Next Steps

Policy for re-use

- This presentation can be re-used for academic purposes.

- However if you do so then please let training-support@nesc.ac.uk know. We need to gather statistics of re-use: no. of events, number of people trained. Thank you!!

Goal of talk

- Thus far the emphasis has been on what the NGS is, and how to use its core services.

- The goal of this talk is to ensure that intending users of the NGS know
  - relevant support services and procedures
  - The steps to be taken to join the NGS

Overview

- What you can do next:

  1. Obtain a UK e-Science Certificate
     THEN

  2. Apply for access to the NGS

     - You join personally – not as a project

  3. Whilst these are being processed

  – Determine your options for running grid commands

  – Set up equivalent of training-ui.nesc.ac.uk?

  – Use gsissh on windows?
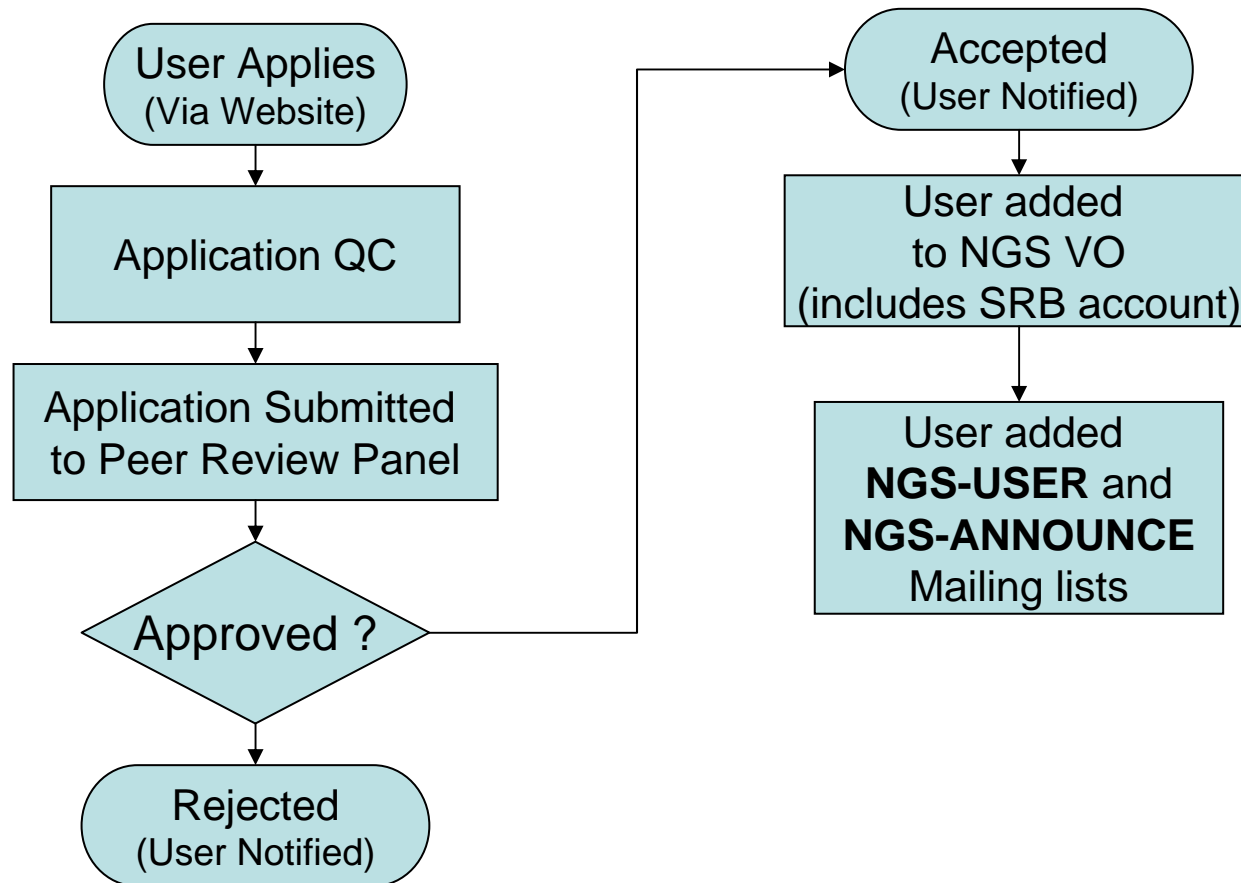
- More training?!

How Do I Get A Certificate?

- You need a valid UK certificate before applying for an NGS account:
  - https://ca.grid-support.ac.uk, the UK Certificate Authority.
  - You will probably need to provide non-electronic proof of identity to your local representative of the CA.
    - For example: a photocopy of your passport.
      - See http://www.grid-support.ac.uk/archive/ca/ralist.htm
  - Ensure that you use the same browser (on the same computer) that you sent the request from to download your certificate.
  - Always keep this certificate secure.
- Follow instructions on UK CA pages

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Apply for access to the NGS

- Via www.ngs.ac.uk/access

- You need a UK e-science certificate before you apply

- Simple web form
  - Specify cpu time, storage you want,..
  - Accept NGS policies

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User Registration (Process)

User Applies
(Via Website)

Application QC

Application Submitted
to Peer Review Panel

Approved ?

Rejected
(User Notified)

Accepted
(User Notified)

User added
to NGS VO
(includes SRB account)

User added
NGS-USER and
NGS-ANNOUNCE
Mailing lists

Access to data services

- With your NGS account, you get
  - SRB account

- Can apply for an Oracle account

Projects and VOs

- Project-based applications being dealt with case-by-case

- Want to host your data on NGS?
  - consider GridFTP, SRB, Oracle, or OGSA-DAI
  - NGS maintains infrastructure
  - you populate and manage data

- Want to use NGS resources to provision services, portals for a community of users?
  - next slide

Resource providers

Resource providers join the NGS by

- Defining level of service commitments
- Adopting NGS acceptable use and security policies
- Run compatible middleware
  - as defined by NGS Minimum Software Stack
  - and verified by compliance test suite
- Support monitoring and accounting

Two levels of membership

1. Affiliates run compatible stack, integrated support
2. Partners also contribute "significant resources"

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More training?

- Watch http://www.nesc.ac.uk/training/events
- Also http://www.nesc.ac.uk/esi/esi.html

- Digital Library: http://egee.lib.ed.ac.uk/

- 21-23 February 2007 – Application Development on the NGS

- Email: training-support@nesc.ac.uk

Summary

- What you can do next:
  1. Obtain a UK e-Science Certificate
     THEN
  2. Apply for access to the NGS
     - You join personally – not as a project
  3. Whilst these are being processed
  - Determine your options for running grid commands
  - Set up equivalent of training-ui.nesc.ed.ac.uk??
  - Use gsissh on windows?
- Its free to UK academic researchers!