Create pair keys

makecert -n "CN=SoftPhone" -cy authority -a sha1 -sv "Lotus_sf.pvk" -r "Lotus_sf.cer" -sr localmachine -ss ROOT

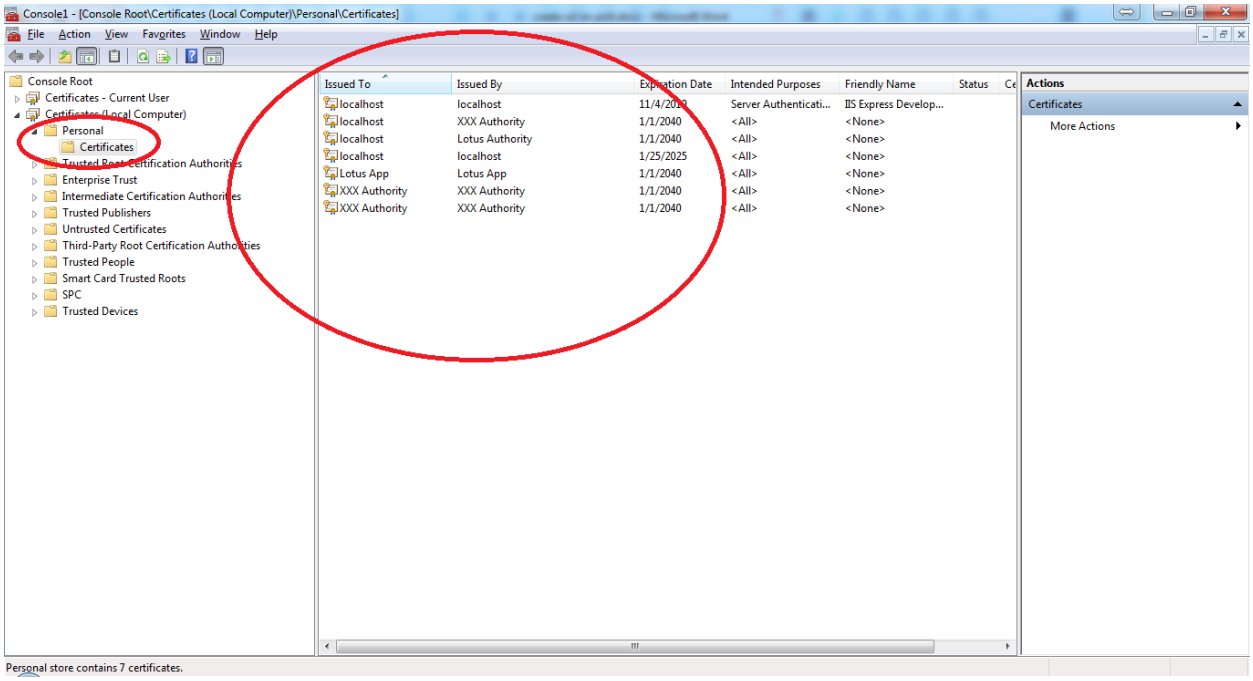
enter password: lotus@#

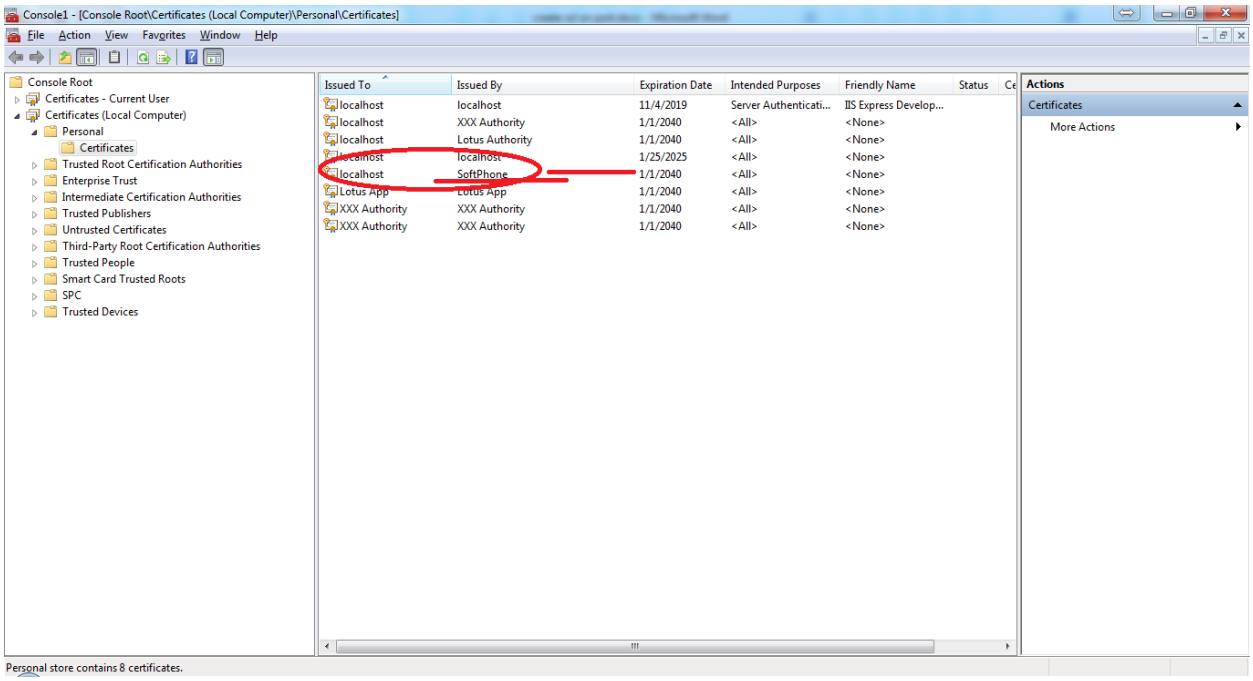
makecert -n "CN=localhost" -ic "Lotus_sf.cer" -iv "Lotus_sf.pvk" -a sha1 -sky exchange -pe -sr localmachine -ss MY "cti_sf.cer"

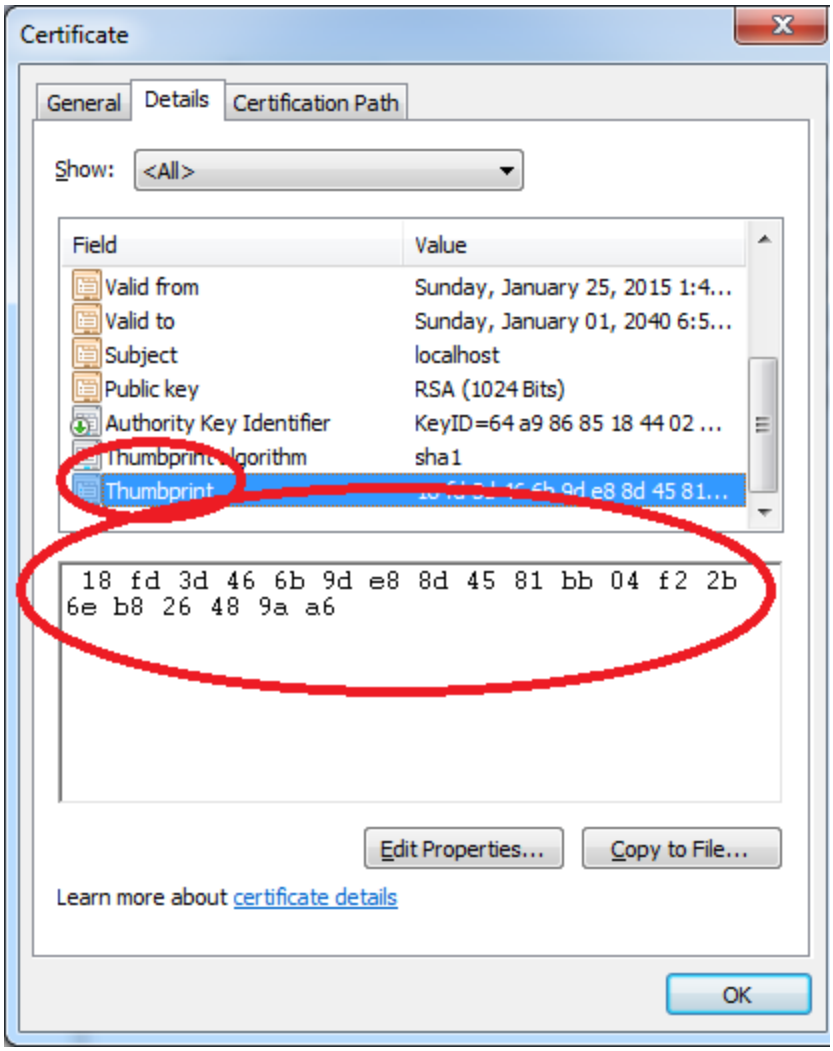
copy `cti_sf.cer to application folder`

Windows 7 >

Get thumbprint for cti_sf.cer

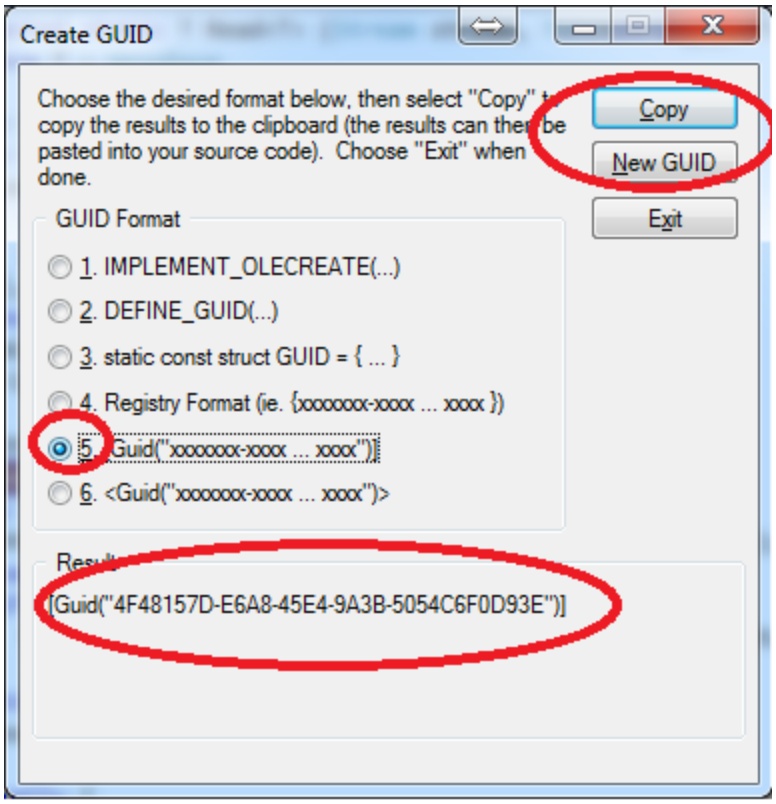



Console1 - [Console Root\Certificates (Local Computer)\Personal\Certificates]
File Action View Favorites Window Help
Console Root
Certificates - Current User
Certificates (Local Computer)
Personal
Certificates
Trusted Root Certification Authorities
Enterprise Trust
Intermediate Certification Authorities
Trusted Publishers
Untrusted Certificates
Third-Party Root Certification Authorities
Trusted People
Smart Card Trusted Roots
SPC
Trusted Devices
Issued To
Issued By
Expiration Date
Intended Purposes
Friendly Name
Status
localhost
localhost
11/4/2019
Server Authenticati...
IIS Express Develop...
localhost
XXX Authority
1/1/2040
<All>
<None>
localhost
Lotus Authority
1/1/2040
<All>
<None>
localhost
localhost
1/25/2025
<All>
<None>
localhost
SoftPhone
1/1/2040
<All>
<None>
Lotus App
Lotus App
1/1/2040
<All>
<None>
XXX Authority
XXX Authority
1/1/2040
<All>
<None>
XXX Authority
XXX Authority
1/1/2040
<All>
<None>
Actions
Certificates
More Actions
Personal store contains 8 certificates.



Copy and paste to notepad, remove all spaces and special chars

Create GUID



Allow port 4660 is SSL

netsh http add sslcert ipport=0.0.0.0:4660 certhash= 18fd3d466b9de88d4581bb04f22b6eb826489aa6 appid={184FB56F-3706-438A-9E9C-D750F71C82E7}

netsh http add sslcert ipport=0.0.0.0:4671 certhash=18fd3d466b9de88d4581bb04f22b6eb826489aa6 appid={184FB56F-3706-438A-9E9C-D750F71C82E7}

use Lotus_sf.cer in program
netsh http delete sslcert ipport=0.0.0.0:4671

Configure on RHEL

linux is OK

mkdir crt

mkdir key

openssl req -new -x509 -days 11365 -sha1 -newkey rsa:1024 -nodes -keyout key/server.key -out crt/server.crt -subj '/O=Lotus/OU=Lotus/CN=www.lotus-asia.net'

/etc/httpd/key/server.key

/etc/httpd/crt/server.crt

DON'T USE

export to pfx

```
pvk2pfx -pvk Lotus_sf.pvk -spc Lotus_sf.cer -pfx Lotus_sf.pfx
```

file Lotus_sf.pfx is use

END

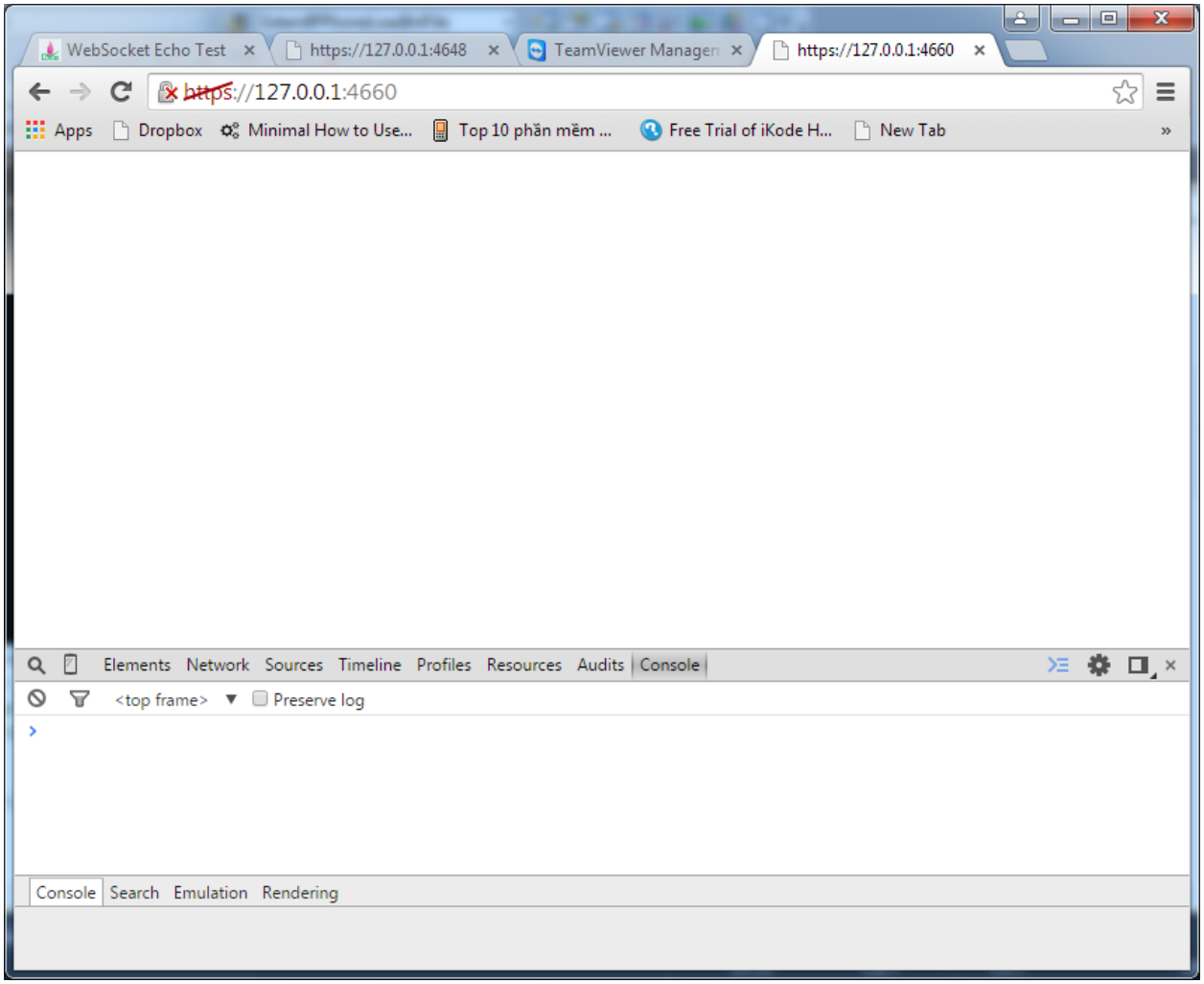
Windows XP

httpcfg set ssl -i 0.0.0.0:11000 -h <certificate thumbprint>

netsh http add sslcert ipport=0.0.0.0:11000 certhash=41f0c148cd191f174f690b07542acc12a99c9d27

First init

Open browser, enter localhost:<port>



And click advance, click accept

Choose your privacy settings

Some Google Chrome settings use your browsing information to improve your web experience. For example, Chrome can use your browsing history to help it complete search phrases you type. These settings are turned on by default. You can turn them off whenever you want.

Turn off a privacy setting

1. In the top-right corner of the browser window, click the Chrome menu icon .
2. Select **Settings**.
3. At the bottom of the page, click **Show advanced settings.**

4. Under **Privacy**, uncheck any privacy settings you no longer want. When you turn a privacy setting off, that information will not be sent to Google.

Read the finer details of how we treat your information in our Privacy Policy.
https://support.google.com/chrome/answer/114836?hl=en