



Trust Management

CS 6463 Lecture Six

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PolicyMaker

- During evaluation, *annotations* can be appended to the action string that was originally requested as a means of adding constraints that make the query result be an affirmative authorization decision
- AuthorityStruct can be a filter, as illustrated in section 3.2
 - A revocation list is represented as a certificate that contains a predicate that is satisfied only by non-revoked keys

KeyNote

- Has reduced expressive power and is more structured as compared to PolicyMaker
 - Licensees cannot be specified by an arbitrary filter, as in the AuthorityStruct of PolicyMaker
 - Conditions are also much simpler
 - Expression evaluation
 - No loops
 - Requested actions are denoted by a set of attribute/value pairs rather than by a single string

KeyNote

- Compliance value can be any element of an application-defined finite, totally ordered set
 - Partial authorization
- The explanation of the graph-based evaluation model strikes me as inadequate
 - What are the nodes? Principals?