CNRS CA

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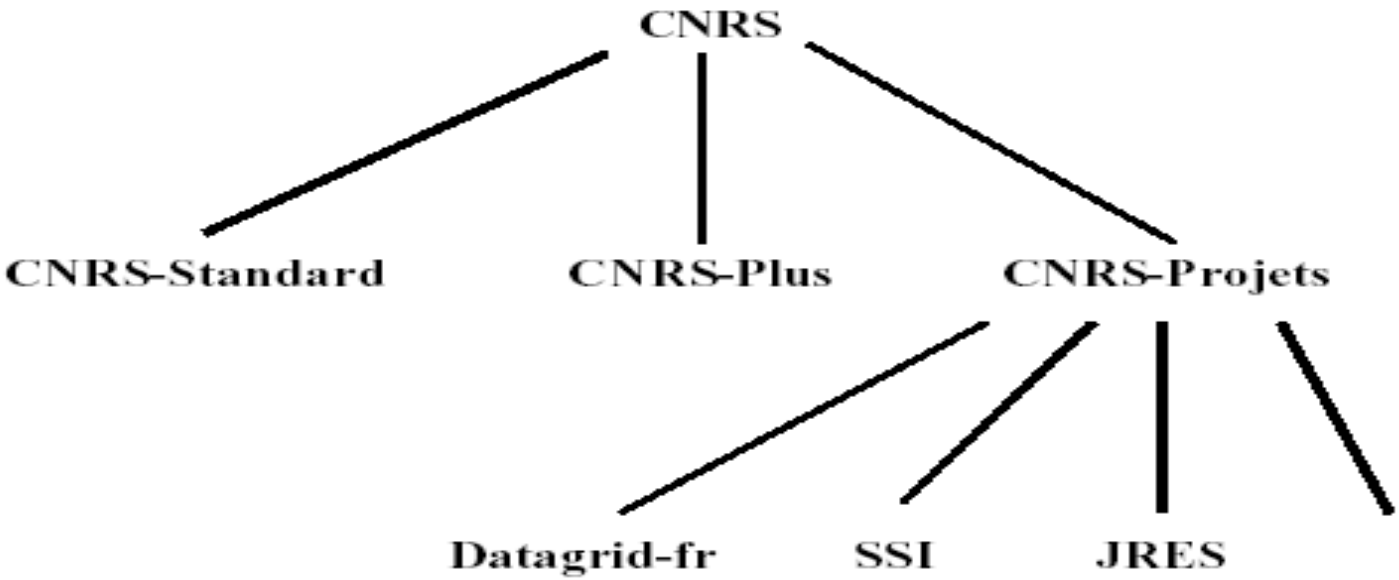
Overview of the CNRS CA

- 1000 valid certificate issued by the CAs CNRS at February 2002
- + 1800 issued by CNRS-Test before February
- 75 Registration authorities
- Every week around 30 certificates are issued
- Future : Each CNRS people will have a certificate (around 24 000)



Status of the sub-CA Datagrid-fr

- Issued certificates for
  - 20 units of the CNRS
  - 5 others institutes (soon 6 with Austria)
- 148 certificates issued at 09 January 2002
  - 132 valids
    - 70 personals
    - 62 servers
  - 14 revoked
  - 2 expired

Other institutes (1)

- CEA, Commissariat à l'Energie Atomique, France
  - DAPNIA, Département d'Astrophysique, de physique des Particules, de physique Nucléaire et de l'Instrumentation Associée à Saclay
    /C=FR/O=CEA/OU=DAPNIA
    Contact : Denis Calvet CEA/DAPNIA
    First certificate issued on 16/05/01
    8 certificates issued and valid, 5 personals and 3 servers
- CS, Communication & Système, France
  - SI, Système d'information
    /C=FR/O=CS/OU=SI
    Contact : Marc Drabik CS/SI Aix, Marc.Drabik@c-s.fr
    First certificate issued on 06/06/01
    2 personal certificates issued and valid

Other institutes (2)

- ESA, European Space Agency
  - ESRIN, European Space Agency Centre in Frascati, Italy
  - /C=IT/O=ESA/OU=ESRIN
    Contact : Julian Linford ESA/ESRIN
    First certificate issued on 15/05/01
    6 certificates issued and valid, 4 personnals and 2 servers
- TUD, Technische Universitaet Dresden, Germany
  - IKTP, Institut fuer Kern und Teilchenphysik (Institute of Nuclear and Particle Physics) in Dresden. **BaBar** experience
  - /C=DE/O=TUD/OU=IKTP
    Contact : Dominique Boutigny IN2P3/LAPP
    First certificate issued on 21/12/01
    2 certificates issued and valid, 1 personnal et 1 server

Other institutes (3)

- URA, University Research Association aux US
  - FERMILAB **DØ** experience
    /C=US/O=URA/OU=FERMILAB
    Contact : Ruth Pordes URA/Fermilab
    First certificate issued on 12/10/01
    1 personal certificate issued and valid
- University of Innsbruck, Austria
  - HEPG, High Energy Physics Group. **ATLAS** experience
    /C=AT/O=UIBK/OU=HEPG
    Contact : Reinhard Bischof UIBK/HEPG
    First certificate will issue next week

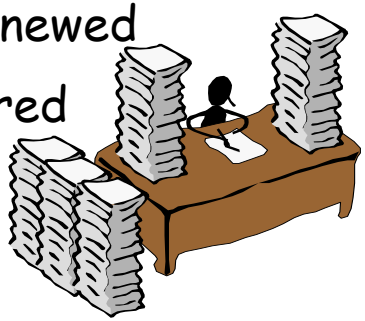
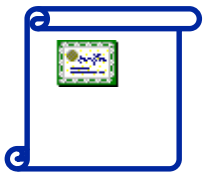
CNRS Units

- 20 unités du CNRS
  - 129 certificates issued
  - 113 certificates valid including
    - 57 personals and 56 servers
  - 14 certificates revoked
  - 2 expired
- UREC, Marseille, Grenoble, Lyon
- CPPM, Marseille
- CC-LYON, CREATIS, IBCP, BBE in Lyon
- LPC, LBP, LIMOS in Clermont
- LPNHE, Palaiseau
- LAL, Orsay
- IPSL, Paris Jussieu
- GAM, LPM in Montpellier
- LAPP, Annecy
- SUBATECH, Nantes
- ISN, ID in Grenoble
- CENBG, Bordeaux
- LSIIT, Strasbourg

Process to renew certificates

1. User receive an email **two months before** the expiration of his certificate
   - He reply to this email "**agree** to renew my certificate"
   - Or "**refuse** to renew my certificate"

2. Registration Authority receive an email to verify the request
   - The RA **accept** the request → the certificate is renewed
   - The RA **refuse** the request → the certificate expired



3. The user receive his new certificate with the same DN