

Abstract

Security management for complex IT-infrastructures with heterogeneous components is a demanding challenge. One aspect of this undertaking is the ubiquitous identity management ensuring homogeneous security quality of the authentication and authorization. Different to the common praxis employing an implicit authorization within identity management systems, the talk will present and discuss an identity management approach with an explicit authorization mechanism. After a short motivation the question of pseudonymous authentication and authorization is discussed. Three scenarios for different authorization-architectures are presented and compared. Finally the status of the current work is reported. The outlook describes our vision of a role-based IDM (application comprehensive, modelling of organization- and access-roles, use modelling patterns, distributing cross-organization RBAC, etc.).