



WP6: e-Infrastructure Operations



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Overview and goals



- Operate MAPPER e-Infrastructure and services
 - Installation and configuration
 - Monitoring
 - Accounting
- Achieve interoperability with the existing e-Infrastructures, including EGI and PRACE
- Ensure sustainability of the infrastructure beyond the project's end

Achievements



- Deployment of MAPPER e-Infrastructure
- Installation and operation of MAPPER fast-track components
- Participation and support of the EGI-MAPPER-PRACE task force
- Definition of the MAPPER operational and support process models

MAPPER e-Infrastructure






- MAPPER pre-production infrastructure
 - Cyfronet, LMU/LRZ, PSNC, TASK, UCL, WCSS
 - Environment for developing, testing and deployment of MAPPER components
- Central services
 - GridSpace, MAD, MaMe, monitoring, web-site
- EGI-MAPPER-PRACE task force
 - SARA Huygens HPC system

MAPPER e-Infrastructure






- Monitoring to ensure availability of MAPPER services
















Application Hosting Environment (ahe)

Host	Status	Services	Actions
crick.chem.ucl.ac.uk	UP	1 OK	  







GridFTP (gridftp)

Host	Status	Services	Actions
bunsen.chem.ucl.ac.uk	UP	1 OK	  

QCG Computing (qcg-computing)

Host	Status	Services	Actions
endor.wcss.wroc.pl	PENDING	1 OK	  
mavrino.chem.ucl.ac.uk	UNREACHABLE	1 OK	  
qcg_grid.cyf-kr.edu.pl	PENDING	1 OK	  
qcg_grid.task.gda.pl	UNREACHABLE	1 OK	  
qcg_reef.man.poznan.pl	UNREACHABLE	1 OK	  

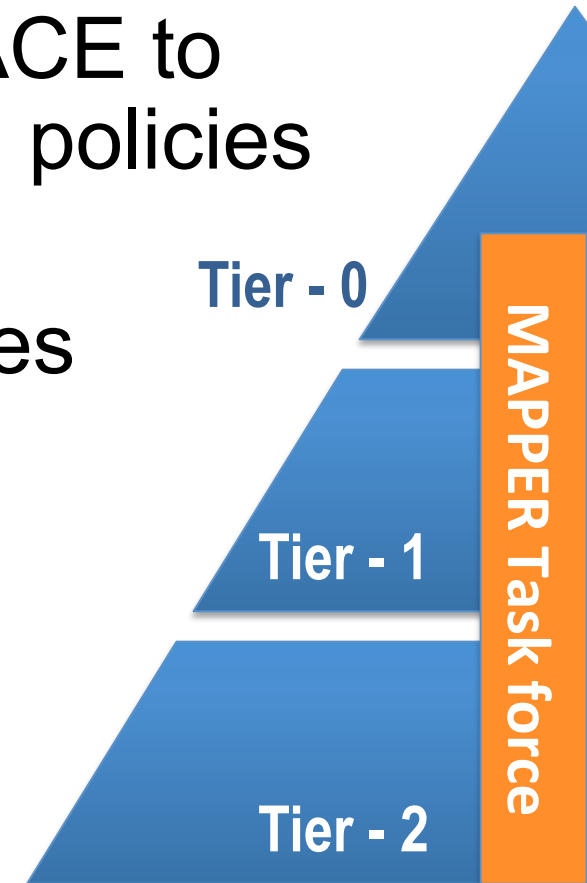
Web Servers (web-servers)

Host	Status	Services	Actions
gs2.mapper-project.eu	UP	1 OK	  
mapper-project.eu	UP	1 OK	  

EMP task force



- Collaborate with EGI and PRACE to introduce new capabilities and policies onto e-Infrastructures
- Evaluation of MAPPER services by PRACE
 - MUSCLE
 - QCG
- Support in accessing EGI and PRACE resources



Milestones and reports



- Task 6.1: Coordination of Operation and Support (M1 – M36)
 - D6.1 Report on the Assessment of Operational Procedures and Definition of the MAPPER Operational Model (M6)
 - Living document
- Task 6.2: Deployment of Central MAPPER Services (M1 – M36)
 - D6.2 Report on Best Practices (M12)
 - Living document
- Task 6.3: VO Management and Support (M1 – M36)
 - Support Process Definition (M6)
 - Merged with D6.1
 - Living document

Future Plans



- Development of the MAPPER e-Infrastructure
 - Deployment and operation of fast and deep track components
 - Integration of EGI and PRACE resources to extend the service portfolio
- Support users working on the MAPPER e-Infrastructure
 - Starting month 18
- Work on synchronisation of EGI, MAPPER and PRACE operation model and procedures
 - Provide support for the EGI and PRACE monitoring infrastructures



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