

XACML without XML: Architecture Discussion

1 Introduction

1.1 Why XACML

1.2 XACML Overview

2 Usage Scenarios

3 Objectives

3.1 Functional

3.2 Architectural

4 Computational Model

4.1 Providers and Consumers of XACML

5 Information Model

5.1 Overview

5.2 Main Concepts: Subjects, Resources, Policies and Requests

5.3 Structure of XACML Policies

5.3.1 Policy Set

5.3.2 Policy

5.3.3 Rule

6 Semantics of Evaluating Authorization Requests

6.1 *Evaluating Requests*

6.2 *Matching Rules and Policies to Requests*

6.3 *Combining Rules*

6.4 *Combining Policies*

7 Expression of Popular Access Control Models

7.1 *Lattice-based MAC*

7.2 *DAC*

7.3 *RBAC*

8 Relationships to Other Standards

8.1 *SAML*

8.2 *XrML*