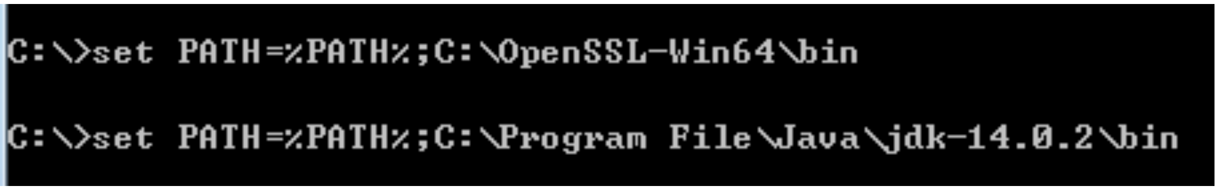
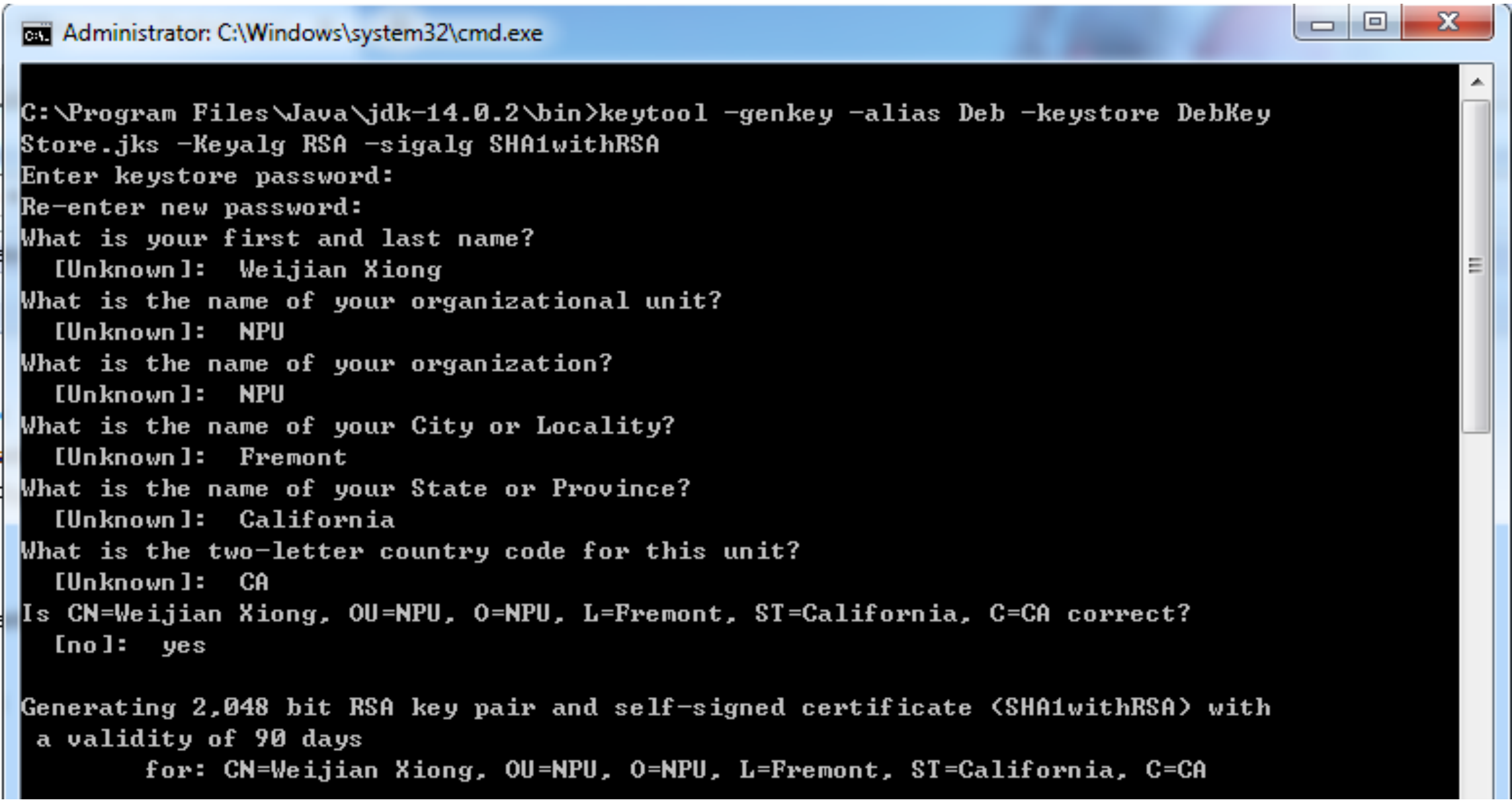
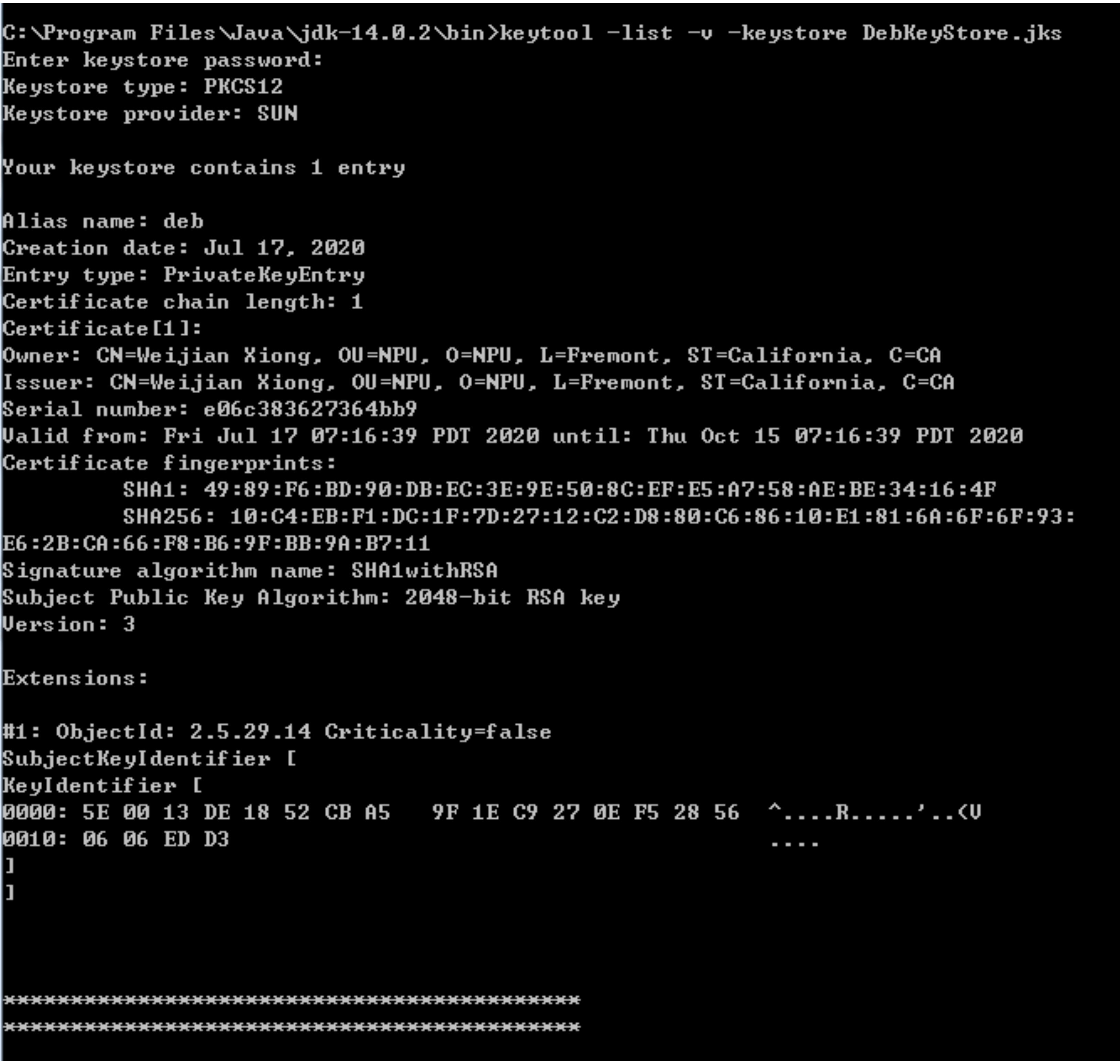


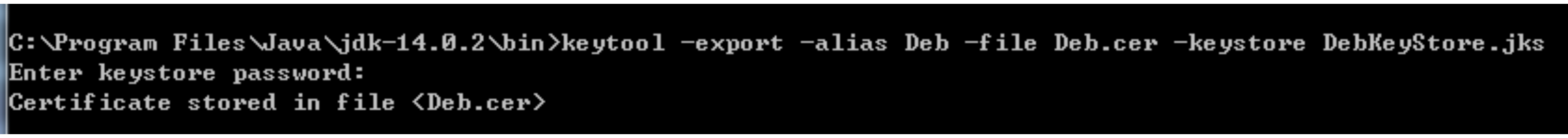
```
C:\>set PATH=%PATH%;C:\OpenSSL-Win64\bin

C:\>set PATH=%PATH%;C:\Program File\Java\jdk-14.0.2\bin
```



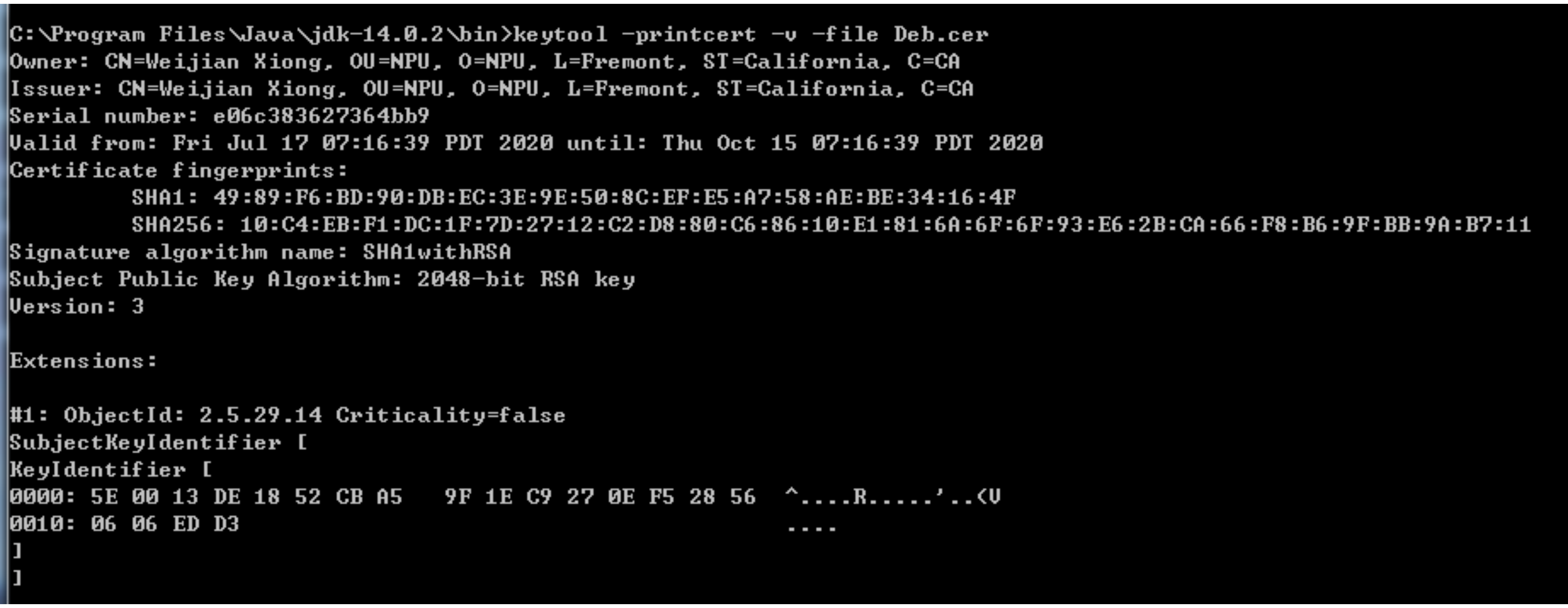
```
C:\Program Files\Java\jdk-14.0.2\bin>keytool -genkey -alias Deb -keystore DebKey
Store.jks -Keyalg RSA -sigalg SHA1withRSA
Enter keystore password:
Re-enter new password:
What is your first and last name?
  [Unknown]:  Weijian Xiong
What is the name of your organizational unit?
  [Unknown]:  NPU
What is the name of your organization?
  [Unknown]:  NPU
What is the name of your City or Locality?
  [Unknown]:  Fremont
What is the name of your State or Province?
  [Unknown]:  California
What is the two-letter country code for this unit?
  [Unknown]:  CA
Is CN=Weijian Xiong, OU=NPU, O=NPU, L=Fremont, ST=California, C=CA correct?
  [no]:  yes

Generating 2,048 bit RSA key pair and self-signed certificate (SHA1withRSA) with
 a validity of 90 days
        for: CN=Weijian Xiong, OU=NPU, O=NPU, L=Fremont, ST=California, C=CA
```



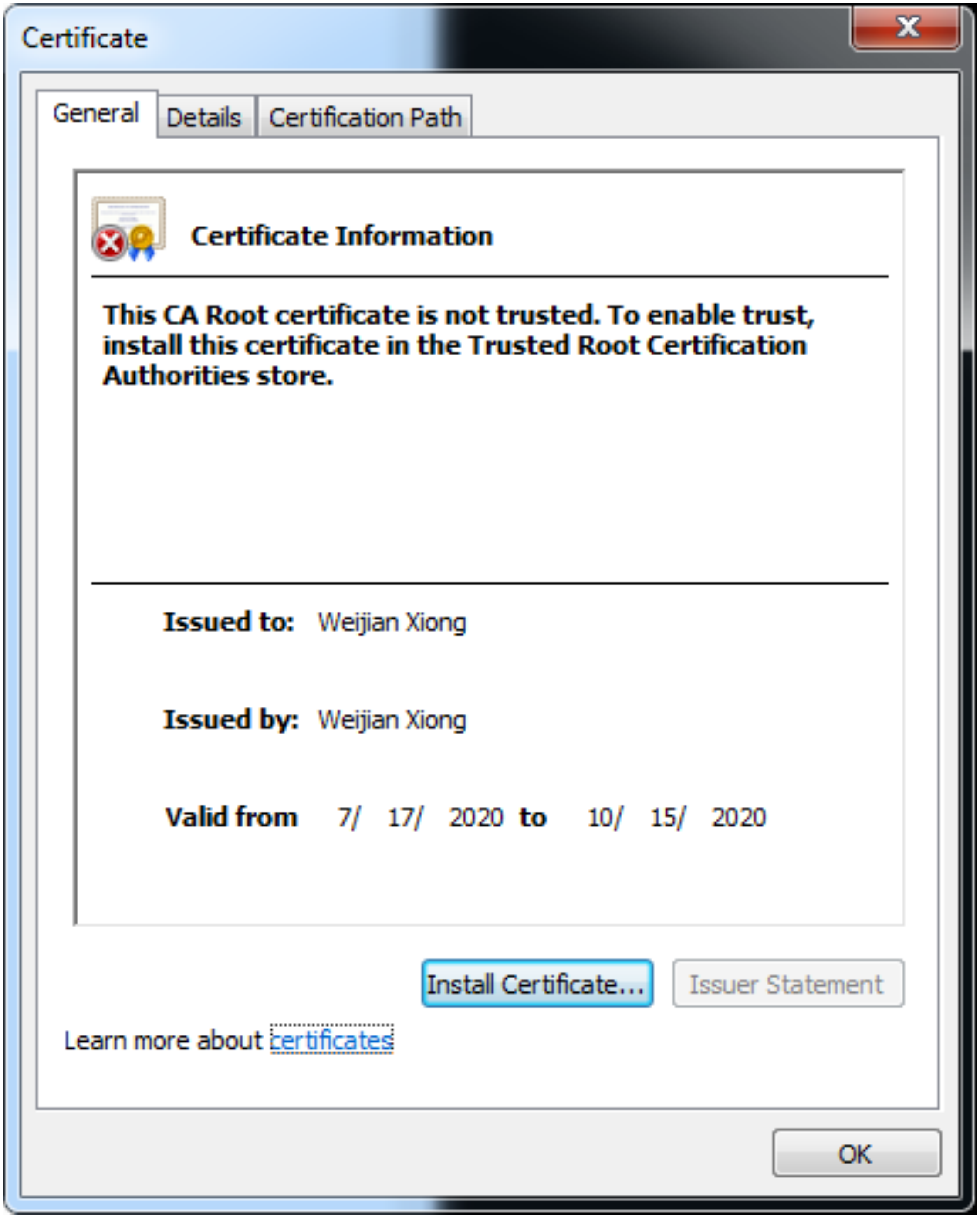
```
C:\Program Files\Java\jdk-14.0.2\bin>keytool -list -v -keystore DebKeyStore.jks
Enter keystore password:
Keystore type: PKCS12
Keystore provider: SUN

Your keystore contains 1 entry

Alias name: deb
Creation date: Jul 17, 2020
Entry type: PrivateKeyEntry
Certificate chain length: 1
Certificate[1]:
Owner: CN=Weijian Xiong, OU=NPU, O=NPU, L=Fremont, ST=California, C=CA
Issuer: CN=Weijian Xiong, OU=NPU, O=NPU, L=Fremont, ST=California, C=CA
Serial number: e06c383627364bb9
Valid from: Fri Jul 17 07:16:39 PDT 2020 until: Thu Oct 15 07:16:39 PDT 2020
Certificate fingerprints:
         SHA1: 49:89:F6:BD:90:DB:EC:3E:9E:50:8C:EF:E5:A7:58:AE:BE:34:16:4F
         SHA256: 10:C4:EB:F1:DC:1F:7D:27:12:C2:D8:80:C6:86:10:E1:81:6A:6F:6F:93:
E6:2B:CA:66:F8:B6:9F:BB:9A:B7:11
Signature algorithm name: SHA1withRSA
Subject Public Key Algorithm: 2048-bit RSA key
Version: 3

Extensions:

#1: ObjectId: 2.5.29.14 Criticality=false
SubjectKeyIdentifier [
KeyIdentifier [
0000: 5E 00 13 DE 18 52 CB A5   9F 1E C9 27 0E F5 28 56  ^....R.....'..(V
0010: 06 06 ED D3                                        ....
]
]



*******************************************
*******************************************
```



```
C:\Program Files\Java\jdk-14.0.2\bin>keytool -export -alias Deb -file Deb.cer -keystore DebKeyStore.jks
Enter keystore password:
Certificate stored in file <Deb.cer>
```



```
C:\Program Files\Java\jdk-14.0.2\bin>keytool -printcert -v -file Deb.cer
Owner: CN=Weijian Xiong, OU=NPU, O=NPU, L=Fremont, ST=California, C=CA
Issuer: CN=Weijian Xiong, OU=NPU, O=NPU, L=Fremont, ST=California, C=CA
Serial number: e06c383627364bb9
Valid from: Fri Jul 17 07:16:39 PDT 2020 until: Thu Oct 15 07:16:39 PDT 2020
Certificate fingerprints:
         SHA1: 49:89:F6:BD:90:DB:EC:3E:9E:50:8C:EF:E5:A7:58:AE:BE:34:16:4F
         SHA256: 10:C4:EB:F1:DC:1F:7D:27:12:C2:D8:80:C6:86:10:E1:81:6A:6F:6F:93:E6:2B:CA:66:F8:B6:9F:BB:9A:B7:11
Signature algorithm name: SHA1withRSA
Subject Public Key Algorithm: 2048-bit RSA key
Version: 3

Extensions:

#1: ObjectId: 2.5.29.14 Criticality=false
SubjectKeyIdentifier [
KeyIdentifier [
0000: 5E 00 13 DE 18 52 CB A5   9F 1E C9 27 0E F5 28 56  ^....R.....'..(V
0010: 06 06 ED D3                                        ....
]
]
```



Certificate Information

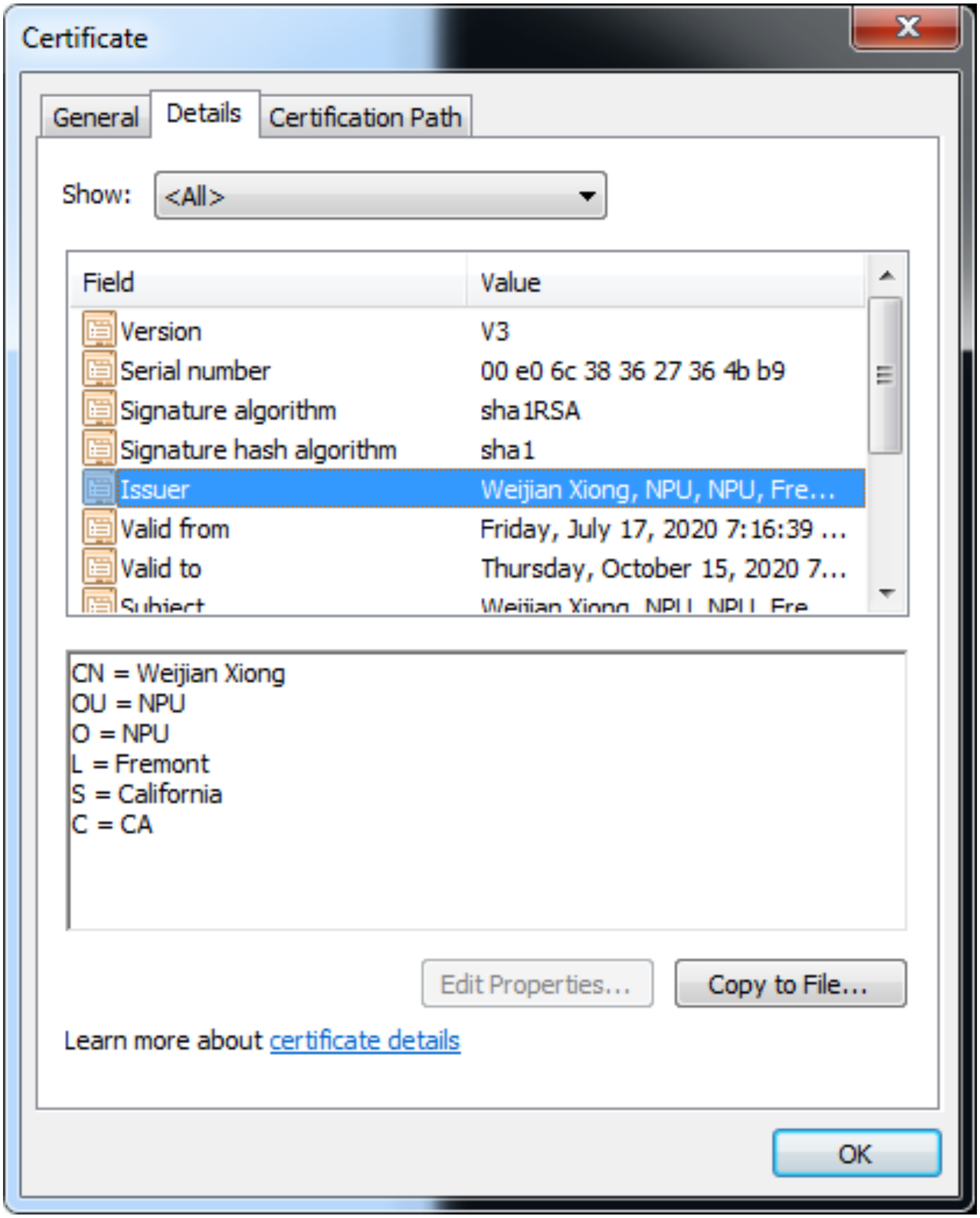
This CA Root certificate is not trusted. To enable trust, install this certificate in the Trusted Root Certification Authorities store.

Issued to: Weijian Xiong

Issued by: Weijian Xiong

Valid from 7/ 17/ 2020 **to** 10/ 15/ 2020

Learn more about certificates

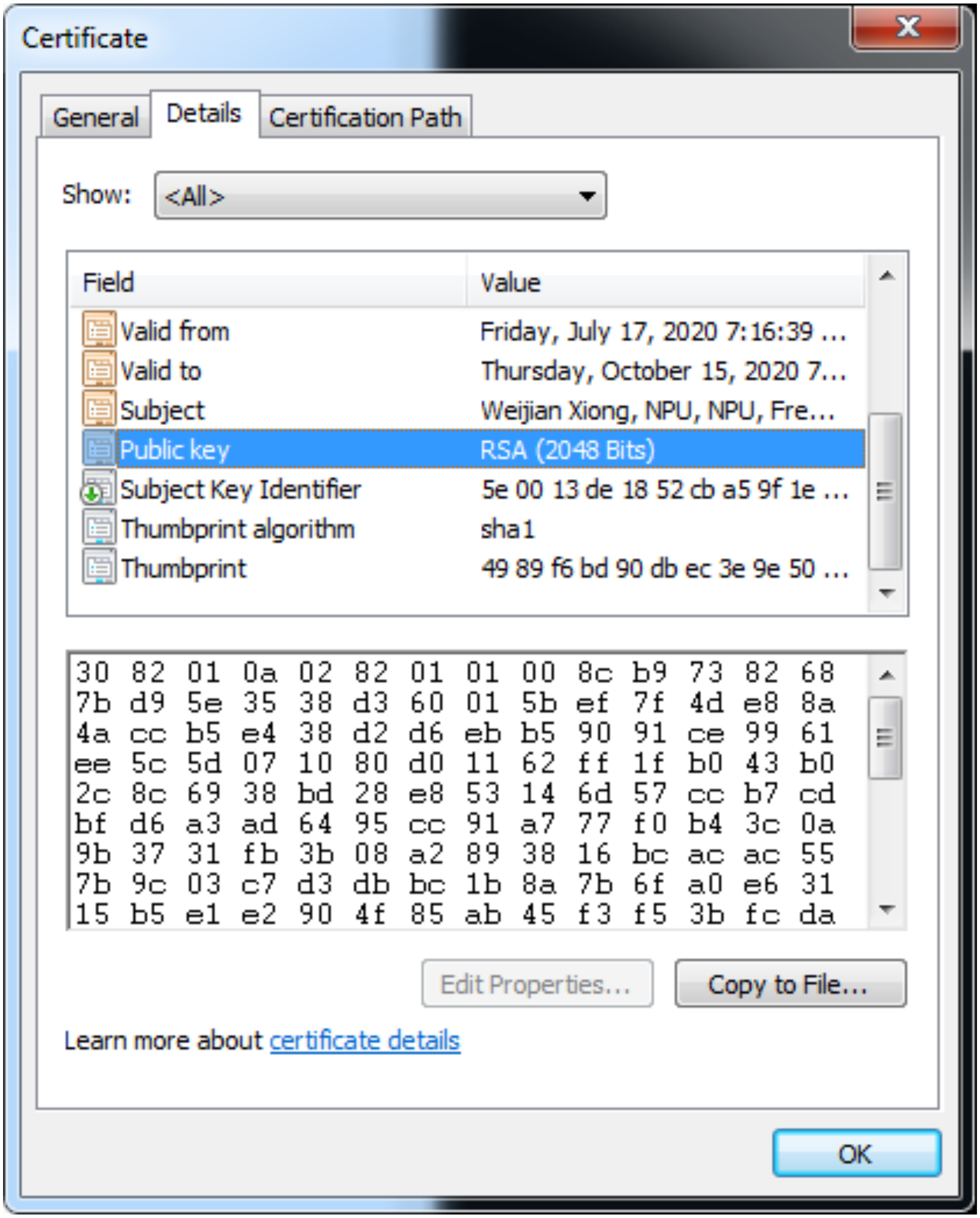


Show: <All>

Field	Value
Version	V3
Serial number	00 e0 6c 38 36 27 36 4b b9
Signature algorithm	sha1RSA
Signature hash algorithm	sha1
Issuer	Weijian Xiong, NPU, NPU, Fre...
Valid from	Friday, July 17, 2020 7:16:39 ...
Valid to	Thursday, October 15, 2020 7...
Subject	Weijian Xiong, NPU, NPU, Fre

CN = Weijian Xiong
OU = NPU
O = NPU
L = Fremont
S = California
C = CA

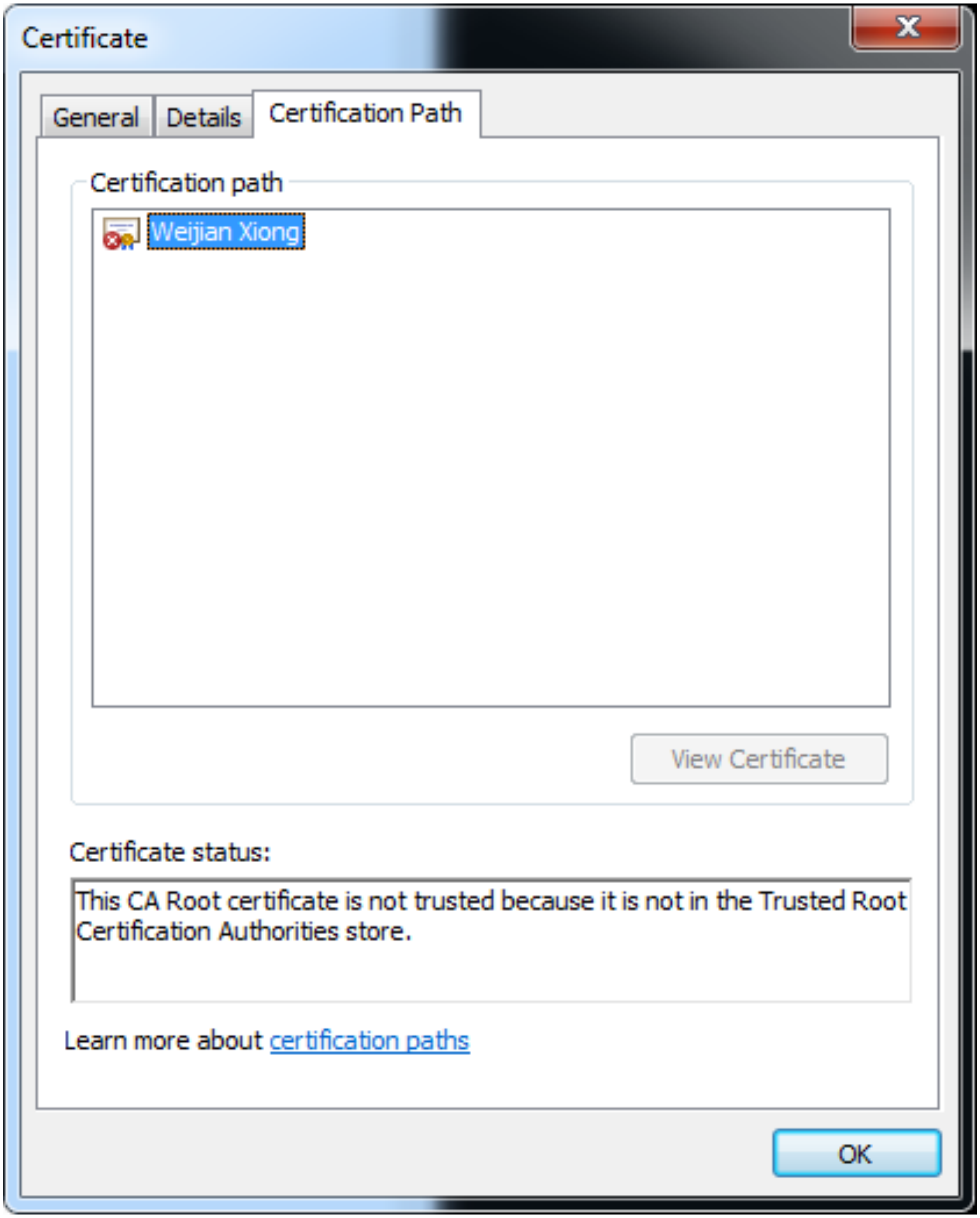
Learn more about certificate details



Field	Value
Valid from	Friday, July 17, 2020 7:16:39 ...
Valid to	Thursday, October 15, 2020 7...
Subject	Weijian Xiong, NPU, NPU, Fre...
Public key	RSA (2048 Bits)
Subject Key Identifier	5e 00 13 de 18 52 cb a5 9f 1e ...
Thumbprint algorithm	sha1
Thumbprint	49 89 f6 bd 90 db ec 3e 9e 50 ...

```
30 82 01 0a 02 82 01 01 00 8c b9 73 82 68
7b d9 5e 35 38 d3 60 01 5b ef 7f 4d e8 8a
4a cc b5 e4 38 d2 d6 eb b5 90 91 ce 99 61
ee 5c 5d 07 10 80 d0 11 62 ff 1f b0 43 b0
2c 8c 69 38 bd 28 e8 53 14 6d 57 cc b7 cd
bf d6 a3 ad 64 95 cc 91 a7 77 f0 b4 3c 0a
9b 37 31 fb 3b 08 a2 89 38 16 bc ac ac 55
7b 9c 03 c7 d3 db bc 1b 8a 7b 6f a0 e6 31
15 b5 e1 e2 90 4f 85 ab 45 f3 f5 3b fc da
```

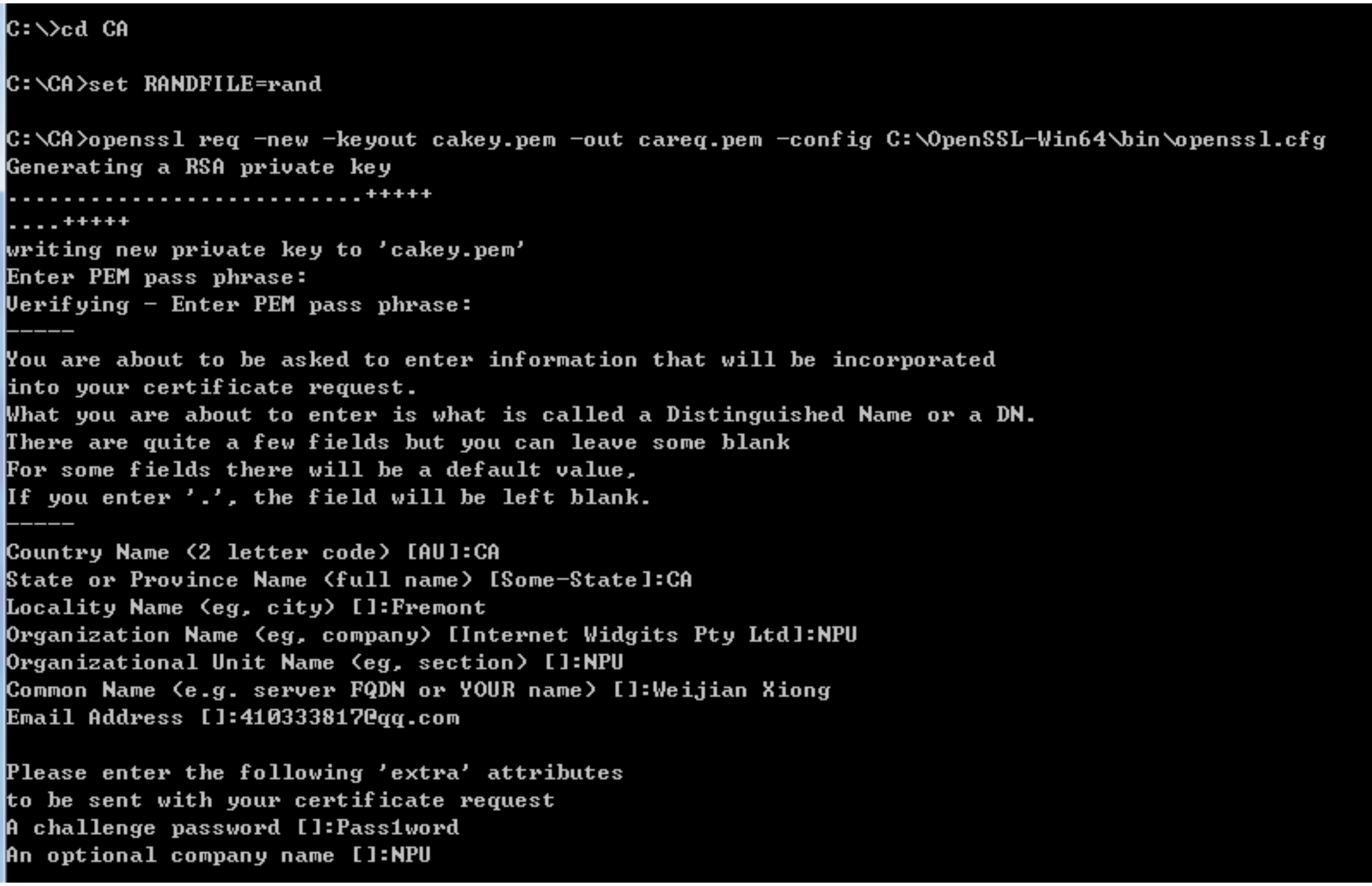
Learn more about certificate details



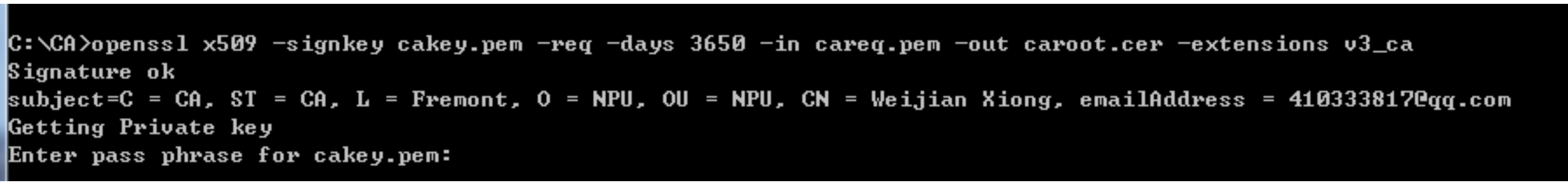
Certificate status:

This CA Root certificate is not trusted because it is not in the Trusted Root Certification Authorities store.

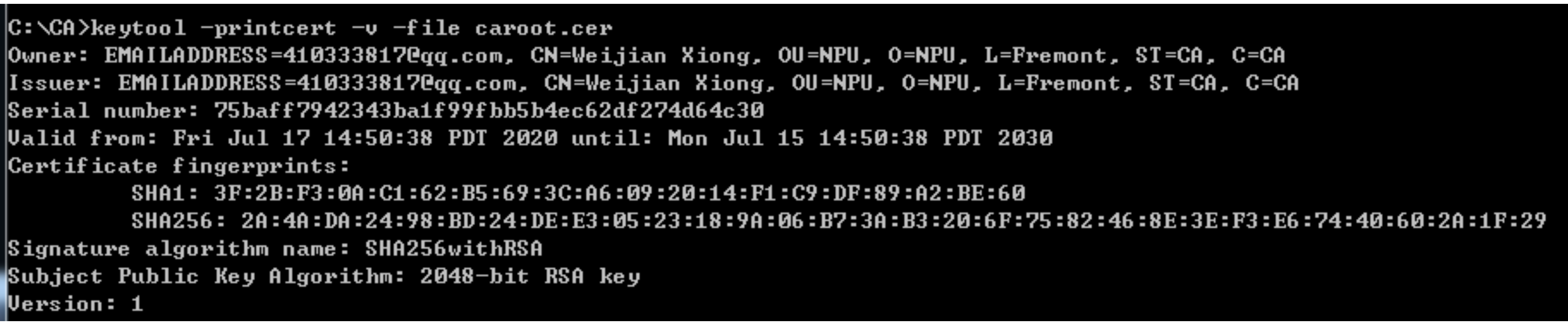
Learn more about certification paths



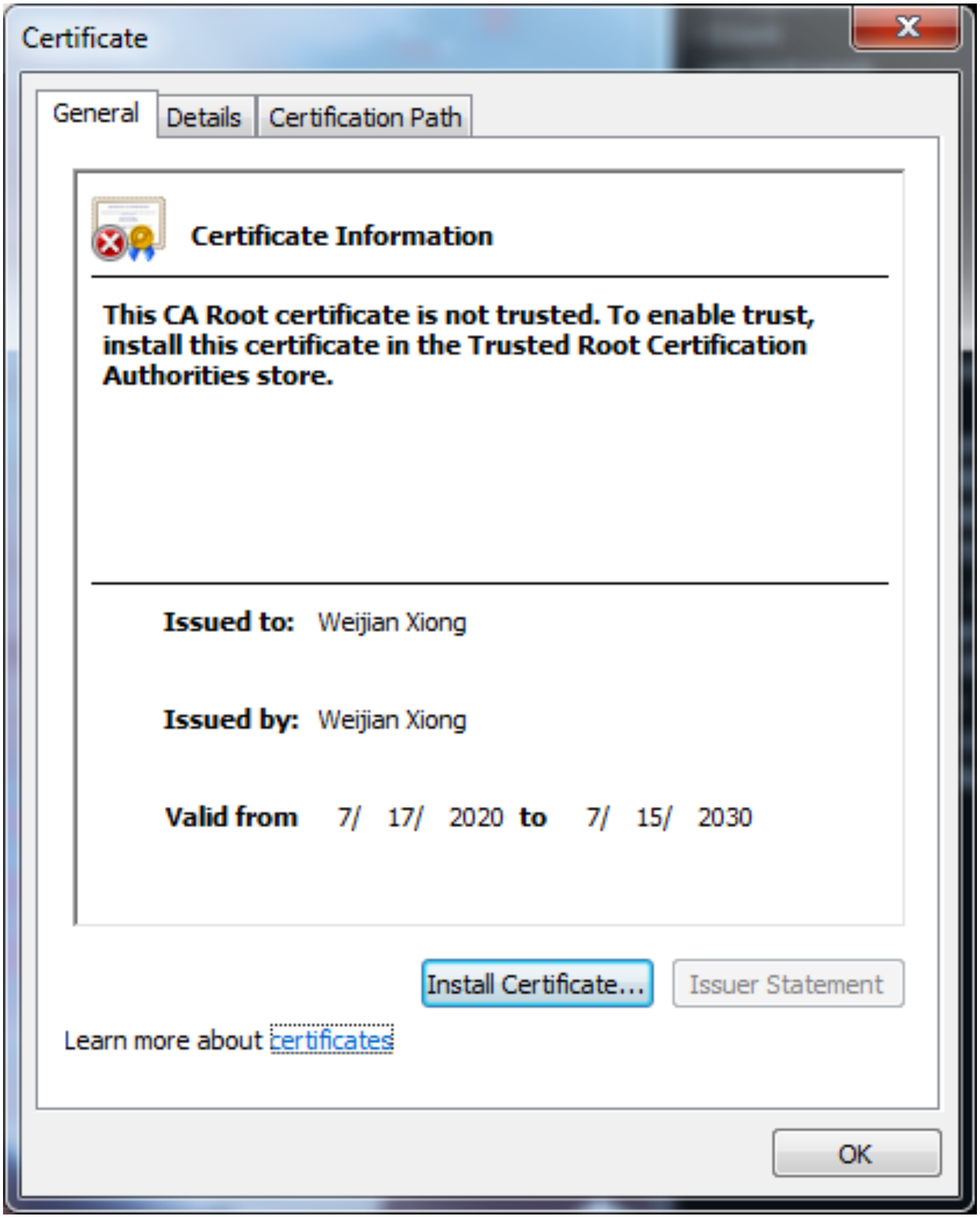
```
C:\>cd CA

C:\CA>set RANDFILE=rand

C:\CA>openssl req -new -keyout cakey.pem -out careq.pem -config C:\OpenSSL-Win64\bin\openssl.cfg
Generating a RSA private key
..........................+++++
....+++++
writing new private key to 'cakey.pem'
Enter PEM pass phrase:
Verifying - Enter PEM pass phrase:
-----
You are about to be asked to enter information that will be incorporated
into your certificate request.
What you are about to enter is what is called a Distinguished Name or a DN.
There are quite a few fields but you can leave some blank
For some fields there will be a default value,
If you enter '.', the field will be left blank.
-----
Country Name (2 letter code) [AU]:CA
State or Province Name (full name) [Some-State]:CA
Locality Name (eg, city) []:Fremont
Organization Name (eg, company) [Internet Widgits Pty Ltd]:NPU
Organizational Unit Name (eg, section) []:NPU
Common Name (e.g. server FQDN or YOUR name) []:Weijian Xiong
Email Address []:410333817@qq.com

Please enter the following 'extra' attributes
to be sent with your certificate request
A challenge password []:Pass1word
An optional company name []:NPU
```



```
C:\CA>openssl x509 -signkey cakey.pem -req -days 3650 -in careq.pem -out caroot.cer -extensions v3_ca
Signature ok
subject=C = CA, ST = CA, L = Fremont, O = NPU, OU = NPU, CN = Weijian Xiong, emailAddress = 410333817@qq.com
Getting Private key
Enter pass phrase for cakey.pem:
```



```
C:\CA>keytool -printcert -v -file caroot.cer
Owner: EMAILADDRESS=410333817@qq.com, CN=Weijian Xiong, OU=NPU, O=NPU, L=Fremont, ST=CA, C=CA
Issuer: EMAILADDRESS=410333817@qq.com, CN=Weijian Xiong, OU=NPU, O=NPU, L=Fremont, ST=CA, C=CA
Serial number: 75baff7942343ba1f99fbb5b4ec62df274d64c30
Valid from: Fri Jul 17 14:50:38 PDT 2020 until: Mon Jul 15 14:50:38 PDT 2030
Certificate fingerprints:
         SHA1: 3F:2B:F3:0A:C1:62:B5:69:3C:A6:09:20:14:F1:C9:DF:89:A2:BE:60
         SHA256: 2A:4A:DA:24:98:BD:24:DE:E3:05:23:18:9A:06:B7:3A:B3:20:6F:75:82:46:8E:3E:F3:E6:74:40:60:2A:1F:29
Signature algorithm name: SHA256withRSA
Subject Public Key Algorithm: 2048-bit RSA key
Version: 1
```



Certificate Information

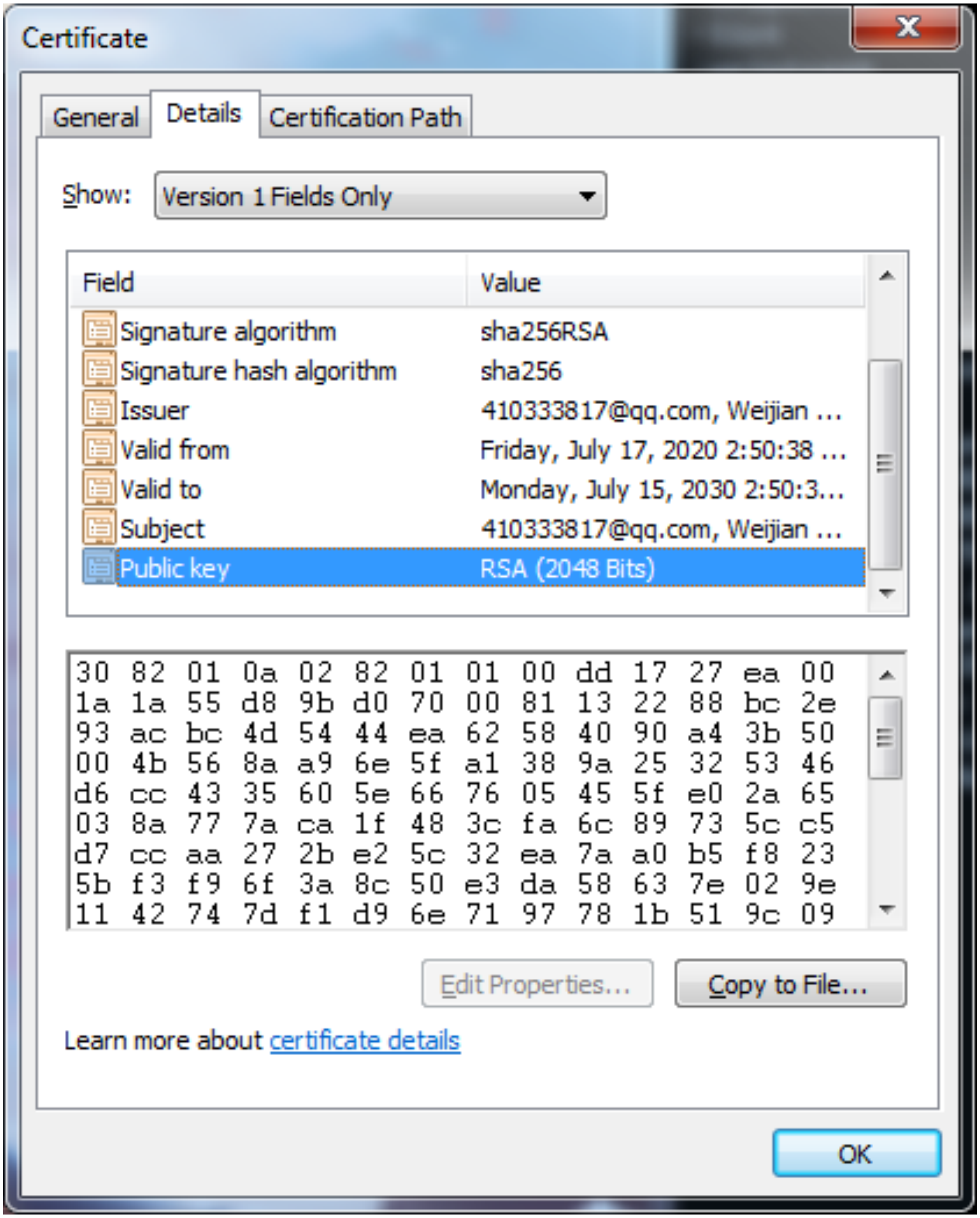
This CA Root certificate is not trusted. To enable trust, install this certificate in the Trusted Root Certification Authorities store.

Issued to: Weijian Xiong

Issued by: Weijian Xiong

Valid from 7/ 17/ 2020 **to** 7/ 15/ 2030

Learn more about certificates

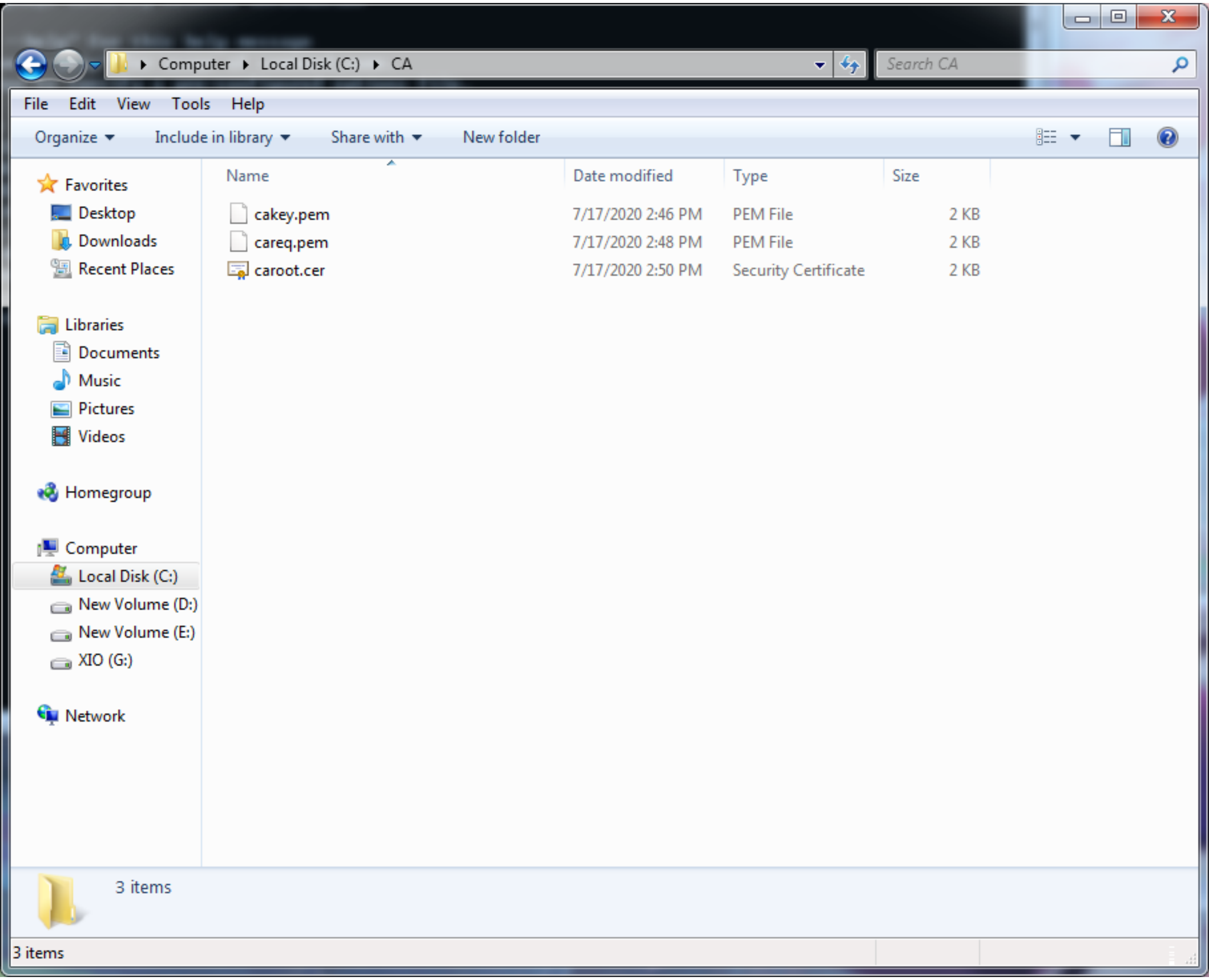


Show: Version 1 Fields Only

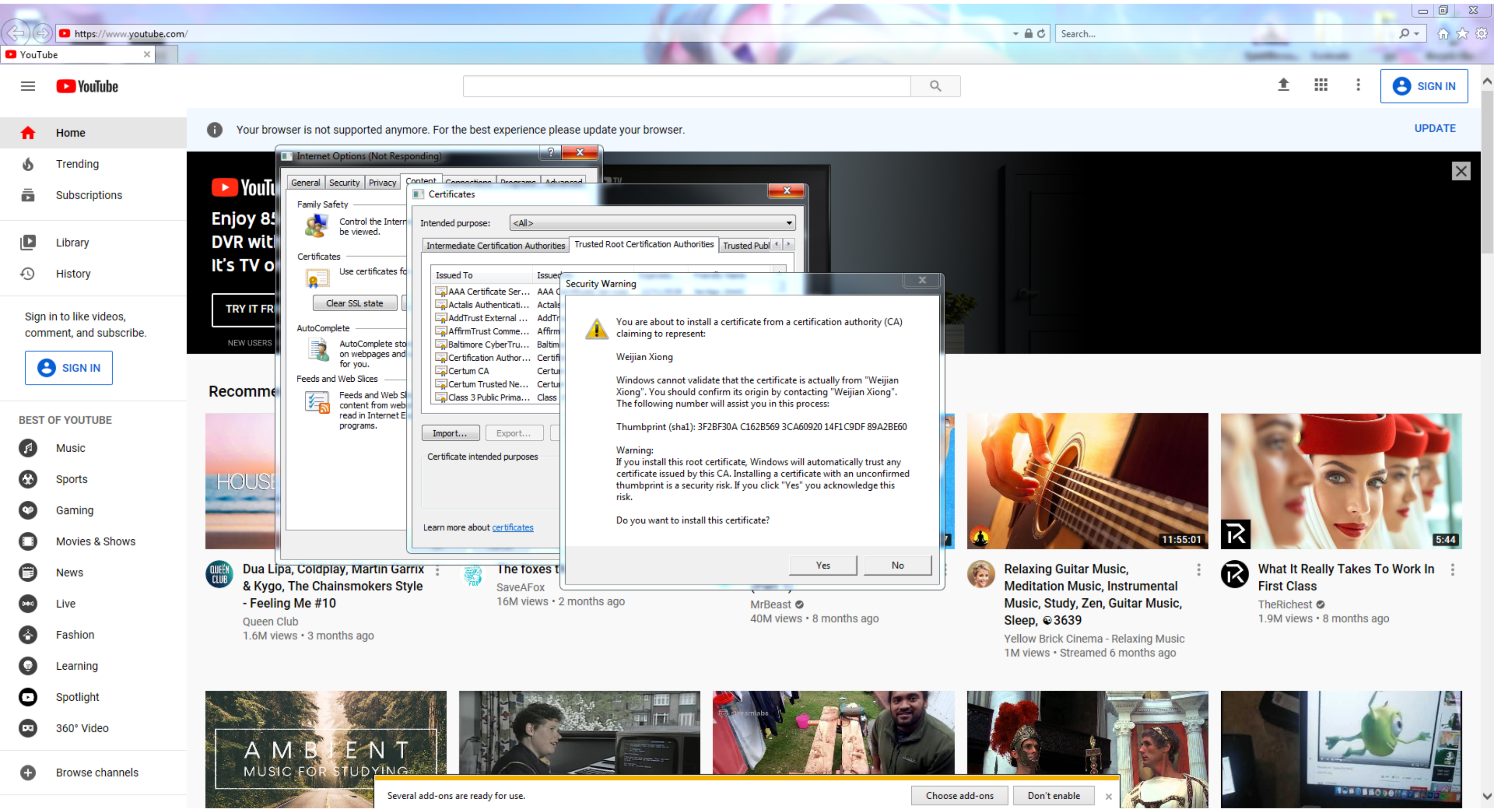
Field	Value
Signature algorithm	sha256RSA
Signature hash algorithm	sha256
Issuer	410333817@qq.com, Weijian ...
Valid from	Friday, July 17, 2020 2:50:38 ...
Valid to	Monday, July 15, 2030 2:50:3...
Subject	410333817@qq.com, Weijian ...
Public key	RSA (2048 Bits)

```
30 82 01 0a 02 82 01 01 00 dd 17 27 ea 00
1a 1a 55 d8 9b d0 70 00 81 13 22 88 bc 2e
93 ac bc 4d 54 44 ea 62 58 40 90 a4 3b 50
00 4b 56 8a a9 6e 5f a1 38 9a 25 32 53 46
d6 cc 43 35 60 5e 66 76 05 45 5f e0 2a 65
03 8a 77 7a ca 1f 48 3c fa 6c 89 73 5c c5
d7 cc aa 27 2b e2 5c 32 ea 7a a0 b5 f8 23
5b f3 f9 6f 3a 8c 50 e3 da 58 63 7e 02 9e
11 42 74 7d f1 d9 6e 71 97 78 1b 51 9c 09
```

Learn more about certificate details



Name	Date modified	Type	Size
cakey.pem	7/17/2020 2:46 PM	PEM File	2 KB
careq.pem	7/17/2020 2:48 PM	PEM File	2 KB
caroot.cer	7/17/2020 2:50 PM	Security Certificate	2 KB



https://www.youtube.com/

Your browser is not supported anymore. For the best experience please update your browser.

Internet Options (Not Responding)

Certificates

Intended purpose: <All>

Issued To	Issued
AAA Certificate Ser...	AAA C
Actalis Authenticati...	Actalis
AddTrust External ...	AddTr
AffirmTrust Comme...	Affirm
Baltimore CyberTru...	Baltim
Certification Author...	Certifi
Certum CA	Certu
Certum Trusted Ne...	Certu
Class 3 Public Prima...	Class

Security Warning

You are about to install a certificate from a certification authority (CA) claiming to represent:

Weijian Xiong

Windows cannot validate that the certificate is actually from "Weijian Xiong". You should confirm its origin by contacting "Weijian Xiong". The following number will assist you in this process:

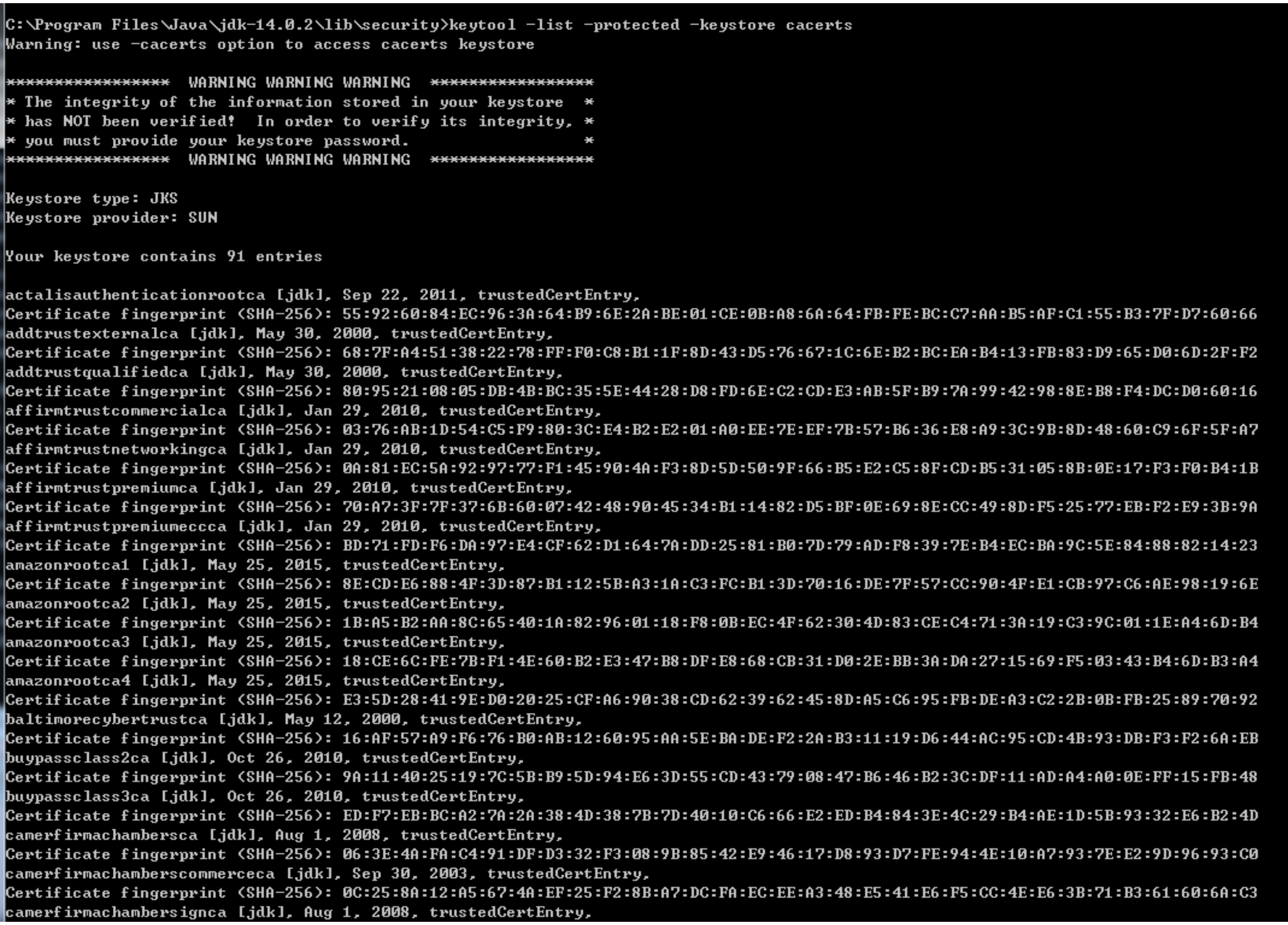
Thumbprint (sha1): 3F2BF30A C162B569 3CA60920 14F1C9DF 89A2BE60

Warning:
If you install this root certificate, Windows will automatically trust any certificate issued by this CA. Installing a certificate with an unconfirmed thumbprint is a security risk. If you click "Yes" you acknowledge this risk.

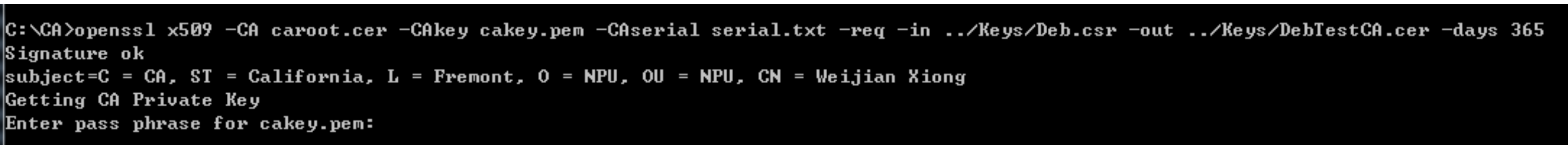
Do you want to install this certificate?

Several add-ons are ready for use.

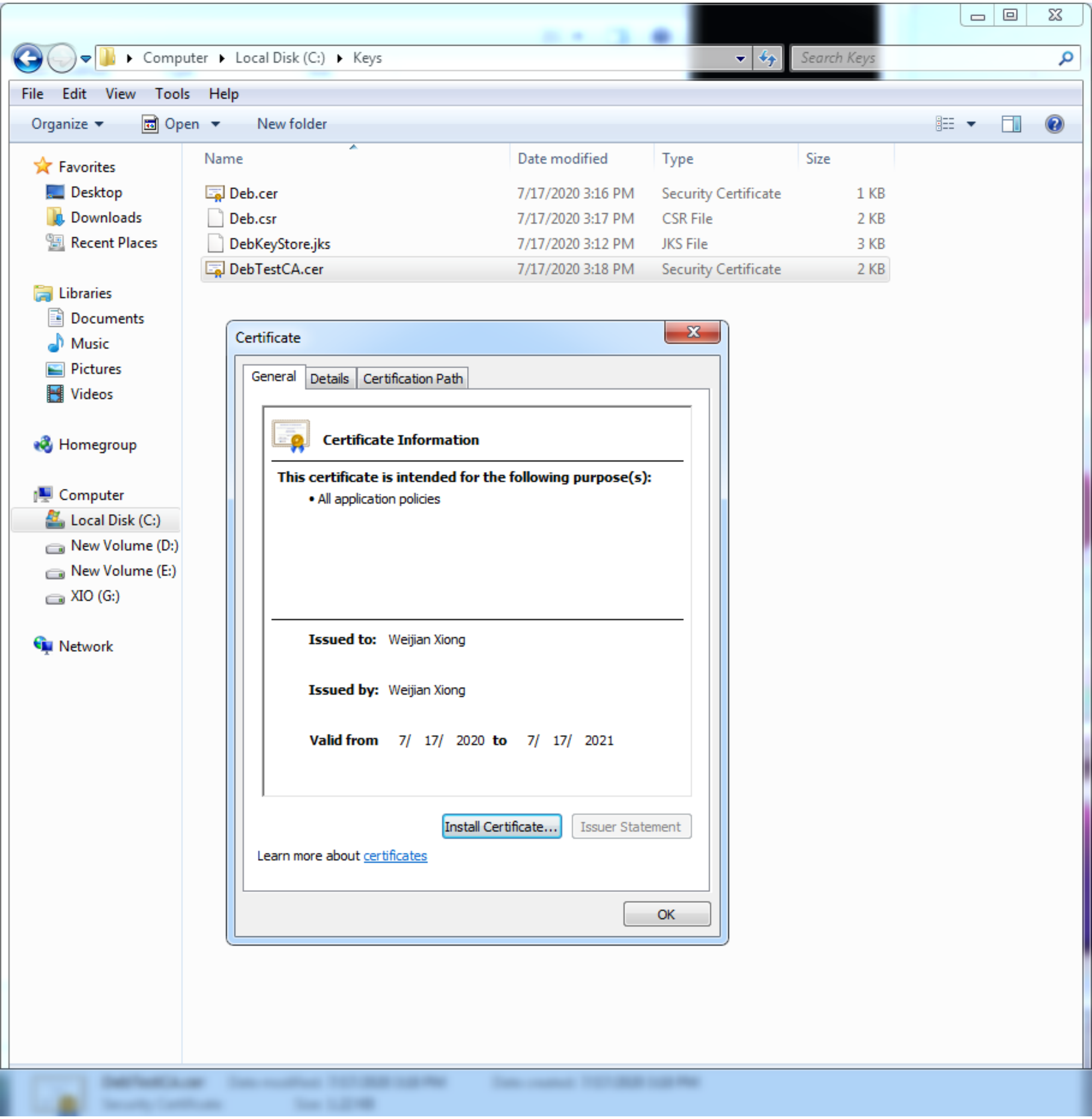
Search...
YouTube
YouTube
SIGN IN
UPDATE
Home
Trending
Subscriptions
Library
History
Sign in to like videos, comment, and subscribe.
SIGN IN
BEST OF YOUTUBE
Music
Sports
Gaming
Movies & Shows
News
Live
Fashion
Learning
Spotlight
360° Video
Browse channels
Enjoy 85
DVR wit
It's TV o
TRY IT FR
NEW USERS
Recomme
General
Security
Privacy
Content
Connections
Programs
Advanced
Family Safety
Control the Intern be viewed.
Certificates
Use certificates fo
Clear SSL state
AutoComplete
AutoComplete sto on webpages and for you.
Feeds and Web Slices
Feeds and Web Sl content from web read in Internet E programs.
Intermediate Certification Authorities
Trusted Root Certification Authorities
Trusted Publ
Import...
Export...
Certificate intended purposes
Learn more about certificates
Yes
No
Dua Lipa, Coldplay, Martin Garrix & Kygo, The Chainsmokers Style - Feeling Me #10
Queen Club
1.6M views • 3 months ago
The foxes t
SaveAFox
16M views • 2 months ago
MrBeast
40M views • 8 months ago
11:55:01
Relaxing Guitar Music, Meditation Music, Instrumental Music, Study, Zen, Guitar Music, Sleep, ☮3639
Yellow Brick Cinema - Relaxing Music
1M views • Streamed 6 months ago
5:44
What It Really Takes To Work In First Class
TheRichest
1.9M views • 8 months ago
AMBIENT
MUSIC FOR STUDYING
Choose add-ons
Don't enable



```
C:\Program Files\Java\jdk-14.0.2\lib\security>keytool -list -protected -keystore cacerts
Warning: use -cacerts option to access cacerts keystore

*****************  WARNING WARNING WARNING  *****************
* The integrity of the information stored in your keystore  *
* has NOT been verified!  In order to verify its integrity, *
* you must provide your keystore password.                  *
*****************  WARNING WARNING WARNING  *****************

Keystore type: JKS
Keystore provider: SUN

Your keystore contains 91 entries

actalisauthenticationrootca [jdk], Sep 22, 2011, trustedCertEntry,
Certificate fingerprint (SHA-256): 55:92:60:84:EC:96:3A:64:B9:6E:2A:BE:01:CE:0B:A8:6A:64:FB:FE:BC:C7:AA:B5:AF:C1:55:B3:7F:D7:60:66
addtrustexternalca [jdk], May 30, 2000, trustedCertEntry,
Certificate fingerprint (SHA-256): 68:7F:A4:51:38:22:78:FF:F0:C8:B1:1F:8D:43:D5:76:67:1C:6E:B2:BC:EA:B4:13:FB:83:D9:65:D0:6D:2F:F2
addtrustqualifiedca [jdk], May 30, 2000, trustedCertEntry,
Certificate fingerprint (SHA-256): 80:95:21:08:05:DB:4B:BC:35:5E:44:28:D8:FD:6E:C2:CD:E3:AB:5F:B9:7A:99:42:98:8E:B8:F4:DC:D0:60:16
affirmtrustcommercialca [jdk], Jan 29, 2010, trustedCertEntry,
Certificate fingerprint (SHA-256): 03:76:AB:1D:54:C5:F9:80:3C:E4:B2:E2:01:A0:EE:7E:EF:7B:57:B6:36:E8:A9:3C:9B:8D:48:60:C9:6F:5F:A7
affirmtrustnetworkingca [jdk], Jan 29, 2010, trustedCertEntry,
Certificate fingerprint (SHA-256): 0A:81:EC:5A:92:97:77:F1:45:90:4A:F3:8D:5D:50:9F:66:B5:E2:C5:8F:CD:B5:31:05:8B:0E:17:F3:F0:B4:1B
affirmtrustpremiumca [jdk], Jan 29, 2010, trustedCertEntry,
Certificate fingerprint (SHA-256): 70:A7:3F:7F:37:6B:60:07:42:48:90:45:34:B1:14:82:D5:BF:0E:69:8E:CC:49:8D:F5:25:77:EB:F2:E9:3B:9A
affirmtrustpremiumeccca [jdk], Jan 29, 2010, trustedCertEntry,
Certificate fingerprint (SHA-256): BD:71:FD:F6:DA:97:E4:CF:62:D1:64:7A:DD:25:81:B0:7D:79:AD:F8:39:7E:B4:EC:BA:9C:5E:84:88:82:14:23
amazonrootca1 [jdk], May 25, 2015, trustedCertEntry,
Certificate fingerprint (SHA-256): 8E:CD:E6:88:4F:3D:87:B1:12:5B:A3:1A:C3:FC:B1:3D:70:16:DE:7F:57:CC:90:4F:E1:CB:97:C6:AE:98:19:6E
amazonrootca2 [jdk], May 25, 2015, trustedCertEntry,
Certificate fingerprint (SHA-256): 1B:A5:B2:AA:8C:65:40:1A:82:96:01:18:F8:0B:EC:4F:62:30:4D:83:CE:C4:71:3A:19:C3:9C:01:1E:A4:6D:B4
amazonrootca3 [jdk], May 25, 2015, trustedCertEntry,
Certificate fingerprint (SHA-256): 18:CE:6C:FE:7B:F1:4E:60:B2:E3:47:B8:DF:E8:68:CB:31:D0:2E:BB:3A:DA:27:15:69:F5:03:43:B4:6D:B3:A4
amazonrootca4 [jdk], May 25, 2015, trustedCertEntry,
Certificate fingerprint (SHA-256): E3:5D:28:41:9E:D0:20:25:CF:A6:90:38:CD:62:39:62:45:8D:A5:C6:95:FB:DE:A3:C2:2B:0B:FB:25:89:70:92
baltimorecybertrustca [jdk], May 12, 2000, trustedCertEntry,
Certificate fingerprint (SHA-256): 16:AF:57:A9:F6:76:B0:AB:12:60:95:AA:5E:BA:DE:F2:2A:B3:11:19:D6:44:AC:95:CD:4B:93:DB:F3:F2:6A:EB
buypassclass2ca [jdk], Oct 26, 2010, trustedCertEntry,
Certificate fingerprint (SHA-256): 9A:11:40:25:19:7C:5B:B9:5D:94:E6:3D:55:CD:43:79:08:47:B6:46:B2:3C:DF:11:AD:A4:A0:0E:FF:15:FB:48
buypassclass3ca [jdk], Oct 26, 2010, trustedCertEntry,
Certificate fingerprint (SHA-256): ED:F7:EB:BC:A2:7A:2A:38:4D:38:7B:7D:40:10:C6:66:E2:ED:B4:84:3E:4C:29:B4:AE:1D:5B:93:32:E6:B2:4D
camerfirmachambersca [jdk], Aug 1, 2008, trustedCertEntry,
Certificate fingerprint (SHA-256): 06:3E:4A:FA:C4:91:DF:D3:32:F3:08:9B:85:42:E9:46:17:D8:93:D7:FE:94:4E:10:A7:93:7E:E2:9D:96:93:C0
camerfirmachamberscommerceca [jdk], Sep 30, 2003, trustedCertEntry,
Certificate fingerprint (SHA-256): 0C:25:8A:12:A5:67:4A:EF:25:F2:8B:A7:DC:FA:EC:EE:A3:48:E5:41:E6:F5:CC:4E:E6:3B:71:B3:61:60:6A:C3
camerfirmachambersignca [jdk], Aug 1, 2008, trustedCertEntry,
```



```
C:\CA>openssl x509 -CA caroot.cer -CAkey cakey.pem -CAserial serial.txt -req -in ../Keys/Deb.csr -out ../Keys/DebTestCA.cer -days 365
Signature ok
subject=C = CA, ST = California, L = Fremont, O = NPU, OU = NPU, CN = Weijian Xiong
Getting CA Private Key
Enter pass phrase for cakey.pem:
```



[redacted]

Name	Date modified	Type	Size
Deb.cer	7/17/2020 3:16 PM	Security Certificate	1 KB
Deb.csr	7/17/2020 3:17 PM	CSR File	2 KB
DebKeyStore.jks	7/17/2020 3:12 PM	JKS File	3 KB
DebTestCA.cer	7/17/2020 3:18 PM	Security Certificate	2 KB

Certificate Information

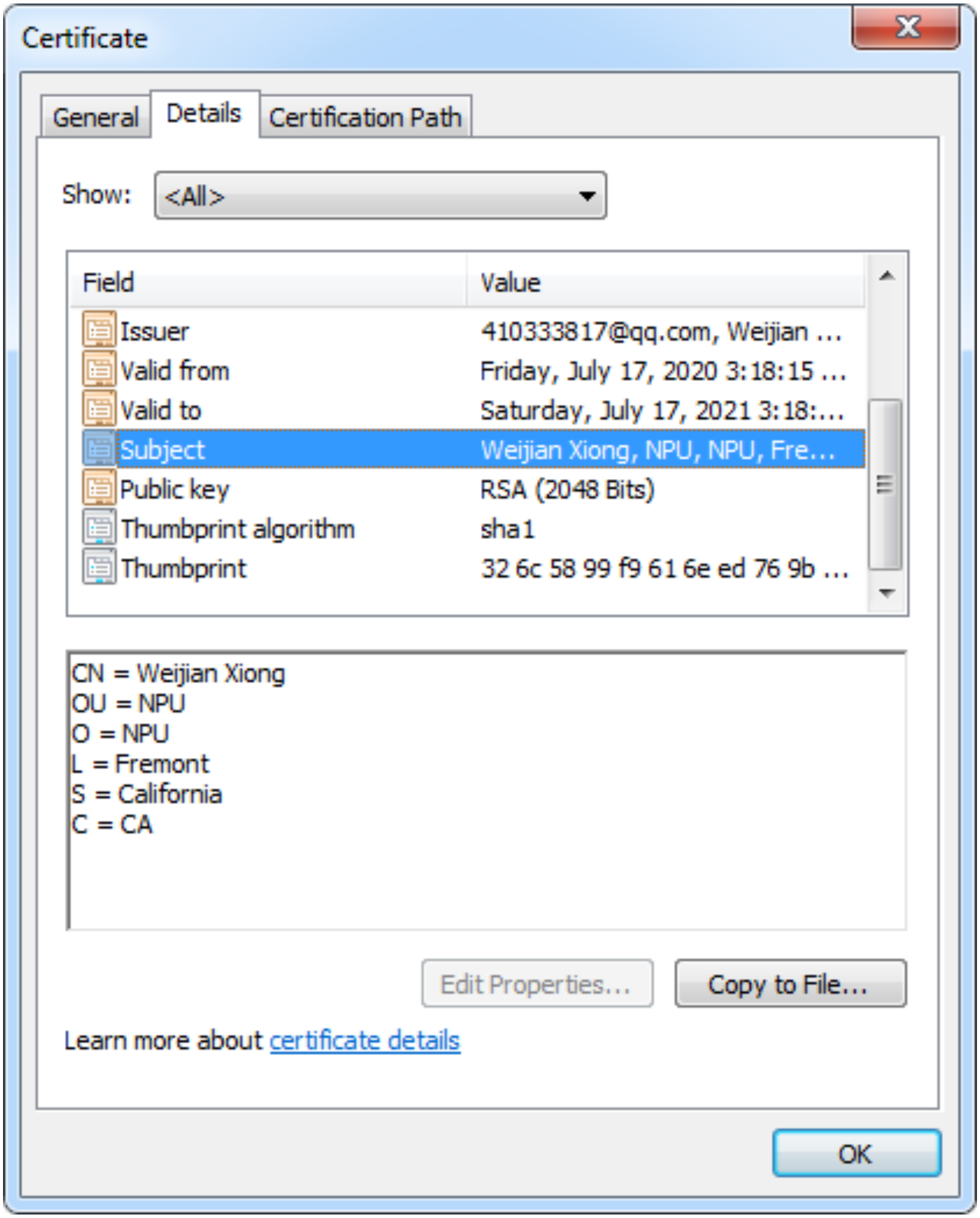
This certificate is intended for the following purpose(s):

- All application policies

Issued to: Weijian Xiong

Issued by: Weijian Xiong

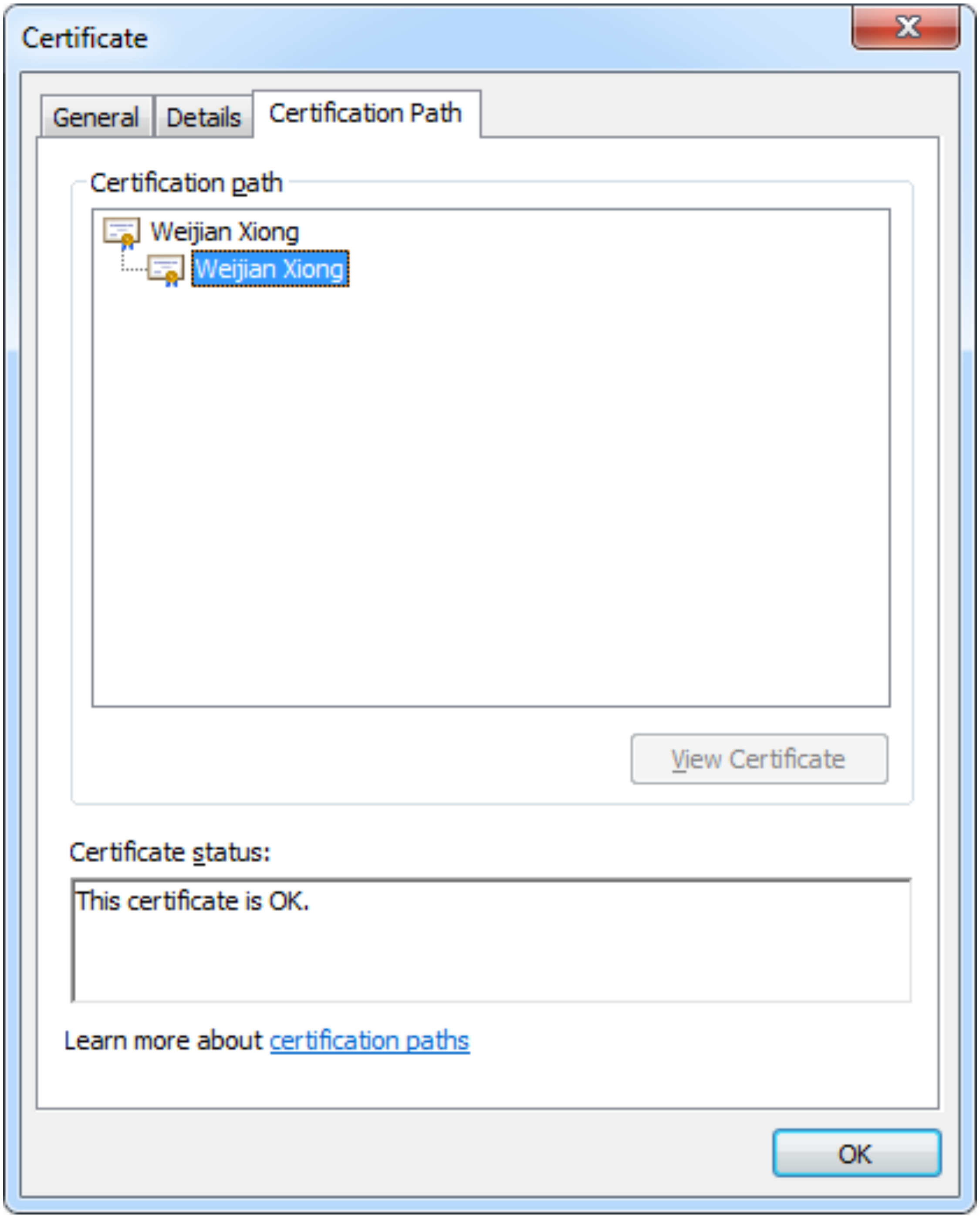
Valid from 7/ 17/ 2020 **to** 7/ 17/ 2021



Field	Value
Issuer	410333817@qq.com, Weijian ...
Valid from	Friday, July 17, 2020 3:18:15 ...
Valid to	Saturday, July 17, 2021 3:18:...
Subject	Weijian Xiong, NPU, NPU, Fre...
Public key	RSA (2048 Bits)
Thumbprint algorithm	sha1
Thumbprint	32 6c 58 99 f9 61 6e ed 76 9b ...

```
CN = Weijian Xiong
OU = NPU
O = NPU
L = Fremont
S = California
C = CA
```

Learn more about certificate details



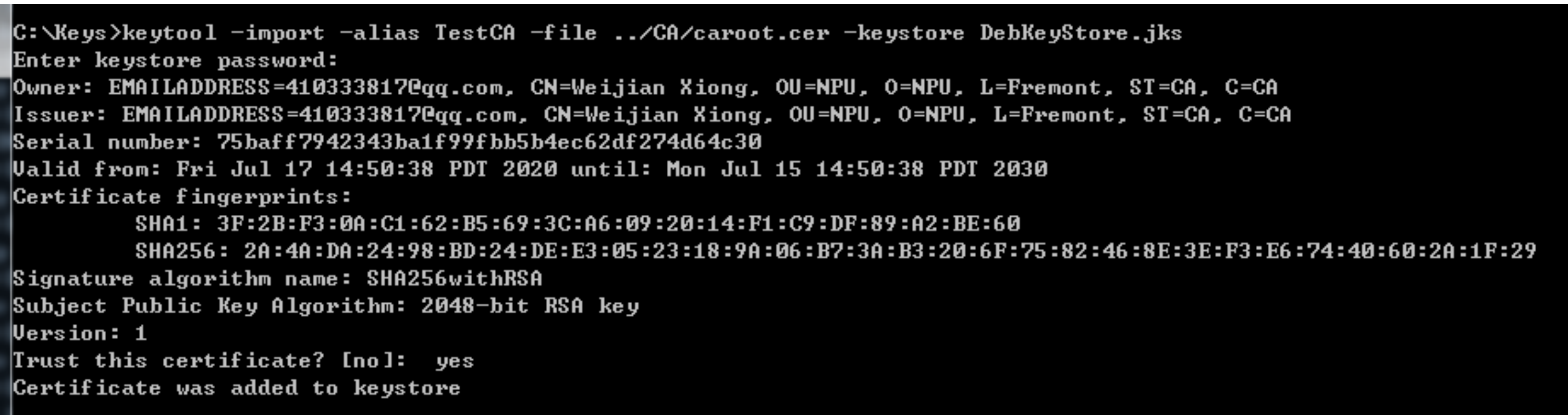
Certification path

Weijian Xiong
- Weijian Xiong

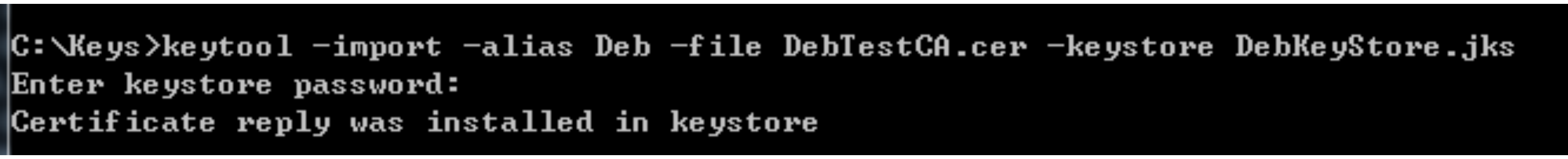
Certificate status:

This certificate is OK.

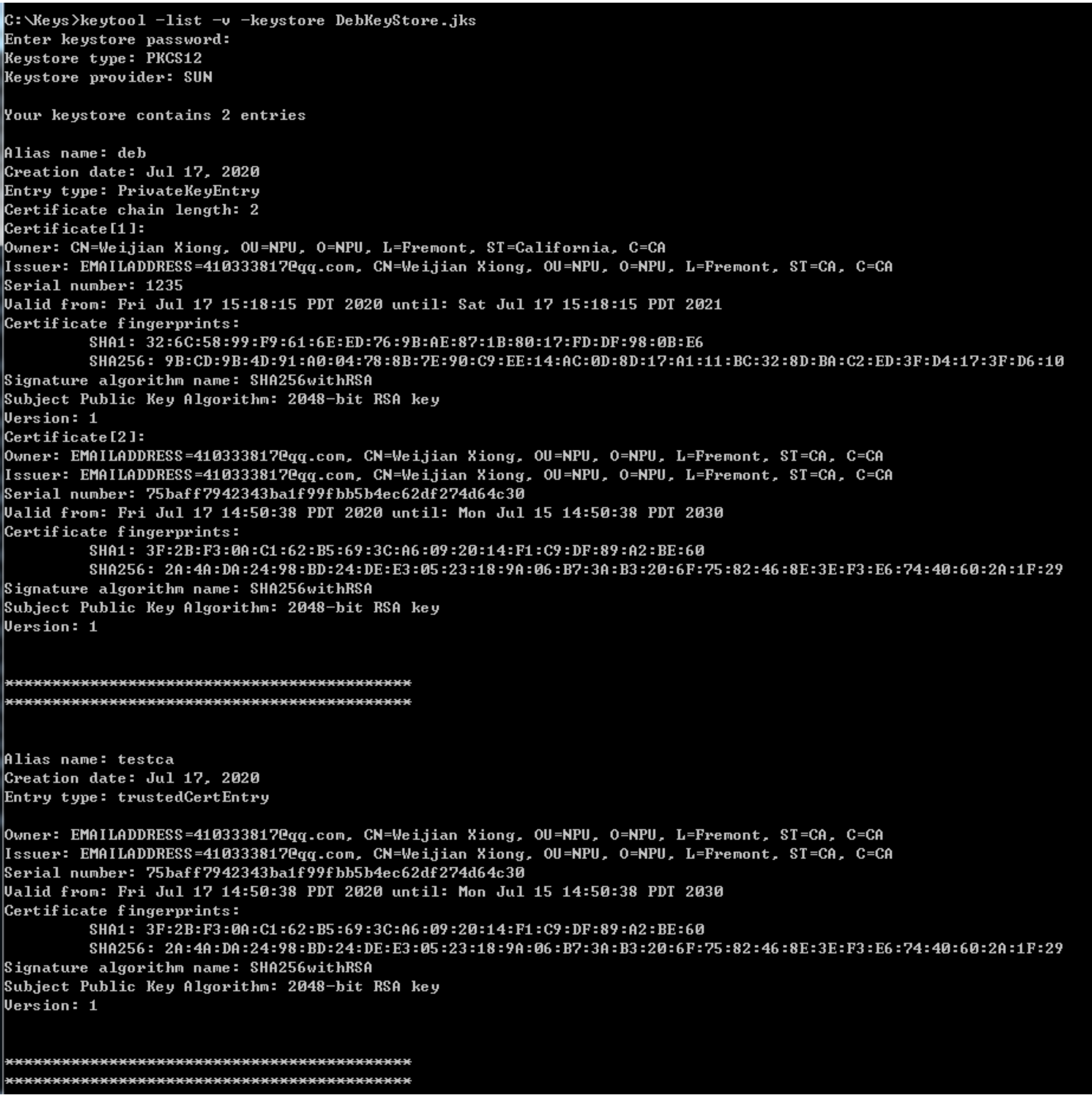
Learn more about certification paths



```
C:\Keys>keytool -import -alias TestCA -file ../CA/caroot.cer -keystore DebKeyStore.jks
Enter keystore password:
Owner: EMAILADDRESS=410333817@qq.com, CN=Weijian Xiong, OU=NPU, O=NPU, L=Fremont, ST=CA, C=CA
Issuer: EMAILADDRESS=410333817@qq.com, CN=Weijian Xiong, OU=NPU, O=NPU, L=Fremont, ST=CA, C=CA
Serial number: 75baff7942343ba1f99fbb5b4ec62df274d64c30
Valid from: Fri Jul 17 14:50:38 PDT 2020 until: Mon Jul 15 14:50:38 PDT 2030
Certificate fingerprints:
         SHA1: 3F:2B:F3:0A:C1:62:B5:69:3C:A6:09:20:14:F1:C9:DF:89:A2:BE:60
         SHA256: 2A:4A:DA:24:98:BD:24:DE:E3:05:23:18:9A:06:B7:3A:B3:20:6F:75:82:46:8E:3E:F3:E6:74:40:60:2A:1F:29
Signature algorithm name: SHA256withRSA
Subject Public Key Algorithm: 2048-bit RSA key
Version: 1
Trust this certificate? [no]:  yes
Certificate was added to keystore
```



```
C:\Keys>keytool -import -alias Deb -file DebTestCA.cer -keystore DebKeyStore.jks
Enter keystore password:
Certificate reply was installed in keystore
```



```
C:\Keys>keytool -list -v -keystore DebKeyStore.jks
Enter keystore password:
Keystore type: PKCS12
Keystore provider: SUN

Your keystore contains 2 entries

Alias name: deb
Creation date: Jul 17, 2020
Entry type: PrivateKeyEntry
Certificate chain length: 2
Certificate[1]:
Owner: CN=Weijian Xiong, OU=NPU, O=NPU, L=Fremont, ST=California, C=CA
Issuer: EMAILADDRESS=410333817@qq.com, CN=Weijian Xiong, OU=NPU, O=NPU, L=Fremont, ST=CA, C=CA
Serial number: 1235
Valid from: Fri Jul 17 15:18:15 PDT 2020 until: Sat Jul 17 15:18:15 PDT 2021
Certificate fingerprints:
         SHA1: 32:6C:58:99:F9:61:6E:ED:76:9B:AE:87:1B:80:17:FD:DF:98:0B:E6
         SHA256: 9B:CD:9B:4D:91:A0:04:78:8B:7E:90:C9:EE:14:AC:0D:8D:17:A1:11:BC:32:8D:BA:C2:ED:3F:D4:17:3F:D6:10
Signature algorithm name: SHA256withRSA
Subject Public Key Algorithm: 2048-bit RSA key
Version: 1
Certificate[2]:
Owner: EMAILADDRESS=410333817@qq.com, CN=Weijian Xiong, OU=NPU, O=NPU, L=Fremont, ST=CA, C=CA
Issuer: EMAILADDRESS=410333817@qq.com, CN=Weijian Xiong, OU=NPU, O=NPU, L=Fremont, ST=CA, C=CA
Serial number: 75baff7942343ba1f99fbb5b4ec62df274d64c30
Valid from: Fri Jul 17 14:50:38 PDT 2020 until: Mon Jul 15 14:50:38 PDT 2030
Certificate fingerprints:
         SHA1: 3F:2B:F3:0A:C1:62:B5:69:3C:A6:09:20:14:F1:C9:DF:89:A2:BE:60
         SHA256: 2A:4A:DA:24:98:BD:24:DE:E3:05:23:18:9A:06:B7:3A:B3:20:6F:75:82:46:8E:3E:F3:E6:74:40:60:2A:1F:29
Signature algorithm name: SHA256withRSA
Subject Public Key Algorithm: 2048-bit RSA key
Version: 1


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Alias name: testca
Creation date: Jul 17, 2020
Entry type: trustedCertEntry

Owner: EMAILADDRESS=410333817@qq.com, CN=Weijian Xiong, OU=NPU, O=NPU, L=Fremont, ST=CA, C=CA
Issuer: EMAILADDRESS=410333817@qq.com, CN=Weijian Xiong, OU=NPU, O=NPU, L=Fremont, ST=CA, C=CA
Serial number: 75baff7942343ba1f99fbb5b4ec62df274d64c30
Valid from: Fri Jul 17 14:50:38 PDT 2020 until: Mon Jul 15 14:50:38 PDT 2030
Certificate fingerprints:
         SHA1: 3F:2B:F3:0A:C1:62:B5:69:3C:A6:09:20:14:F1:C9:DF:89:A2:BE:60
         SHA256: 2A:4A:DA:24:98:BD:24:DE:E3:05:23:18:9A:06:B7:3A:B3:20:6F:75:82:46:8E:3E:F3:E6:74:40:60:2A:1F:29
Signature algorithm name: SHA256withRSA
Subject Public Key Algorithm: 2048-bit RSA key
Version: 1


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```