing>

    <opacity>
    <float> 0.2
    <string> 0.0 <float> 1.0
    </opacity>

    <angle>
```

45

#000000

false

false

false

false

</enable>

</enable_button>

lleaflet/welcome

</path>

```
<user_interface>
```

□□□	600
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☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ PDF ☐ ☐ ☐ ☐ ☐ DPI ☐

</pdf_viewer_resolution_dpi>

☐ ☐ ☐ false

Nextcloud Office

</use_integration_theme>

</user_interface>

```
<filesystem>
```

☐ ☐ ☐ false

00000000	OxOffice Online	00000000000000000000000000000000	false
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☐ true

webdav wopi storage webdav

<host>

true:

localhost

127\0\0\1

10\.[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}

172\1[6789]\.[0-9]{1,3}\.[0-9]{1,3}

172\2[0-9]\.[0-9]{1,3}\.[0-9]{1,3}

172\3[01]\.[0-9]{1,3}\.[0-9]{1,3}

192\168\.[0-9]{1,3}\.[0-9]{1,3}

false:

192\168\1\1

www.ossii.com.tw wopi host IP IP . \

www.ossii.com.tw wopi host www\ossii\com\tw

</host>

<max_file_size>

0

0

</max_file_size>

<reuse_cookies>

false

cookies WOPI

</reuse_cookies>

<locking>

<refresh>

900 15 0

</refresh>

</locking>

</wopi>

<webdav>

false

webdav storage wopi

<host>

```

    <localhost> false: localhost
    <webdav_host> <webdav_host> IP <webdav_host> IP <webdav_host> .<webdav_host> \
    <webdav_host> www.ossii.com.tw<webdav_host> webdav host <webdav_host> www\ossii\com\tw<webdav_host>
</host>
</webdav>
<ssl>
    <OxOfficeOnlineSSL> OxOffice Online <SSL>
    <as_scheme>
    <as_scheme> true
    <as_scheme> WOPI URI <as_scheme> SSL <as_scheme>
</as_scheme>
    <enable>
    <enable> false
    <enable> SSL <enable>
</enable>

    <cert_file_path>
    <cert_file_path> /etc/oxool/cert.pem
    <cert_file_path>
</cert_file_path>

    <key_file_path>
    <key_file_path> /etc/oxool/key.pem
    <key_file_path>
</key_file_path>

    <ca_file_path>
    <ca_file_path> /etc/oxool/ca-chain.cert.pem
    <ca_file_path> ca <ca_file_path>
</ca_file_path>

    <cipher_list>
    <cipher_list> ALL:!ADH:!LOW:!EXP:!MD5:@STRENGTH
    <cipher_list> OpenSSL <cipher_list>
</cipher_list>
</ssl>
</storage>

    <tile_cache_persistent>
    <tile_cache_persistent> true

```

session

tile cache

</tile_cache_persistent>

<admin_console>

OxOffice Online

http(s)://youroxoolip:9980/loleaflet/dist/admin/admin.html

<enable>

true

</enalbe>

<enable_pam>

false

PAM

</enalbe_pam>

<username>

admin

PAM

</username>

<password>

@administrator1

PAM oxoolconfig

</password>

</admin_console>

<monitors>

</monitors>

OxOffice Online

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 OxOffice Online 

您確定要重新啟動線上服務嗎？

取消

確定

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管理主控臺

概覽

分析

目 誌

 字型管理

版本：4.0.0(community)
核心：OxOffice R9S7(9.7.1-1)

Diagram illustrating the distribution of 1000 nodes across different components:

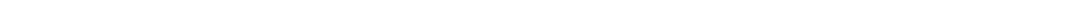
- Top row: 1000 nodes (represented by 1000 small squares).
- Bottom row: 1000 nodes (represented by 1000 small squares) distributed across several components:
 - OxOffice Online (100 nodes)
 - OxOffice (100 nodes)
 - Other components (800 nodes)

線上使用者		開啟的文件		消耗的記憶體		已傳送的流量		已接收的流量		服務時間	
0		0		300.0 MB		20.2 MB		590.0 kB		115:51 小時	
開啟的文件		線上使用者									
	開啟者	PID	文件	消耗的記憶體		經過的時間		閒置時間		最後修改	

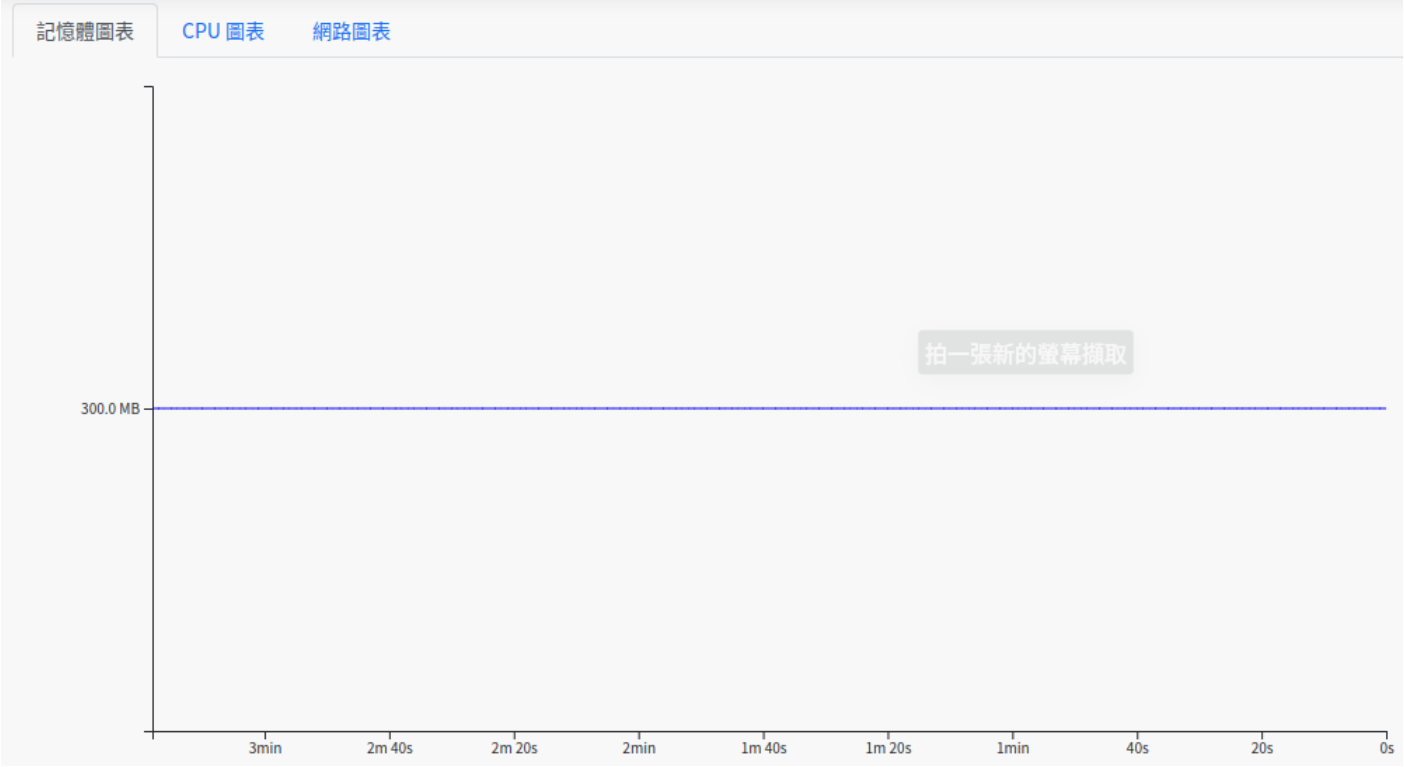
[illegible]

Diagram illustrating the instruction format (32 bits):

- Opcode (5 bits)
- Register identifier (10 bits):
 - Register file address (5 bits, Rn[4:0])
 - Register file index (5 bits, Rn[9:5])
- Immediate value (17 bits):
 - Sign-extended immediate (10 bits, imm[16:7])
 - Constant (7 bits, imm[6:0])

[illegible]


 Türkiye Cumhuriyeti
 Millî Eğitim Bakanlığı
 Türkiye Cumhuriyeti
 Millî Eğitim Bakanlığı



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CPU

CPU

CPU



無

設定紀錄層級

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523</
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更新紀錄層級

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||||| |||| OxOffice Online |||||

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☐ 全選

5個檔案10個字型

檔案名稱	字型名稱 (預覽)	樣式	彩色字型	符號字型
<input type="checkbox"/> kaiu.ttf	標楷體	Regular		
<input type="checkbox"/> mingliu.ttc	MingLiU	Regular		
	PMingLiU	Regular		
	MingLiU_HKSCS	Regular		
<input type="checkbox"/> msjh.ttc	Microsoft JhengHei	Regular		
	Microsoft JhengHei UI	Regular		
<input type="checkbox"/> msjhbd.ttc	Microsoft JhengHei	Félkövér		
	Microsoft JhengHei UI	Félkövér		
<input type="checkbox"/> msjhl.ttc	微軟正黑體 Light	Regular		
	Microsoft JhengHei UI Light	Regular		

Online



OxOffice