

An XACML profile and implementation for Authorization Interoperability between OSG and EGEE

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The Open Science Grid (OSG) and the Enabling Grids for E-science (EGEE) have a common security model, based on Public Key Infrastructure. Grid resources grant access to users because of their membership in a Virtual Organization (VO), rather than on personal identity. Users push VO membership information to resources in the form of identity attributes, thus declaring that resources will be consumed on behalf of a specific group inside the organizational structure of the VO. Resources contact an access policies repository, centralized at each site, to grant the appropriate privileges for that VO group.

Despite the commonality of the model, OSG and EGEE use different protocols for the communication between

To address these issues, OSG and EGEE initiated a joint project on Authorization Interoperability. The pro

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