

# e-Infrastructure Programme

## Identity Management and Levels of Assurance Call

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- Introduction to e-Infrastructure Security
- Identity Management and Levels of Assurance Call:
  - Background
  - Aims
  - Call areas
  - Funding and timescales
  - First phase deliverables
  - Second phase deliverables
  - Other considerations
- Questions

- One of the four themes of e-Infrastructure
- Split into four areas:
  - Identity management and levels of assurance (IM & LOA)
  - Core functions
  - Developing and enhancing federated tools and services
  - Virtual Organisation authorisation and management tools and services
- Part of the ongoing work by JISC on security and access management
- Builds on the existing work in Core Middleware
- Links with the Transition to Federation programme

- Trust amongst members of a federation requires robust identity management to be in place
- Different resources require different levels of assurance of a user to be able to access them
- Therefore need to gain consensus on:
  - Equivalence of IM practices, processes and technologies
  - How different LOA are created and assigned to resources
- Increased use of virtual organisations by researchers to collaborate could change IM and LOA in institutions

- Help establish consolidation and consensus amongst the community on existing practice in the areas of identity management and level of assurance (phase 1)
- Develop solutions to resolve gaps/issues (phase 2)

### ■ First Phase:

- Identity Management within Institutions
- Identity Management across Institutional Boundaries
- Defining Level of Assurance
- Appropriate Level of Assurance

### ■ Second Phase:

- Closed call for gaps/issues identified in first phase

- £650,000 in total
  - £400,000 for four projects in phase one
  - £250,000 for phase two
- Two year duration with potential for six month extension
  - Phase one over one year
  - Phase two over one year
- Teams can bid for more than one area but must work with the other project teams

- Review of current institutional practice with recommendations
- Review of current and emerging tools with recommendations
- Set of LOA recommendations for use in UK education and research
- Recommendations and exemplars of appropriate LOA for resources protected by the NGS, the UK Federation and Athens
- Solutions to support the application of recommendations made within projects

- Documentation on the problem and the anticipated resolution
- Documented open source software (unless otherwise agreed)
- Documentation of trials
- Outputs lodged in the e-Framework

- Contribute to the e-Framework for Research and Education
  - Reference models
  - Services that are not already included
- Support for JISC dissemination activities
- Availability of software and information to the community

- Questions and answers on the call

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