



# How to get a digital certificate for BIX

Guideline

Version history

<b>Version</b>	<b>Date</b>	<b>Description</b>	<b>Name</b>
V1.0	12Sep19	First version	Gabriel Marquie

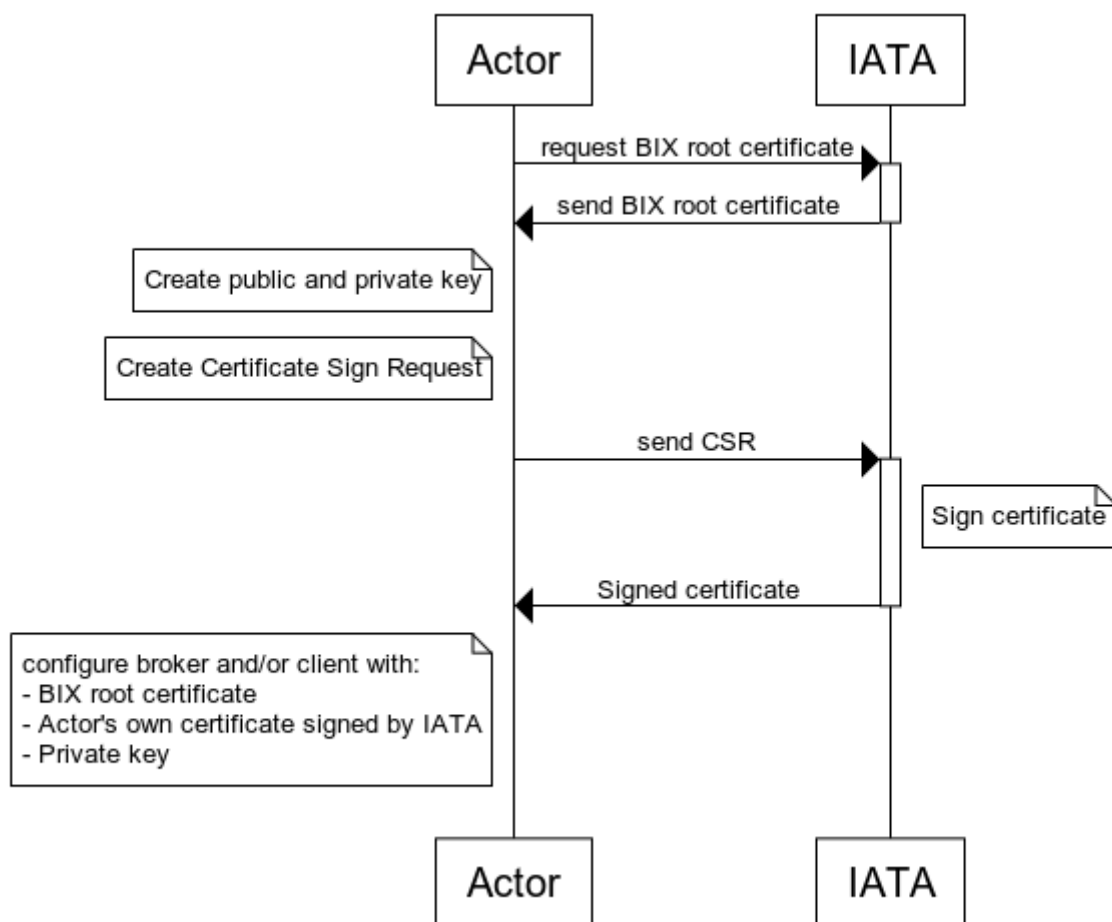
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# Background

This is a process based on email communication with IATA's Global Baggage Operations team. The emails are to be sent to [baggageservices@iata.org](mailto:baggageservices@iata.org) , This process will be replaced by IATA's identity management solution when implemented.

## Flow



# Step by step

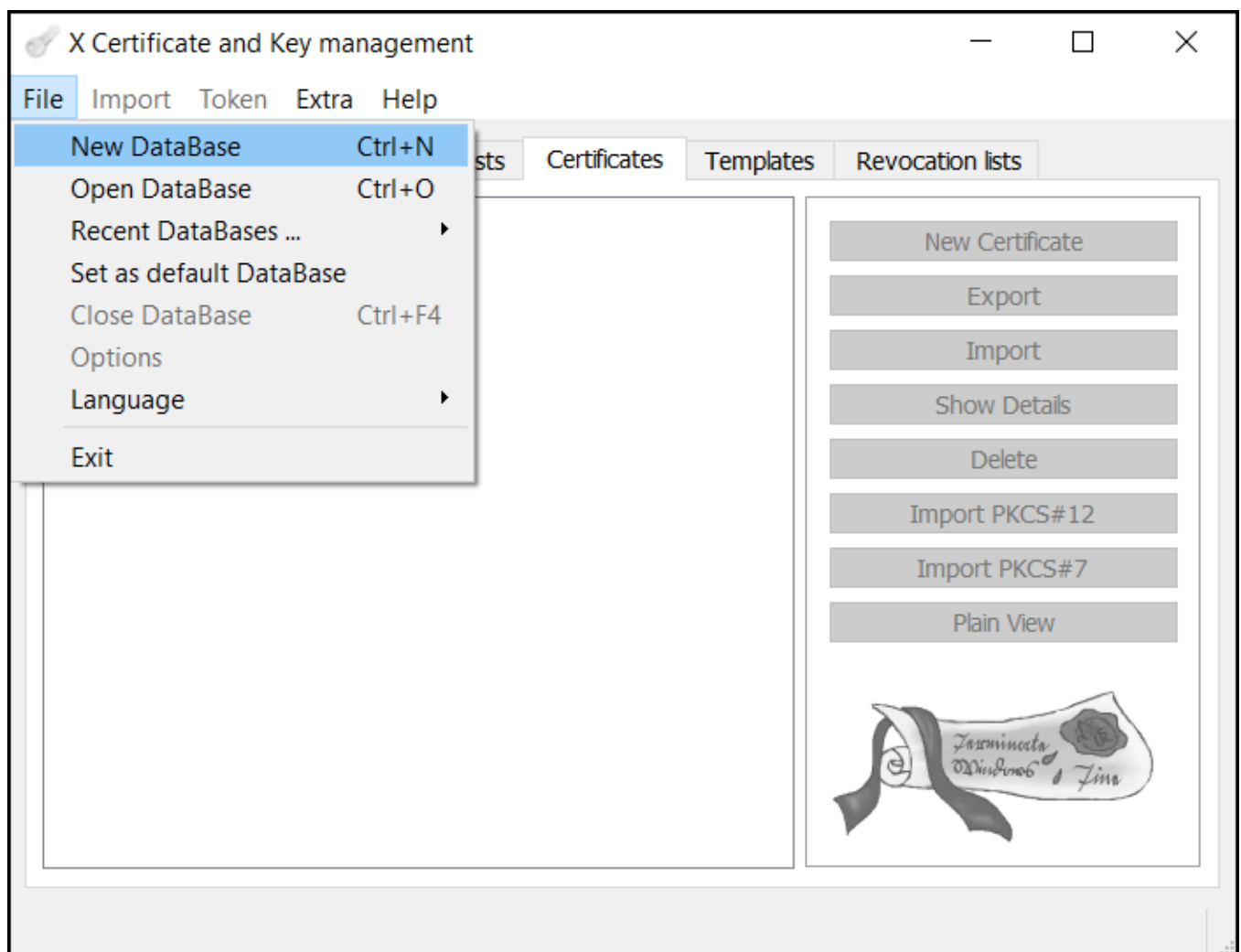
## Tools

The following example is provided using "X certificate and key management tool" (XCA). It can be downloaded from <https://sourceforge.net/projects/xca/>

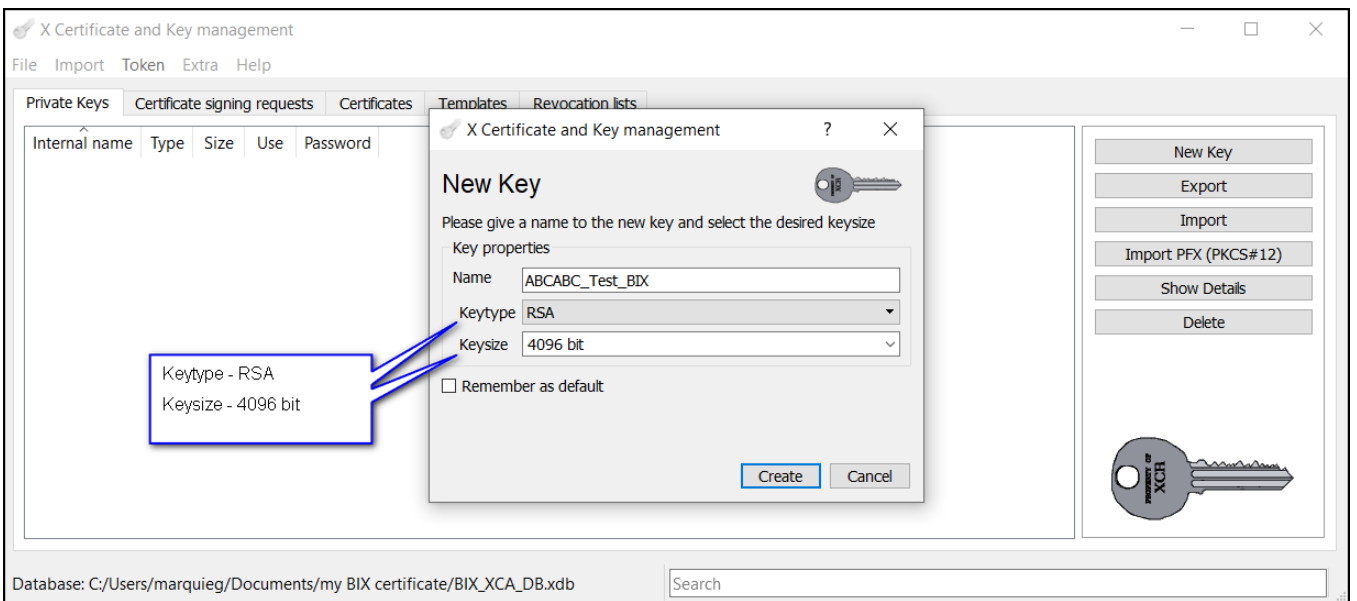
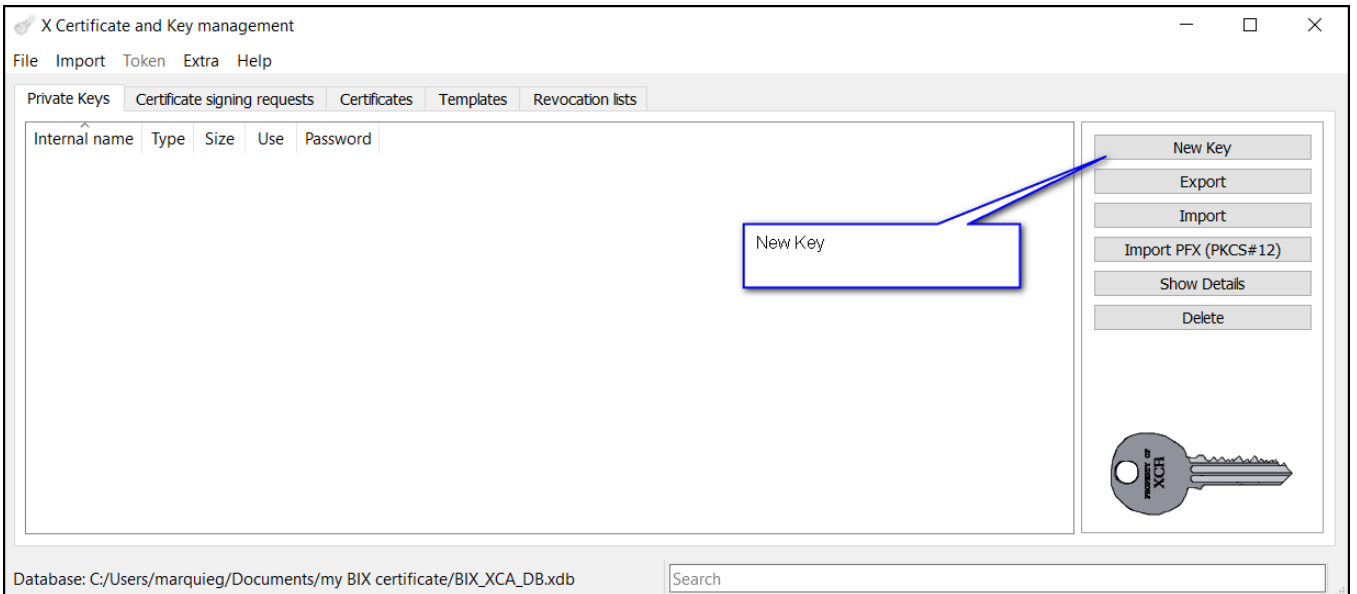
Other tools exist like open SSL.

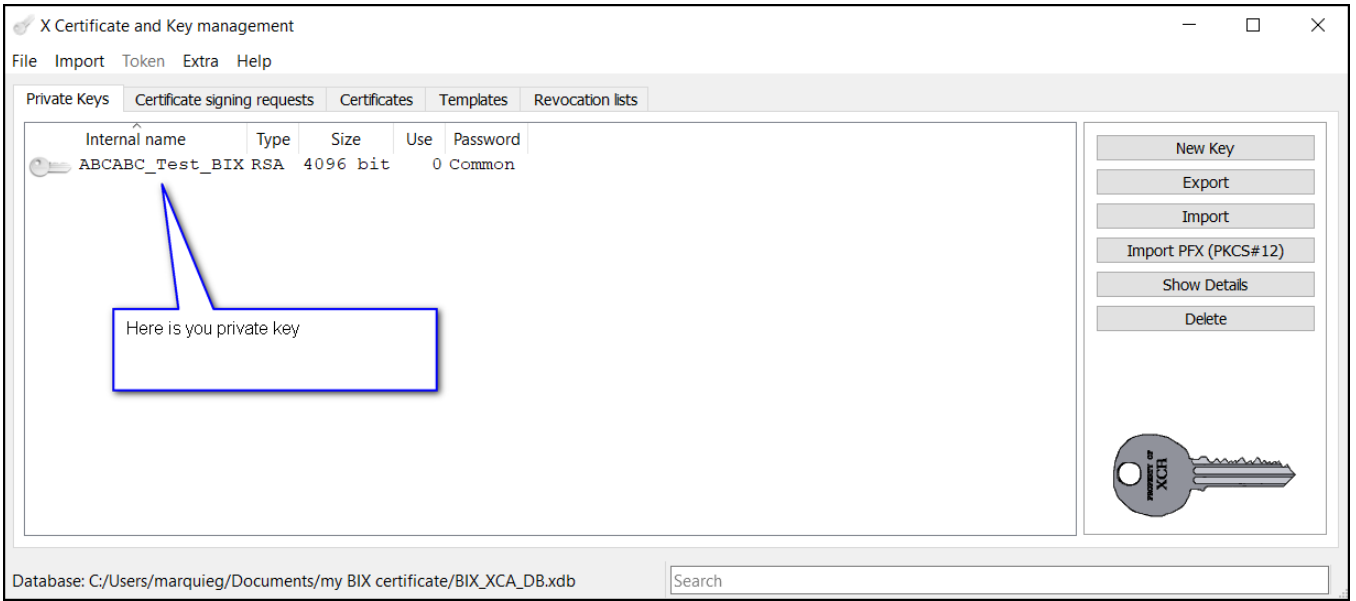
## Example

Create new XCA data base

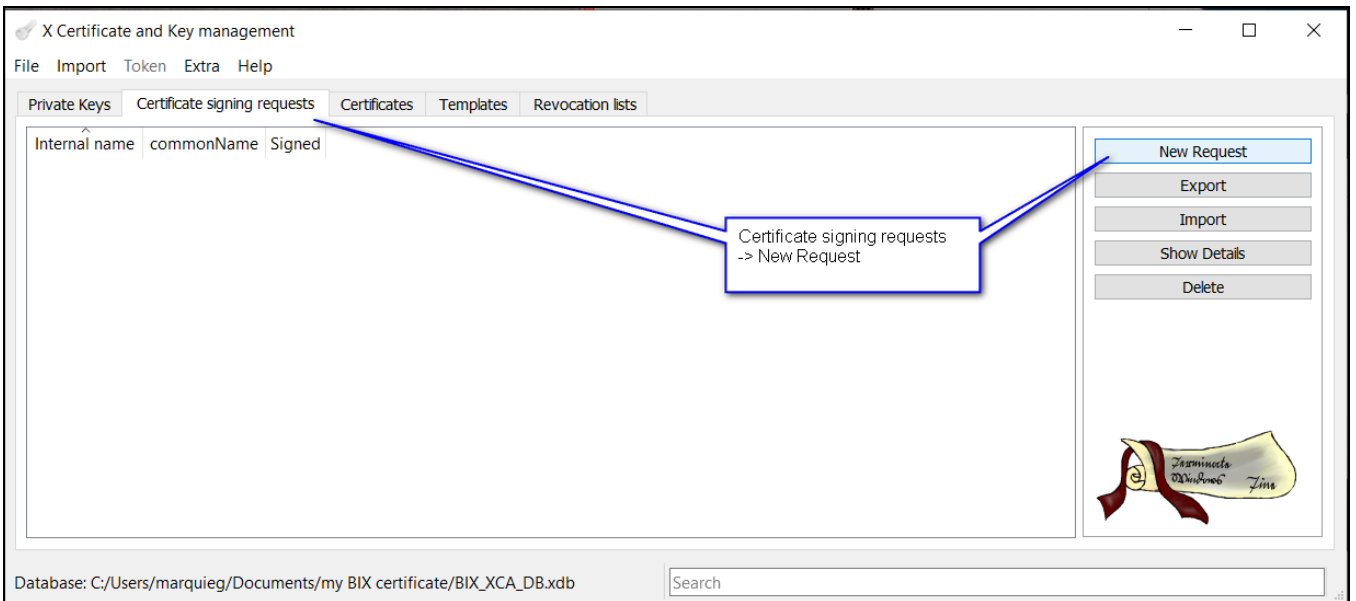


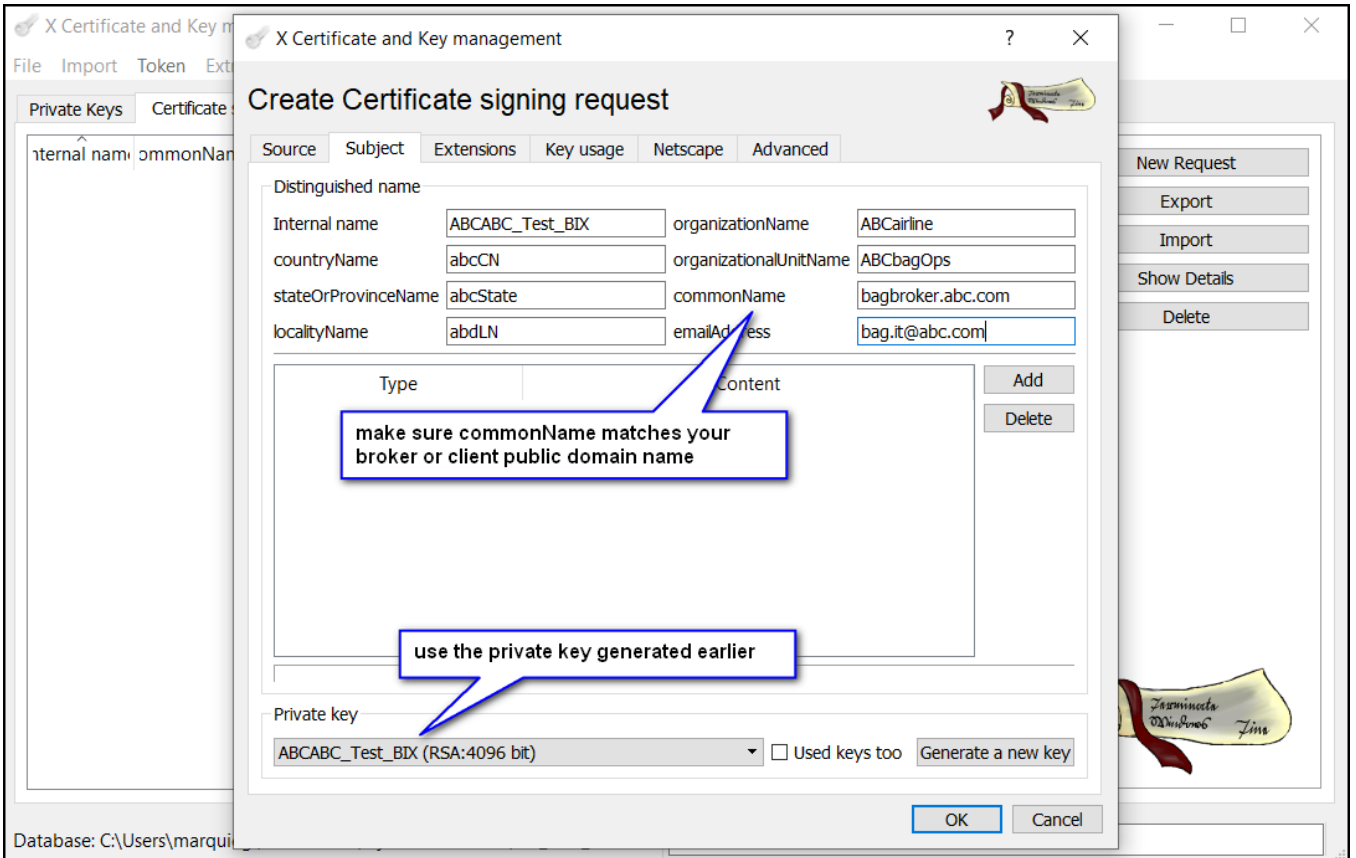
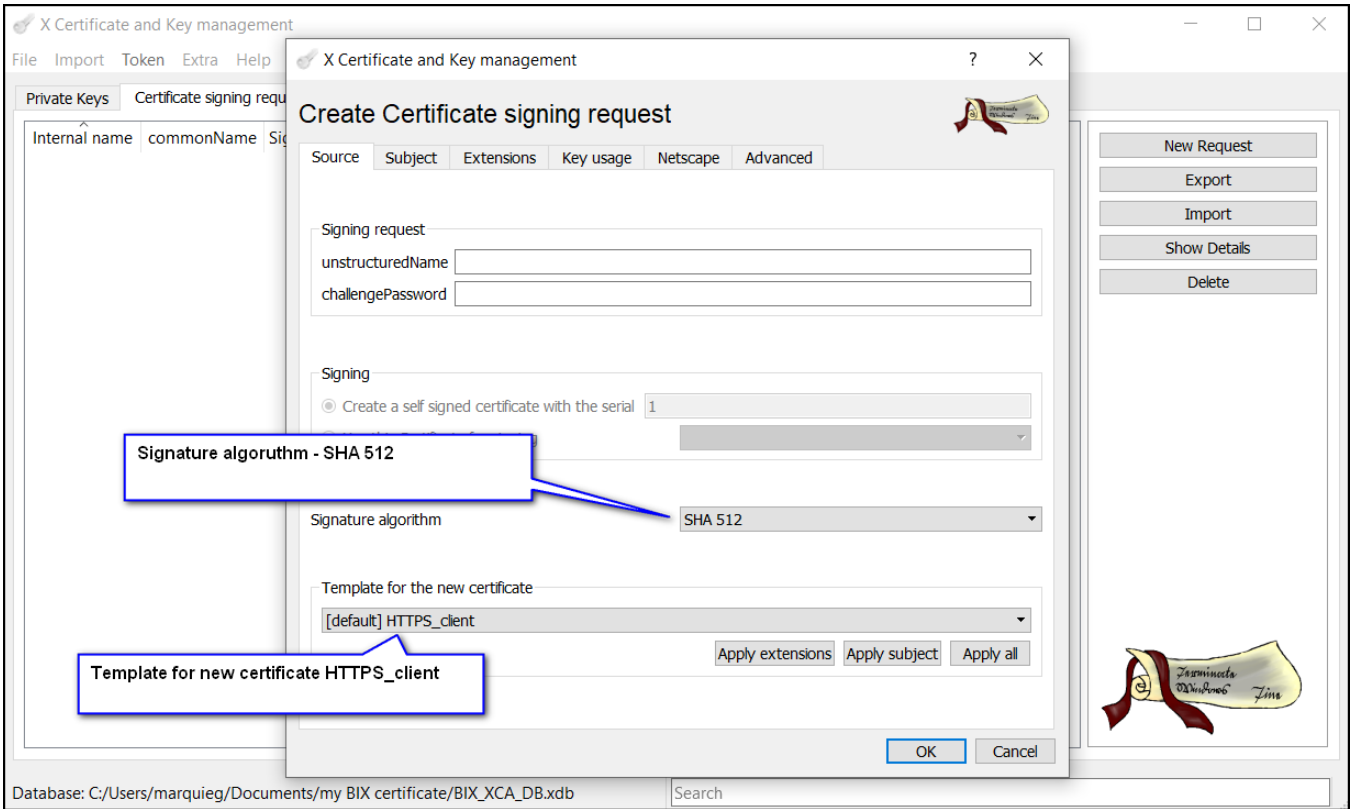
## Create own private key





## Create Certificate sign request







X Certificate and Key management

File Import Token Extra Help

Private Keys Certificate

### Create Certificate signing request

Source Subject Extensions Key usage Netscape Advanced

Distinguished name

Internal name	ABCABC_Test_BIX	organizationName	ABCairline
countryName	abcCN	organizationalUnitName	ABCbagOps
stateOrProvinceName	abcState	commonName	bagbroker.abc.com
localityName	abdLN	emailAddress	bag.it@abc.com

Type Content Add Delete

Private key

ABCABC\_Test\_BIX (RSA:4096 bit)  Used keys too

OK Cancel

Database: C:\Users\marquie...

**make sure commonName matches your broker or client public domain name**

**use the private key generated earlier**

New Request  
Export  
Import  
Show Details  
Delete

X Certificate and Key management

File Import Token Extra Help

Private Keys Certificate signing requests Certificates Templates Revocation lists

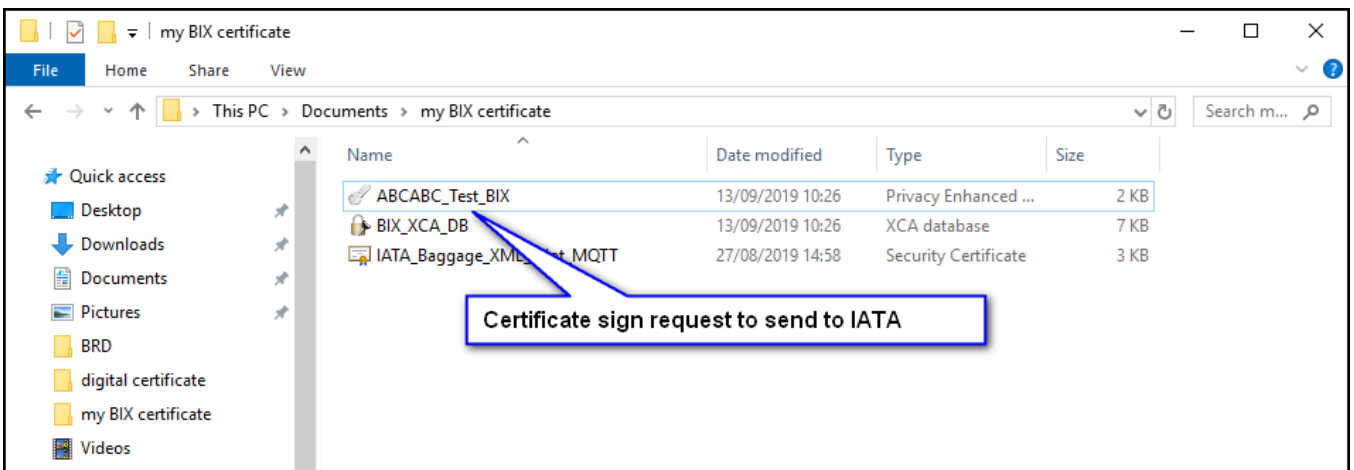
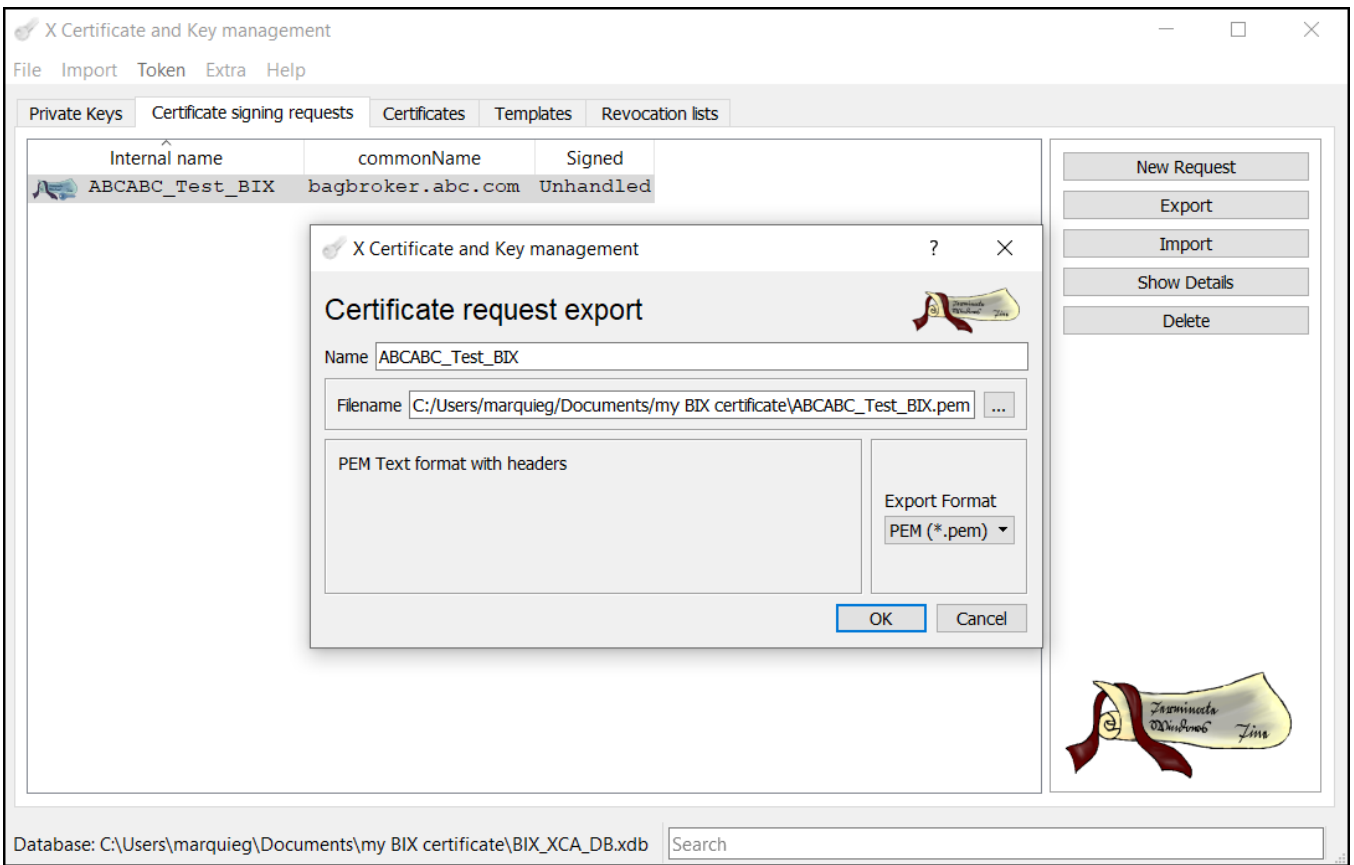
Internal name	commonName	Signed
ABCABC_Test_BIX	bagbroker.abc.com	Unhandled

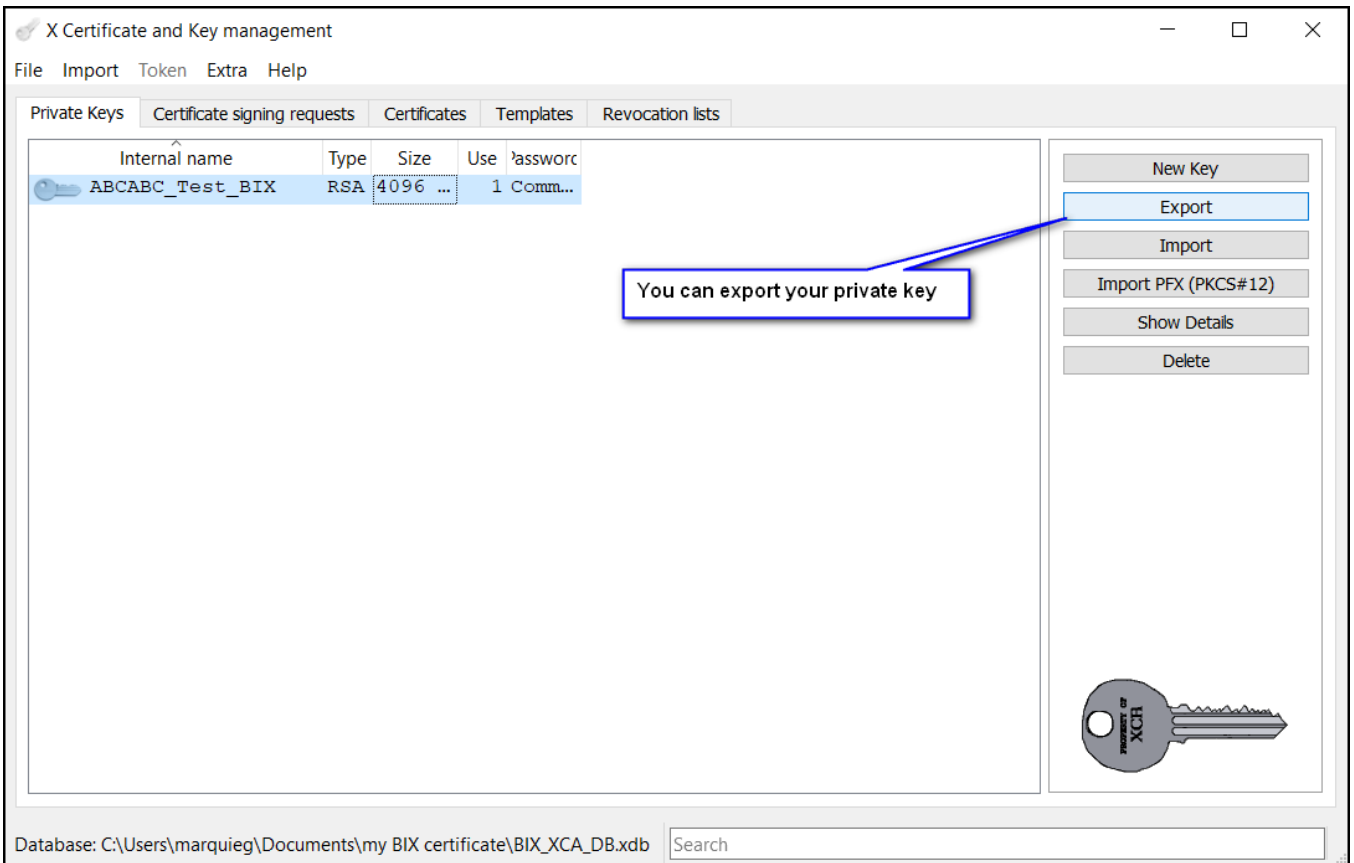
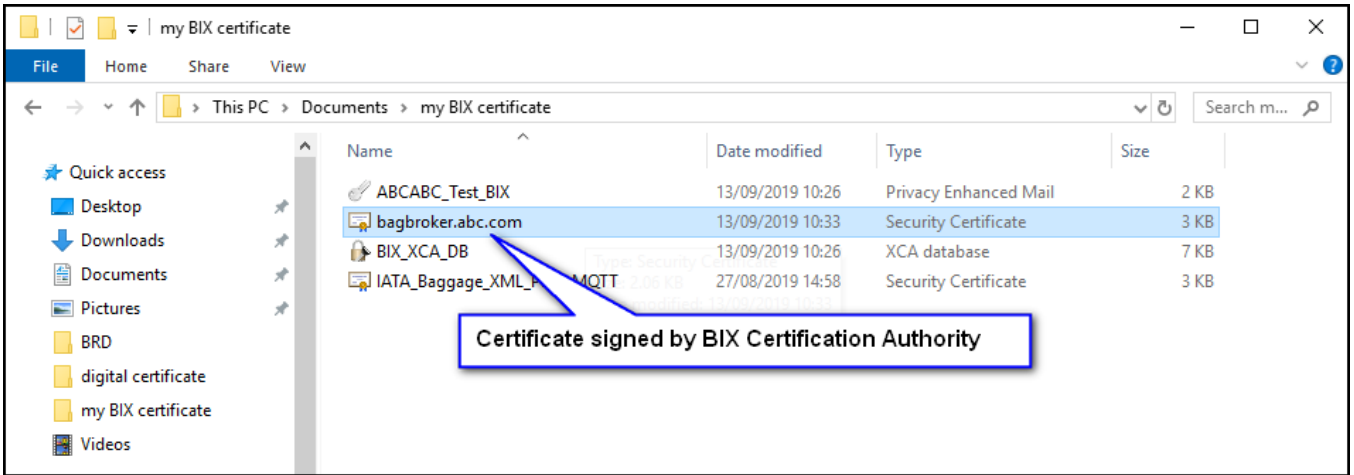
your Certificate Sign Request to be sent to IATA

Export the sign request

New Request  
Export  
Import  
Show Details  
Delete

Database: C:\Users\marquieieg\Documents\my BIX certificate\BIX\_XCA\_DB.xdb Search





You now have all you need to configure your BIX client or broker:

