How to get a digital certificate for BIX

Guideline
Version history

<table>
<thead>
<tr>
<th>Version</th>
<th>Date</th>
<th>Description</th>
<th>Name</th>
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<tbody>
<tr>
<td>V1.0</td>
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</tbody>
</table>
Table of Contents

Background........................................................................................................................................4
Flow..................................................................................................................................................4
Step by step......................................................................................................................................5
Tools................................................................................................................................................5
Example..........................................................................................................................................5
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, 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

- Key type: RSA
- Key size: 4096 bit
Create Certificate sign request
Make sure commonName matches your broker or client public domain name.

Use the private key generated earlier.

Your Certificate Sign Request to be sent to IATA.

Export the sign request.
Certificate sign request to send to IATA
Certificate signed by BIX Certification Authority

You can export your private key
You now have all you need to configure your BIX client or broker: