Context-sensitive authorization

- Support unregistered users in pervasive computing environments
- Support flexible policies

Context information

Grating decision (TRUE or FALSE)

Request

Authorization system

Problem definition

- Context information is distributed across multiple administrative domains
- It is infeasible to assume a single trusted server

How to make an authorization decision using policies and context information managed by different domains while respecting each domain’s security policies?

Our approach

Security model

Enforcement of confidentiality policies

Comparison of latency for handling a query