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1. Citrix **Secure Gateway**: ? XenApp ?????
2. **Certificate Service**: ? Windows 2K3 Server ????
3. Web Interface/Secure Gateway ????? **FQDN** ?????????????????????????????? xapp.osslab.com.tw?

### ?? Secure Gateway

1. ?????? Secure Gateway/Windows/CSG\_GWY.msi
2. Installation mode: Secure Gateway
3. Account: NETWORK SERVICE
4. ??????????????????

### ?? Certificate Service

Windows > ??? > ?????? > Windows ?? > Certificate Service

- ??????: ??????????????????
- ?? ?? CA (???? CA ?????????????????????????????? osslab????????? Root ??)
- ??: ?????? IIS ???? Yes
- ??: ?????? ASP ???? Yes
- ???? Windows

### ?? IIS ? SSL port

IIS ??? > ???? > ??

- ?? > TCP ????: 80?SSL ????: 444 (?????????? 443)

### ?? Server & CARoot Certificate

???

- ? IIS ?????? Server Certificate ?????????????? CARoot ?????????????????? CARoot Certificate?
- Server Certificate ?????? Secure Gateway ??????
- Server ?????????????????????????????????? Server & CARoot Certificate?
- CARoot ?????????????????????????????? Certificate Service ??????

### 1. ?? IIS ????????????

IIS ??? > ???? > ?? > ?????? > ??????

1. ?????? (?????????????????????????????????)
2. ??????: citrix-xenapp
3. ??/??: osslab
4. ??????: ?????? xapp.osslab.com.tw (\*??\*???? FQDN ?????????????? URL ??)
5. ??/?/??: ??
6. ???? C:\certreq.txt

## 2. ?? Windows ??????????????????

?????? > [CA ?????]

- ????? > ????? > ?? C:\certreq.txt
- ????? > ?????????
- ?????? > Server ?????????? > ?? > ????? > ????? > DER ??... > C:\xapp-SERVER.cer

## 3. ?? IIS Server ??

IIS ??? > ????? > ?? > ?????? > ?????? >

1. ????????????? (PS. ?????????????????????)
2. ?? C:\xapp-SERVER.cer

## ?? CARoot Certificate

????? Server ?????????? CARoot ??????????????????

?????? > [CA ?????] > ?? > ?? > ?????(???)????????? #0?#1??? #1 > ????? > ????? > ?????? C:\xapp-ROOT.cer

## ?? Web Interface

Web Interface Management > XenApp Web Sites >

> Site URL https://xapp.osslab.com.tw:444/Citrix/XenApp (PS. ??? IIS ? SSL ???????????????? http > https????? ??????????? URL)

> Secure Access (???)

- Default?type ?? Gateway direct
- Address(FQDN): xapp.osslab.com.tw?port: 443?Enable session reliability: ??
- Secure Ticket Authority URLs > Add
  - ? ?? http://xapp.osslab.com.tw:8080/scripts/ctxsta.dll (\*??\*)
  - PS. ??? 8080 ?? XML port
  - ? Use for load balancing (??????)
- ????? LAN ?????type ? Direct ??????\*??\*

## ?? Secure Gateway

Secure Gateway Configuration Wizard >

1. Configuration type: standard
2. Select a server certificate: ?? view ??????? server ?????? (PS. ?????????? server ??????????)
3. Monitor all IPv4 addresses ???TCP port:443
4. Outbound connections: No outbound traffic restrictions
5. Add STA(Secure Ticket Authority) \*??\*
  - ? FQDN: xapp.osslab.com.tw
  - ? Path: /Scripts/CtxSTA.dll
  - ? Secure traffic between the STA and the secure gateway ??
  - ? Use default: ??
  - ? TCP port: 8080 (PS. ??? XML port ??)

- ? ? OK ?????????????? ID
- ? ?:???? the Secure Ticket Authority specified cannot be contacted \*??\*
- 1. ?? FQDN ????????
- 2. ?? XML port ????
- 3. ????? NAT?FQDN ??? IP ????? IP????? DNS server????? c:\windows\system32\drivers\etc\hosts

- 6. Access options:
  - ? Indirect
  - ? Installed on this computer
  - ? TCP port: 80 (PS. ??? Web Interface ? port???? 80)

?????????

???? 443 port ??

?IP:443 -> ?IP(Secure Gateway):443

?????

- ?? Firefox 13, Internet Explorer 8, Chrome 20
- ????????? FQDN???????????????? DNS Server?????????
- C:\Windows\System32\Drivers\etc\hosts
- ?????? Root ?? C:\xapp-ROOT.cer

Windows

?? CARoot ??  
Firefox 13)

1. Firefox > ?? > ?? > ?? > ?????? > ??? > ?? xapp-ROOT.cer (PS. IE ? Chrome ??????)
2. Firefox > ?? > ?? > ?? > ?????? > ??? > ????????? > ????  
? ?? : ?????????  
? ??????????: ?? ??? "????????????"
3. Firefox > ?????? CitrixReceiver?<http://www.citrix.com/English/ps2/pr...tentID=1689163> (PS. ?????? ? XenApp ?????? Plugin)
4. Firefox > URL <https://xapp.osslab.com.tw>?????????????????
5. ?????? Windows????? > ?? xapp-ROOT.cer > ??? ???? > ??? > ?  
? ??????????????????????

TIPS?

- Firefox ?????? Root ??????????????????????"?????????"
- Windows ?????? Root ??????????????????????
- SSL ?? 61 ??????????????????....

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- Secure Gateway Management Console > Session Information ??????????????????????????????

SSL ???

- ? LAN ?????? xapp.ossllab.com.tw ????? IP???????? HTTP(80) ? HTTPS(443) ??????

## FAQ

Q: ??? <https://xxx.xxx.xxx/> ???"????????"?

Ans: ??????

Firefox)

1. Firefox > ?? > ?? > ?? > ?????? > ??? > ?? CA Root ??? (PS. IE ? Chrome ??????)
2. Firefox > ?? > ?? > ?? > ?????? > ??? > ?????????? > ?????  
? ?? : ??????????  
? ??????????: ?? ??? "?????????????"

IE, Chrome)

????????? CA Root ???

Q: ?????????????????"?????Citrix XenApp ???"

Ans: ??? Firefox ?????????? CA Root ?????????? Linux/Windows?

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- <http://forum.admins.ir/showthread.php?p=49706>
- <http://aaronwalrath.wordpress.com/20...ate-authority/>
- <http://support.citrix.com/article/CTX127865/>
- <http://support.citrix.com/article/CTX121360/>
- <http://support.citrix.com/proddocs/t...apper-v65.html>
- <http://ubuntuforums.org/showthread.php?t=1105855>