**A DISTRIBUTED PRIVACY-PRESERVING MODEL FOR**

**E-SERVICES**

**Abstract**

In this paper, we propose a model for privacy protection of users in the context of e-services. A system based on our model has to respect a set of properties to preserve the user privacy. These properties are formulated as a set of privacy constraints: the anonymity, the pseudonymity, the unobservability and the unlinkability constraints. To satisfy these constraints we use the Distributed Constraint Satisfaction approach such that: (1) the variables correspond to the user’s

credentials, (2) the agents correspond to the set of e-services entities that control these variables and (3) the constraints correspond to the set of privacy constraints. A solution to the problem is achieved when all the privacy constraints are satisfied. To validate the applicability of our proposed model, a set of experimentation results are discussed.