

Using online CAs and MyProxy servers for identity mapping

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Description of the work

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Wider impact of this work

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Printable Summary

Since one of the major obstacles that very often prevents new users from using the grid infrastructure is the AA complexity, IGI has developed an access portal based on an external authentication layer providing strong user identification by means of an accredited identity federation. It is interfaced to an online CA, which provides users with digital certificates in a transparent way; a long term proxy is then created and saved into a MyProxy server in an encrypted form. Through the portal users can then submit either simple jobs or complex workflows to the grid without the need for directly managing their X509 certificates. A prototype of the portal is operational and used by some Italian VOs but the number of users is expected to increase in the coming months.

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