Status of Grid Infrastructure in Canada

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1) <u>Sites & Hardware</u>: *Funding for High-Performance Computing in Canada was combined a couple of years ago into one national organization: Compute-Canada.*

 - *65 universities*
 - *it took until now to get kit on the floor & allocated (a lot of work!)*
   (still 2 WLCG sites left to do: Victoria in Dec'09, Québec in Jan'10)
 - *next funding round late next year, but HEP sites are good for 3-4 yrs*
 - *(Tier-1 has dedicated funding until ≈2012; TRIUMF $$ after that)*

2) <u>Network Infrastructure</u>: *Provided by CANARIE + ORANs*
   - *CANARIE is up for funding renewal in 2011, but should be OK*

3) <u>Tier-2 Manpower</u>: *ATLAS-Canada received a 3-year grant to fund 50% of a person at each of the Tier-2 sites*
   ➔ *leveraged to a full person*
   ➔ *Grid services & ATLAS software*

Grid in Canada - II

4) *Certificate Authority:* - *Had some problems last year*
- *Taken over by the National Research Council*
- *New system being evaluated*

5) *Regional Operation Centre:* *CERN ROC will shut down Dec.'09*

- *TRIUMF is establishing a new ROC to service sites that were in the CERN ROC (Canada, China, …)*
- *Nagios box set up for SAM tests ➜ being commissioned now*
 BDII set up
 Web server coming
- *TRIUMF person designated as ROC manager taking CERN shifts now*
- *Nov.23rd: one test site in Canadian ROC*
- *1st week of December: all sites in; parallel operation with CERN ROC*