

# CANARIE

## Grid Canada CA Update

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*Darcy Quesnel*

*[darcy.quesnel@canarie.ca](mailto:darcy.quesnel@canarie.ca)*



# Grid Canada

- > Project formed as an MOU between CANARIE, the National Research Council of Canada, and C3.ca
- > Signs certificates of the form “/C=CA/O=Grid/\*”
- > Information available at [www.gridcanada.ca/ca](http://www.gridcanada.ca/ca)



# Canadian Grid Efforts

- > **Three Canadian grid-related projects now use the Grid Canada CA and provide an RA**
  - NRC Inter-Institute Program on High Performance Computing
    - <http://www.nrc.ca>
    - *Ratilal Haria, RA*
  - WestGrid
    - <http://www.westgrid.ca>
    - *Rob Simmonds, RA*
  - Atlas Canada
    - <http://atlas-canada.web.cern.ch>
    - *Ashok Agarwal, RA*



# Canadian Grid Efforts

- > **Hope to see more projects come on board in the new year**
  - SHARCNet/HPCVL
  - Canadian Data Grid Effort
    - Brings together Canadian Virtual Observatory, Canadian Forestry Service, Canadian Bioinformatics Resource, etc.
  - Access Grid Canada
    - Access Grid 2.0 is now GSI-based
  - CANARIE directed research programme in User-Controlled LightPaths
    - OGSA-compatible solutions are being deployed



# GC CA Process Additions

- > **Ratilal Haria of NRC becomes co-CA, signing requests when I'm not at NRC**
  - Which has turned out to be fairly often
  - Secure CA machine has always resided at NRC site



# GC CA Statistics

	<b>Q2 2002</b>	<b>Q3 2002</b>	<b>Q4 2002</b>	<b>Q1 2003</b>	<b>Q2 2003</b>	<b>Q3 2003</b>	<b>Q4 2003</b>	<b>Total</b>
<b><i>Host</i></b>	2	3	8	6	1	8	16	<b>44</b>
<b><i>Service</i></b>	2	0	0	1	2	1	5	<b>11</b>
<b><i>User</i></b>	4	2	6	9	12	18	115	<b>166</b>
<b>Total</b>	<b>8</b>	<b>5</b>	<b>14</b>	<b>16</b>	<b>15</b>	<b>27</b>	<b>136</b>	<b>221</b>
<b><i>Revoked</i></b>	3	1	5	4	1	5	2	<b>21</b>



# Signed Applets

- > **Jean-Claude Côté of NRC has developed some signed applets**
  - To replace grid-cert-\*, grid-proxy-\*, myproxy-\*
  - Some classes added to Globus
- > **Hope to deploy these on the Grid Canada site in the new year**
- > **Would like to work with others on this and on the back-end**



# Contact Information

## > Grid Canada CA

- <http://www.gridcanada.ca/ca>

## > Darcy Quesnel

- [darcy.quesnel@canarie.ca](mailto:darcy.quesnel@canarie.ca)
- [ca@gridcanada.ca](mailto:ca@gridcanada.ca)