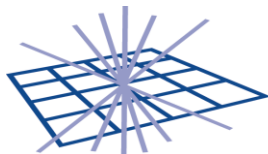


# Traceability

## WLCG GDB

Amsterdam, 7 March 2016

David Kelsey  
STFC/RAL



**GridPP**  
UK Computing for Particle Physics

# *Ian Bird – Lisbon Summary*

## *Security, AAA, etc*

- Fully address traceability:
  - Freeze deployment of glexec – keep it supported for the existing use, but no point to expend further effort in deployment
  - Need full traceability solutions and tools:
    - Experiment frameworks
      - Work needed to get VO traceability info into CERN SoC (or to ...)
    - Use of VMs/containers helps
    - Invest in deploying ‘big data’ tools for managing traceability data
      - SoC capability, appliances?
- Traceability working group needed?
- This is a reflection of the trust of VO’s now, rather than trying to trust many individuals

# Policy on Traceability & Logging

- Management of Risk
- Identify cause of incidents
  - essential to prevent re-occurrence
- Contain the impact of an incident
  - keep services operational
- Response commensurate with scale of the problem
- Identify the source of all actions
  - and the individual who initiated them
- Fine-grained controls
  - block the originating user
- Essential to understand cause
  - fix problems before re-enabling access for the user

# Aims today

- What can we change to improve traceability?
  - Especially with new technology
  - Change in trust models
- Replacement for gLexec in the longer term
- Do we need a working group?

# Agenda

14:00

## **WLCG Risk Assessment revisited 15'**

Speaker: Ian Neilson (STFC RAL (GB))



GDB\_20160307\_Ris...



WLCG Risk Assess...

14:15

## **A new Model for traceability & separation 20'**

Speaker: Vincent Brillault (CERN)



GDB\_201603-New\_...



GDB\_201603-New\_...

14:35

## **VO Perspective 15'**

Speaker: Alessandro Di Girolamo (CERN)

14:50

## **Security Operations Centre update 25'**

Speakers: Liviu Valsan (CERN), David Crooks (University of Glasgow)

15:15

## **Discussion 35'**

Speaker: Ian Peter Collier (STFC - Rutherford Appleton Lab. (GB))