

OxOffice Online

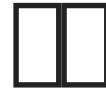


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- [□□□□ OxOOL SSL □□](#)
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OxOOL SSL



OxOOL

SSL

hostname

- [SSL For Free](#) [SSL](#) [Let's Encrypt](#)

- OxOOL `/etc/oxool/ssl`
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- o `ca_bundle.crt`
- o `certificate.crt`
- o `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>
```

- [redacted] OxOOL [redacted] SSL [redacted] OxOOL [redacted]

```
# systemctl restart oxool
```

- [redacted]

```
https://yourhostname:9980
```

- PS [redacted] Nextcloud / ownCloud [redacted] SSL [redacted] OxOOL [redacted]

1. [redacted] richdocument [redacted] FQDN [redacted] IP [redacted]
2. [redacted] Nextcloud / ownCloud [redacted] OxOOL [redacted] SSL [redacted] OxOOL [redacted] ca_bundle.crt [redacted] copy [redacted] Nextcloud [redacted] ca-bundle.crt [redacted]

```
[nextcloud[redacted]]/resources/config/ca-bundle.crt
```



Nextcloud



OxOOL



demo

Private IP



- IP / FQAN (117.56.68.133 / odf.nat.gov.tw)
- Nextcloud OxOOL

- OxOOL /etc/oxool/oxoolwsd.xml

```
<wopi desc="Allow/deny wopi storage. Mutually exclusive with webdav." allow="true">
<host desc="Regex pattern of hostname to allow or deny." allow="true">localhost</host>
<host desc="Regex pattern of hostname to allow or deny."
allow="true">10\.[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}</host>
<host desc="Regex pattern of hostname to allow or deny."
allow="true">172\.[0-9]{1,3}\.[0-9]{1,3}</host>
<host desc="Regex pattern of hostname to allow or deny." allow="true">172\.[0-9]{1,3}\.[0-9]{1,3}</host>
<host desc="Regex pattern of hostname to allow or deny." allow="true">172\.[0-9]{1,3}\.[0-9]{1,3}</host>
<host desc="Regex pattern of hostname to allow or deny." allow="true">172\.[0-9]{1,3}\.[0-9]{1,3}</host>
<host desc="Regex pattern of hostname to allow or deny." allow="true">172\.[0-9]{1,3}\.[0-9]{1,3}</host>
<host desc="Regex pattern of hostname to allow or deny." allow="true">172\.[0-9]{1,3}\.[0-9]{1,3}</host>
<host desc="Regex pattern of hostname to allow or deny." allow="true">172\.[0-9]{1,3}\.[0-9]{1,3}</host>
<host desc="Regex pattern of hostname to allow or deny." allow="true">117\.[0-9]{1,3}\.[0-9]{1,3}</host>
<host desc="Regex pattern of hostname to allow or deny." allow="true">odf\.nat\.gov\.tw</host>
<host desc="Regex pattern of hostname to allow or deny." allow="false">192\.[0-9]{1,3}\.[0-9]{1,3}</host>
<max_file_size desc="Maximum document size in bytes to load. 0 for unlimited."
type="uint">0</max_file_size>
</wopi>
```

-

```
<host desc="Regex pattern of hostname to allow or deny." allow="true">117\.[0-9]{1,3}\.[0-9]{1,3}</host>
<host desc="Regex pattern of hostname to allow or deny." allow="true">odf\.nat\.gov\.tw</host>
```

- OxOOL

```
# systemctl restart oxool
```