

Authorization and Trust in the Cloud

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With the increasing deployment of cloud-based services there is an emerging need to allow cloud tenants to access each others services and resources. This requires suitable authorization and trust models. The problem of cross-enterprise trust has been extensively studied in the literature in the context of traditional distributed and grid systems. The cloud brings a new element to the problem in that the cloud can deploy trusted services to facilitate which is typically presumed to be infeasible or undesirable. In this talk we explore some of the challenges in deploying cross-tenant trust and authorization services in the cloud. We explore role-based trust approaches and possible generalizations to attribute-based trust.