

# 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

- OXOffice Online ☐☐☐☐

-  OoL SSL 
-  Nextcloud  OoL

- 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 ☐☐

- OxOffice Online v4 [ ] [ ] [ ] [ ]

- OxOOL v4 [ ] [ ] [ ] [ ] [ ] [ ]

- OxOOL [ ] [ ] [ ] [ ] [ ] [ ]

- OxOffice Online [ ] [ ] [ ] [ ]

- OxOffice Online [ ] [ ] [ ] [ ] [ ] [ ]

# OxOffice Online



XXXXXXXXXXXX OxOffice Online (OxOOL) XX

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

# CentOS 7 安裝說明 ( 繁體中文 )

- 本文提供 CentOS 7 安裝說明，2009 年 [Minimal](#) [Desktop](#) - 繁體中文 CentOS 安裝 [1] [2] [3]

安裝環境 IP 地址

- 以 root 身份執行 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 編輯器
# 關閉 SELinux=enforcing 改為 enforcing 關閉 disabled 改為 permissive 關閉
```

- 關閉 firewalld 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 OxOOL 後，以 root 身份執行 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
```

□□□□□□□□□□□□□□□□

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

# 安裝 Ubuntu 18.04 伺服器 (64 位元)

- 選擇 Ubuntu 18.04 64 位元 Server 安裝 64 位元 Desktop [1] [2]

選擇 IP 地址 [3]

- 選擇 User 名稱 OxOOL Community

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

```
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

```
systemctl enable oxool
reboot
```

- 安裝 OxOOL Community 安裝

```
netstat -tlnp
```

安裝

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

→ 安裝

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 安装指南

# CentOS 7 安装 OxOffice Online v4

安装环境: CentOS 7 64位 Minimal  
安装用户: root  
安装命令: 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 禁用 disabled 宽松 permissive 宽松
```

安装 OxOffice Online 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
```


安装 netstat 服务 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 

 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	centos-7-default_20190926_amd64.tar.xz		
 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	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 ☐



# 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



 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	rockylinux-8-default_20210929_amd64.tar.xz		
 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	oxoolonrockylinux8
memory	2048
net0	name=eth0,bridge=vbr0,firewall=1,ip6=dhcp,ip=dhcp
nodename	pvetest
ostemplate	local:vztmpl/rockylinux-8-default_20210929_amd64.tar.xz
pool	
rootfs	PVE3:8
swap	2048
unprivileged	1
vmid	127

☐ 建立完成後開機

進階 ☐

返回

完成



# 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 [ ] [ ] [ ] [ ]

netstat -xOOL

0x00L






# 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 at the left end. To the right of this dot are 11 vertical tick marks, creating 11 equal intervals. No numbers are written on the line.

```
<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
```

# OxOffice Online



□□□□

GitHub

□□□□

OxOffice Online

□□□□□□□□□□□□□□

OxOffice

# CentOS 7 安装 OxOOL

- 1. 安装 CentOS 7 (64位) 并安装 OxOOL  
安装 SELinux 并设置 SELinux 为 permissive 模式  
root
- 2. 安装 OxOOL

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

- 3. 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
```

- 4. 安装 Node.js

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

- 5. 克隆 OxOOL 仓库

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

- 6. 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 上安装 OxOOL

- 本文档适用于 Ubuntu 18.04 LTS (Bionic Beaver) 系统。Ubuntu 18.04 上安装 OxOOL 的步骤如下。
- 安装 OxOOL 前需要安装一些依赖包。

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

- 安装 git 工具。

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

- 克隆 OxOOL 社区仓库。

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

- 进入 Ubuntu 18.04 安装目录。

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

- 安装 Node.js。

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

- 安装 OxOOL 社区仓库。

安装 oxool-cummmunity 依赖包

```
cd oxool-community  
./autogen.sh # 安装依赖包: fontconfig, libfontconfig1-dev, Poco, libpoco-dev
```

```
make -j2
```

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

[illegible]

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* gumbo* -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 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 curl autoconf pkg-config openssl libgumbo-dev 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_lts.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
```

[illegible]

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

DEB

Node.js/npm

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

[illegible]



❏ OxOffice Online v4 ❏

```

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

```

❏❏❏❏ RPM ❏❏❏❏❏❏❏❏

```

~/rpmbuild/RPMS/x86_64

```

❏❏ RPM ❏❏❏❏❏❏❏❏

# OxOffice Online v4



OxOffice Online Module SDK  OxOffice Online 



# OxOOL v4

## 

- `oxool-community` `oxool`
  - `autogen.sh` `configure` `autogen.sh` `--enable-debug` `ModuleTesting`
  - `rpmbuild` `debuild` `oxool` `oxool-dev`
- `oxool-dev` `oxool-dev` `oxool-module-maker`

## oxool-module-maker

## 

- `oxool-module-maker`
  - `--module-name=name` : `^[w\@#]+$` `0-9` `#` `@` `'-'`
  - `--serviceURI=serviceURI` : `/` `"/oxool/user/"` `/oxool/user/add` `/oxool/user/del` `/oxool/user/update` `/`
  - `--version=version` : `"0.0.1"`
  - `--summary=summary` : `Summary` `rpm`
  - `--description=Description` : `Description` `deb`
  - `--author=author` : `git` `user.name` `user.email`
  - `--license=license` : `MPLv2.0`
  - `--adminPrivilege=true/false` : `admin` `false`
  - `--adminIcon=icon` : `getbootstrap.com` `"bug-fill"`
  - `--adminItem=text` :
  - `--template-path=path` : `/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
</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

</limit\_cpu\_per>

</cleanup>

</per\_document>

<per\_view>

████████████████████

<out\_of\_focus\_timeout\_secs>

██ 60

██

</out\_of\_focus\_timeout\_secs>

<idle\_timeout\_secs>

██ 900

██

</idle\_timeout\_secs>

</per\_view>

<loleaflet\_html>

██ loleaflet.html

██ OxOffice Online

██

/usr/share/oxool/loleaflet/dist/

</loleaflet\_html>

<logging>

██████████████████

<color>

██ true

██████████████████

</color>

<level>

██ warning

██████ level██████ 0-8██████ none██████ fatal| critical| error| warning

| notice| information| debug| trace|

</level>

<protocol>

██ false



XXXXXXXXXXXXXXXXXXXX

JavaScript XXXXXXXXXXXXXXXXXXXX

</protocol>

<lokit\_sal\_log>

XXX -INFO-WARN

XXXXXX

LibreOfficeKit XXXXXXXXXXXXXXX

LibreOfficeKit XXXXXXX

</lokit\_sal\_log>

<file>

XXXXXXXXXXXXXXXXXXXX

<property name="path">

XXX /var/log/oxoolwsd.log

XXX OxOffice Online XXXXXX

<property name="rotation">

XXX daily

XXXXXX

rotation XXXXXXX

Poco [ FileChannel XXX

<property name="archive">

XXX timestamp

XXXXXXXXXXXXXXXXXXXX

(timestamp) XXX (number)X

<property name="times">

XXX local

XXXXXX

rotation XXXXXXX

(local) [ UTC XXXXXXX

local [ utcX

<property name="compress">

XXX true

XXXXXXXXXXXXXXXXXXXX

<property name="purgeAge">

XXX 30 days

XXXXXXXXXXXXXXXXXXXX

Poco [ FileChannel XXX

<property name="purgeCount">

XXX 100

XXXXXXXXXXXXXXXXXXXX

none XXXXXXXXXXXXXXX

Poco [ FileChannel XXX

<property name="rotateOnOpen">

XXX true

XXXXXXXXXXXXXXXXXXXX

rotation XXXX

<property name="flush">

XXX false

XXXXXXXXXXXXXXXXXXXX

log XXX

flush XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

log

XXXXXXXXXXXXXXXXXXXX

</file>

<anonymize>

<anonymize\_user\_data>

☐ false

☐

false

</anonymize\_user\_data>

<anonymization\_salt>

☐ 82589933

☐

salt☐ 64 ☐

</anonymization\_salt>

</anonymize>

</logging>

<loleaflet\_logging>

☐ false

☐

</loleaflet\_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

::ffff:127\0\0\0\1

::1

172\17\0-91,3\0-91,3

::ffff:172\17\0-91,3\0-91,3

</host>

</post\_allow>

<frame\_ancestors>

OXOffice Online iframe oxoolwsd WOPI host

</frame\_ancestors>

<connection\_timeout\_secs>

30

oxoolwsd WOPI

</connection\_timeout\_secs>

</net>

<ssl>

OXOffice Online SSL

<enable>

false

SSL

</enable>

<termination>

true

true

</termination>

<cert\_file\_path>

/etc/oxool/cert.pem

</cert\_file\_path>

<key\_file\_path>

/etc/oxool/key.pem

</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>
```

&lt;/jwt\_expiry\_sec&gt;

```
<enable_macros_execution>
```

☐ false

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ Basic ☐ Beanshell ☐ JavaScript ☐ Python ☐ ☐ ☐ ☐ ☐ ☐ false ☐ ☐ ☐ ☐

macro\_security\_level [ ] true [ ]

&lt;/enable\_macros\_execution&gt;

<macro\_security\_level>

1

0

&lt;/macro\_security\_level&gt;

```
<enable_metrics_unauthenticated>
```

☐ ☐ ☐ false

```

[ ] [ ] [ ] [ ] [ ] [ ] /oxool/getMetrics [ ] [ ] [ ] [ ] [ ] [ ]

```

&lt;/enable\_metrics\_unauthenticated&gt;

&lt;/security&gt;

<watermark>

<editing>

☐ ☐ ☐ false

</editing>

<printing>

☐ ☐ ☐ false

PDF GENERATED BY 

&lt;/printing&gt;

<opacity>

0.2

0.0 1.0

&lt;/opacity&gt;

<angle>

☐ 45

☐

</angle>

<font>

☐

☐

</font>

<color>

☐ #000000

☐

</color>

<bold>

☐ false

☐

</bold>

<italic>

☐ false

☐

</italic>

<outline>

☐ false

☐

</outline>

<shadow>

☐ false

☐

</shadow>

<text>

☐

☐

</text>

</watermark>



&lt;/enable&gt;

[illegible]

&lt;/enable\_button&gt;

lleaflet/welcome

&lt;/path&gt;

```
<user_interface>
```

□□□	600
-----	-----

PDF DPI

</pdf\_viewer\_resolution\_dpi>

☐ ☐ ☐ false

Nextcloud Office 

&lt;/user\_interface&gt;

<filesystem>

☐ false

00000000	OxOffice Online	00000000000000000000000000000000	false
----------	-----------------	----------------------------------	-------

<wopi>

 true



webdav storage 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

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>

```

    <false> localhost
    <webdav_host> <IP> <IP> .\
    <webdav_host> www.ossii.com.tw <webdav_host> www.ossii.com.tw
  </host>
</webdav>
<ssl>
  <OxOfficeOnline> <SSL>
    <as_scheme>
      <true>
        <WOPI_URI> <SSL>
      </as_scheme>
    <enable>
      <false>
        <SSL>
      </enable>

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

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

  <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 

您確定要重新啟動線上服務嗎？

取消

確定


--	--	--

## 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)

The diagram illustrates the distribution of 1000 nodes between two systems. On the left, a horizontal bar represents the total of 1000 nodes, divided into two segments: a larger segment for OxOffice Online (100 nodes) and a smaller segment for OxOffice (900 nodes). To the right, a detailed view shows the OxOffice Online segment further divided into 10 smaller units, each containing 10 nodes, totaling 100 nodes. The OxOffice segment is represented by a single block of 900 nodes.


 Türkiye Cumhuriyeti  
 Millî Eğitim Bakanlığı  
 Türkiye Cumhuriyeti  
 Millî Eğitim Bakanlığı

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
--	-----	-----	----	--------	-------	------	------

The diagram illustrates the evolution of the 'OxOffice Online' logo through a grid of 12 examples, arranged in 3 rows and 4 columns. The logos are as follows:

- Row 1:
  - 1999: OxOffice
  - 2000: OxOffice
  - 2001: OxOffice Online
  - 2002: OxOffice Online
- Row 2:
  - 2003: OxOffice Online
  - 2004: OxOffice Online
  - 2005: OxOffice Online
  - 2006: OxOffice Online
- Row 3:
  - 2007: OxOffice Online
  - 2008: OxOffice Online
  - 2009: OxOffice Online
  - 2010: OxOffice Online

The logos show the progression from 'OxOffice' to 'OxOffice Online' and the addition of 'Office' to 'OxOffice' over time.

[illegible]

The diagram illustrates three different memory layouts for a process. Each layout consists of a header section and a data section. The first layout shows a header with 'PID' and 'PID' fields, and a data section with 'PID' and 'PID' fields. The second layout shows a header with 'PID' and 'PID' fields, and a data section with 'PID' and 'PID' fields. The third layout shows a header with 'PID' and 'PID' fields, and a data section with 'PID' and 'PID' fields.

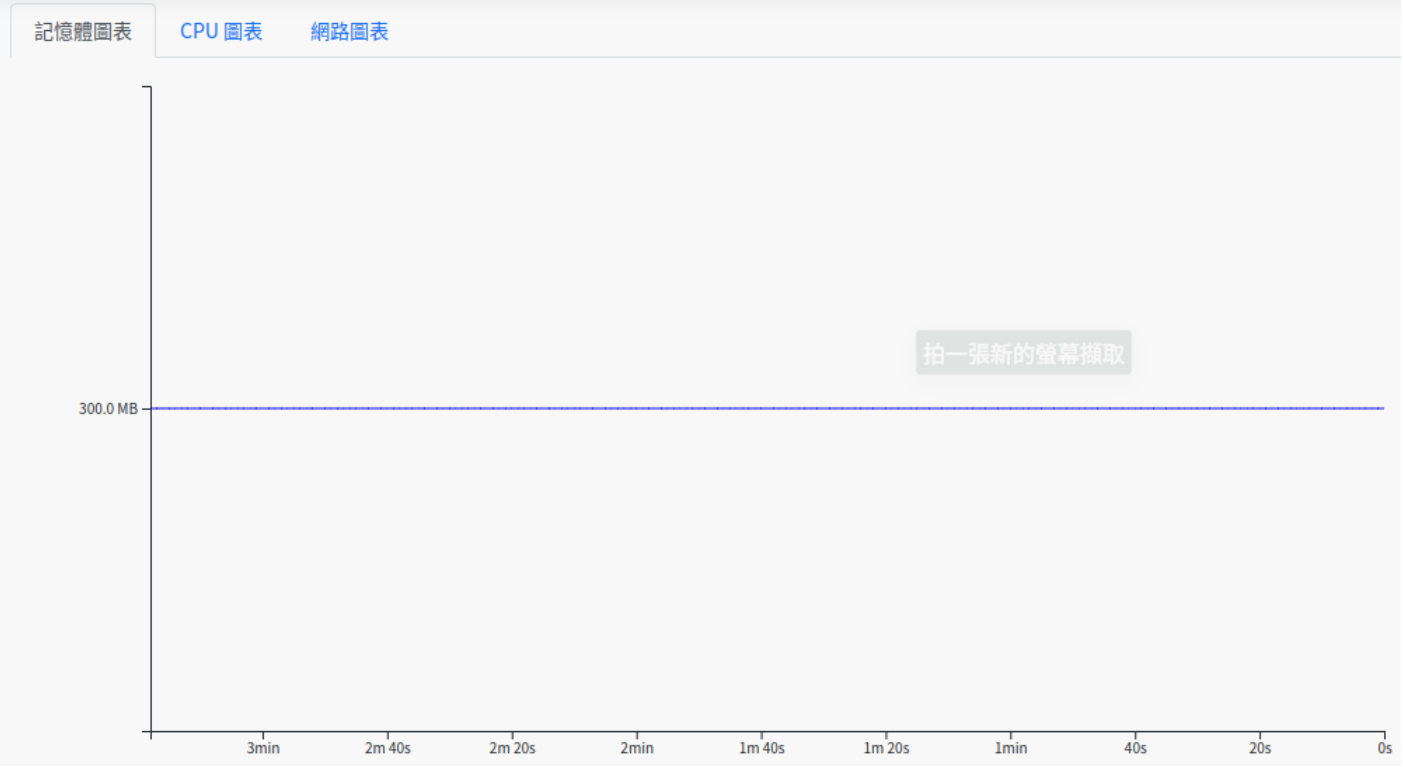
[illegible]







 Türkiye Cumhuriyeti  
 Millî Eğitim Bakanlığı  
 Türkiye Cumhuriyeti  
 Millî Eğitim Bakanlığı



0s  
1min 1

CPU

CPU

CPU



無

## 設定紀錄層級

© 2015 Pearson Education, Inc. or its affiliate(s). All rights reserved. This material is intended solely for the personal use of the individual user and is not to be disseminated broadly.

[illegible][illegible]

×

▼

▼

更新紀錄層級

--	--	--	--	--	--

--	--	--	--	--

--	--	--	--

5 個檔案 10 個字型

Online

