

4th International Workshop on Data Usage Management DUMA 2013

Workshop Introduction

Data usage control generalizes access control to what happens to data in the future and after it has been given away (accessed). Spanning the domains of privacy, the protection of intellectual property and compliance, typical current requirements include “delete after thirty days”, “don’t delete within five years”, “notify whenever data is given away”, and “don’t print”. However, in the near future more general requirements may include “do not use for employment purposes”, “do not use for tracking”, as well as “do not use to harm me in any way”. Major challenges in this field include policies, the relationship between end user actions and technical events, tracking data across layers of abstraction and logical as well as physical systems, policy enforcement, protection of the enforcement mechanisms and guarantees.