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THE FUTURE IS NOW

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September 2019
EUGridPMA, Karlsruhe

Jana Kejvalová, Jan Chvojka
DigiCert: Lesson learnt
41st EUGridPMA meeting in Manchester
September 2017:

What would you do when the browser CSR generation support is gone tomorrow?

Since Firefox 69, <keygen> tag support is gone.

Well, not completely.

Browser support for CSR generation (September 2019)

Based on the FireFox

Firefox ESR
(Extended Support Release)
For how long? January 2021?

IceDragon

WaterFox

But honestly - have you
heard about them?

Others

Safari
Supports <keygen>
Mac OS X only

MS Internet Explorer
But not MS Edge!
Windows only
CSR by ActiveX

Other possibilities

OpenSSL
Are non-IT people able to use it?

Homegrown JavaScript
Create PKCS#12 file
Import it to the browser/OS/HSM

Homegrown application
Trust? I18n?
Support for HSM?

Is this a sunset of the personal certificates?
How are **your users** generating their CSR?

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THANK YOU