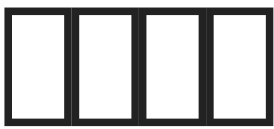
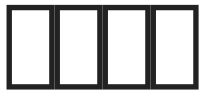


OxOffice Online



□ OxOffice Online □□□□□□□□

- □□□ □ OxOOL SSL □□
- □□□□ □ Nextcloud □□ □ OxOOL



OxOOL SSL

OxOOL
SSL

SSL
SSL

hostname

- 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 oxoool
```

- `https://yourhostname:9980`

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

- PS `Nextcloud / ownCloud` `SSL` `OxOOL`

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

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



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

- ```
<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\.1[6789]\.[0-9]{1,3}\.[0-9]{1,3}</host>
<host desc="Regex pattern of hostname to allow or deny." allow="true">172\.2[0-9]\.[0-9]{1,3}\.[0-
9]{1,3}</host>
<host desc="Regex pattern of hostname to allow or deny." allow="true">172\.3[01]\.[0-9]{1,3}\.[0-
9]{1,3}</host>
<host desc="Regex pattern of hostname to allow or deny." allow="true">192\.168\.[0-9]{1,3}\.[0-
9]{1,3}</host>
<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">odf\.nat\.gov\.tw</host>
<host desc="Regex pattern of hostname to allow or deny." allow="false">192\.168\.1\.1</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\56\68\133</host>
<host desc="Regex pattern of hostname to allow or deny." allow="true">odf\.nat\.gov\.tw</host>
```

- 0x00L

```
# systemctl restart oxool
```