



Magic

Middleware for collaborative Applications
and Global virtual Communities

MAGIC Update

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General Objective

The **M**iddleware for collaborative **A**pplications and **G**lobal **v**irtual **C**ommunities (MAGIC) Project seeks to establish a set of agreements for Europe, and other participating World Regions, aiming at consolidating and completing the building blocks of middleware necessary for the establishment of a marketplace of services and real-time applications for international and inter-continental research groups which facilitates mobility and the work of global science communities.

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Specific Objectives



- To foster the deployment of the platforms that **enable mobility of people and seamless access to services** by promoting the establishment of identity federations connected to eduGAIN, creating awareness of privacy and security issues and spreading eduroam.
- To develop a **Model for the provision of services between NRENs** of participating World Regions based on **Cloud Provisioning that takes advantage of applications developed and run by NRENs** across different continents to create a model for a worldwide application market for collaboration tools and services.
- To seek consensus among participating World regions on the importance of **interoperability of Real Time Applications** and work towards the adoption of standards to promote the creation of a worldwide environment for these applications.
- To foster the collaborative work of **Global Science Communities** by actively promoting the participation of Latin American and other regions' researchers in European Commission Calls

Work Packages



- WP1: Management
- WP2: Platforms for Mobility
- WP3: Cloud Provisioning and Groupware Standards
- WP4: Agreements for Real Time Collaboration
- WP5: Global Science Communities
- WP6: Dissemination

Partners



- RedCLARA , Uruguay, (Coordinator)
- GÉANT, Netherlands and UK
- RNP, Brazil
- RENATA, Colombia
- REUNA, Chile
- CEDIA, Ecuador
- CUDI, Mexico
- UbuntuNet Alliance, Malawi
- WACREN, Ghana
- ASREN , Jordan
- CESNET, Czech Republic
- GRNET, Greece
- SURFnet, The Netherlands
- CSIR, South Africa
- RENATER, France
- NIIFI, Hungary
- CKLN, Grenada
- NITC, Kyrgystan
- TEIN*CC, Korea

What will ASREN do?



- Implement eduroam in 6 countries
- Implement federation and idp in 3 countries
- Have at least 3 NRENs to join NRENum
- Community Portal in 3 countries
- Attract researchers to join the Global Science Communities
- Capacity building
- Dissemination

What did ASREN do?



- eduroam is implemented in: (as confirmed by Brook Schofield)
 - Pilot: Algeria, Jordan and Lebanon
 - Production: Morocco, Saudi Arabia, Qatar and Ankabut
 - Egypt, Tunisia and Oman are starting
- federation and idp in:
 - Oman, Morocco, Algeria and Jordan
- Plans:
 - Algeria to work on NRENnum
 - Morocco to work on Community Portal