

Monthly Report	Version: August
MAMS Mini-grant Project	Date: 9/12/20069/12/2006

MAMS Mini-grant Project

1. Vision

The goal of this project is to provide a secured federated authentication and authorisation infrastructure interface for the E-Research Grid services for DART and LIEF funded Data Grid projects. This infrastructure will be extended for other E-Research services at later stage.

2. Scope

The scope of this mini-grant testbed project is to join the MAMS federation at level 2 and provide a secured federated authentication and authorisation infrastructure interface for the services from DART and LIEF funded Data Grid projects among Monash, ANU, UQ and JCU.

3. Higher Level Work Breakdown

3.1 Current Project Team

Name	Monash Position	MAMS Mini-grant project role
Leon Troeth	Manager, ITS Identity & Messaging Services	Chief Investigator
A.B.M. Russel	Software Specialist (E-Research), Shared Systems, ITS Division DART Lead Investigator SI-7 WP	Chief Investigator, Project Leader Service Providers
Lawrie Hanson	Team Leader, Registration and Authentication Services, ITS Identity & Messaging Services	Lead Investigator , Project Leader Identity Providers
Michael Guenzel	Administrator Developer, Registration and Authentication Services, ITS Identity & Messaging Services	Developer, Identity Providers
	Systems & Interface programmer	Developer(s), Service Providers

3.2 Shibbolizing E-Research Grid Services

As part of the DART and LIEF funded Data Grid projects, Monash is developing pilot services which use GT4, MyProxy and SRB as core Grid middleware. Some of these services will be shibbolized using MAMS IAM suit as part of this grant.

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3.3 Monash Identity Provider

This project aims to develop a production Identity Provider for Monash University at level 2 including seventy thousands Monash users.

3.4 Monash Service Provider

This project aims for developing shibbolized Service Provider for some of the pilot services from the above mentioned projects. This includes development of shibbolized Gridsphere framework to provide federated authentication and authorisation infrastructure interface for the E-Research Grid services.

3.5 Current Status & Issues

- Designing the SSO Service Provider architecture for the E-Research services
- Received the shibbolized Gridsphere portal framework
- Testing/Installing shibbolized Gridsphere portal framework
- Adding Systems & Interface programmers for developing the service provider
- Need to discuss with MAMS development team about the certificate matters on the Myproxy at the service providers part.