

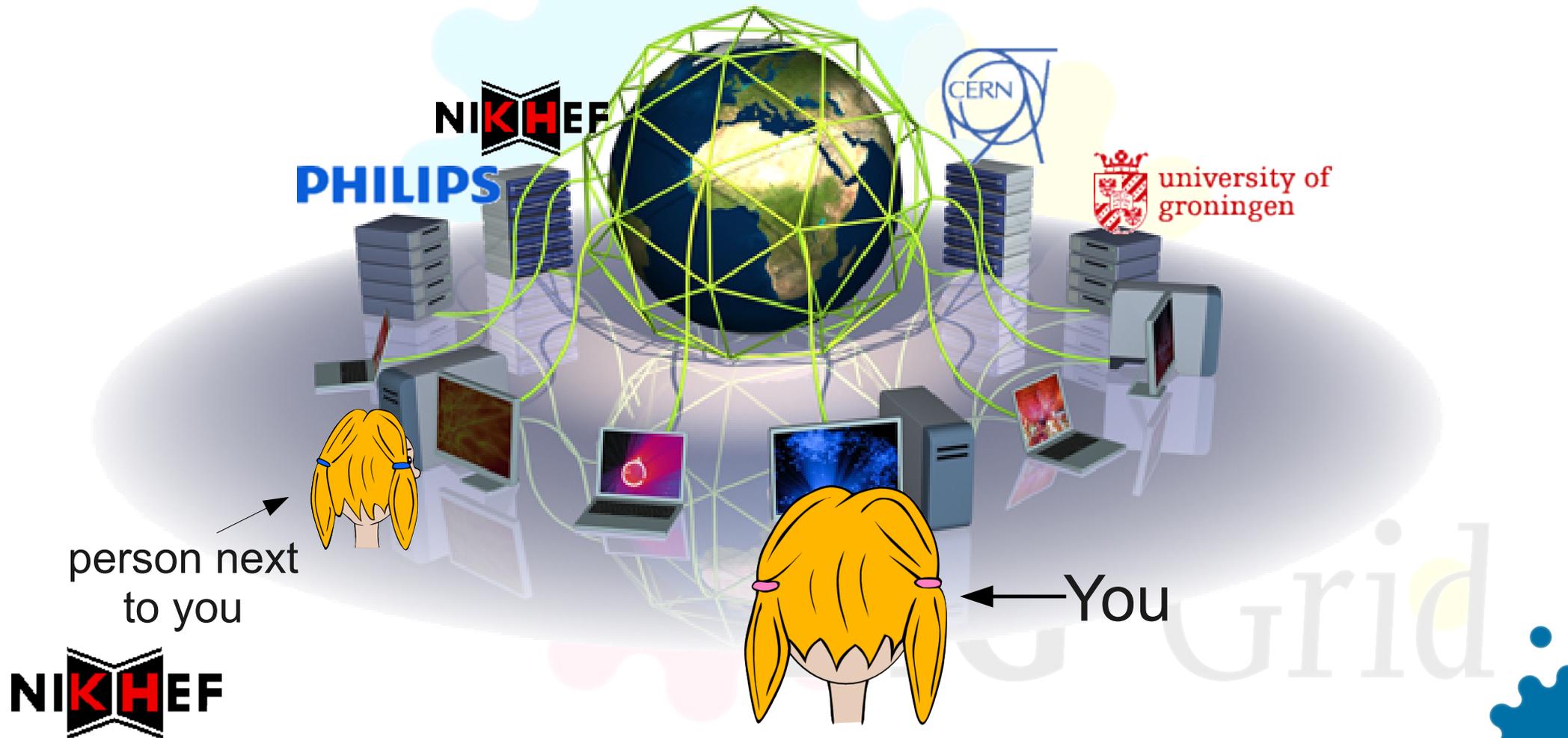
Simplifying grid certificates

jGridstart
and
beyond

Willem van Engen, Nikhef, Jamboree 16th of December, 2009

Grid certificates

- The grid needs to know who you are



Grid certificates

- The grid needs to know who you are
 - *Public certificate* and *private key*



(your secret!)

```
-----BEGIN CERTIFICATE-----
MZIEdyCCA12gAwIBAgICcmVDQYJKoZsXxcNAQEFBQAwUjELMAkGA1USBxMCTkwx
DzANBgN6BFoABK5JS0hFRjSDMDAGA1UEAxM6Tk1LS8VGIG1LZG1lbS1zZWNQWm10
eSBjZXJGa1Zbv2F0aw9uIGF1dGgwHhcNMDkwbvIxMDAwMDAwWhcNMTAwOTIxMTQy
NjM4WjBQMRmWzAYDVQQdDzgdXRjaGdyYWQxDjAMBGNVBAoMBXVzZXJzMQszDQYD
VQQKDAZuaWtoZWYxGTAXBgNVBAMFEpbGxlbSB2YW4gRW5nZW4wZ8wDQYJKoZI
hvcNAQEBBQADgY0AMI/JAoGBAKFfKdXC2ybdKoSwWZeqWE+5dHFGUfqwe#8sI5XR
iXgByN96nA82/xx6DYW/QT14qUcHAYCx+7jFK7s0SD80axb0ZY0DeMmgj6cPyHaC
1L74tiouHD/AaltUKF/HQIijSnDki0dm3mWk02GQlWHffa755c+lwcb8rjtT2ry
...
```

```
-----BEGIN RSA PRIVATE KEY-----
Proc-Type: 4, ENCRYPTED
DEK-Info: DES-EDE3-CBC, 26c639f0a01b0186
```

```
1DEdWeCQldFVZCsSAsBqC2+Tbo2DzQB0/4nFGDvka8GTysL7qU66rFpwyq94qZJb
0Dp7iG5ZxVAV/43Z2dUGYvkc037/6dArm3b0e/CruvgD9upeC4A40sUraoK4hMB
n/fs+yTN72N9NPKGqGa571u6ToM+XEI8pp5L2zGhjUZxBFZ2iDh2t3GvcFYSDugA
bM90ueRhh0nN57N7pnKsiEXoiU1Zw30/mSmIzaxHvWBIVeb5bXiJC/9asXJzGU8F
xcMQDJGT35ELidAvwSWF7qrcHNvEFPe8gEqAN0o3uhoaienkuCNAP80aiWnB3DjY
...
```


Today: jGridstart



Today: jGridstart

DutchGrid Certification Authority	
<i>Reserved for CA operations use</i>	
/O=dutchgrid/O=users/O=nikhef/CN=Jan Klaassen	
<input type="checkbox"/> ID document valid	<input type="checkbox"/> PoP challenge bededd03a849
Surname Klaassen	
Given names Jan	
Place of Birth	Date of birth
<input type="text"/>	<input type="text"/>
Identity paper type, number, country	
<input type="text"/>	
SOFI number <small>[optional]</small>	
<small>(for PoP challenge, see CA area at top of form)</small>	
Contact Information	
Name Jan Klaassen	
Organisation	



Today: jGridstart



Today: jGridstart

- Single intuitive user-interface
 - No need to use the command-line anymore
- Renewal is just as easy



Available now at a Certificate Authority near you

Next year: online certificate service

- What makes it so involved?
 - We need to see your id
 - Secret key must remain private



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Next year: online certificate service

- What makes it so involved?

- ~~• We need to see your id~~

- Secret key must remain private
for local use



- But ... can't this be solved?

- Yes! *Terena Online Certificate Service*

- Generate your certificate with institution login



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Conclusion

Managing your (user) certificate
has never been easier

and it'll only get better :)

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The 'BiG Grid' logo is centered on the page. It features the text 'BiG Grid' in a large, grey, serif font. Behind the text is a cluster of five interlocking gears in light blue, light green, yellow, pink, and grey. The background is white with scattered light blue and pink circles, and a blue splash in the bottom right corner.

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