Axiomatics Policy Server Express Edition 6.0
Rapid deployment for single applications

Benefits

- **Real-time, dynamic authorization**
  Grants or denies access to application features or database requests based on the organization’s rules of operation

- **Speeds application development**
  and reduces change management costs through separation of business logic and access control

- **Complete authorization solution for single applications**
  in easy-to-deploy package

- **Industry standard policies**
  Axiomatics Policy Server fully implements XACML v. 3.0

- **Context-aware access control:**
  - Cloud service
  - Mobile user
  - BYOD user
  Adapting access to applications and data as appropriate per endpoint

Attribute-Based Access Control (ABAC) for single applications

The complexity of today’s organizational environments leads to conflicting needs for data access. On the one hand, to meet compliance and regulatory requirements, data access needs to be limited to just those people that are authorized to see it. On the other, people need to collaborate and exchange information across regions, departments, channels and agencies. Existing access controls are inflexible and unable to meet the requirements of rapidly changing work environments.

Access control then becomes an impediment, hindering information sharing and collaboration and reducing overall efficiency. A shift to new models based on Attribute-Based Access Control (ABAC) is a must. Axiomatics Policy Server (APS) delivers an ABAC solution that puts access control in the service of collaboration while ensuring users can only share information they are authorized to access.


Fast, easy, lightweight deployment

Axiomatics Policy Server Express Edition is a big product with a small footprint. It is shipped as a single compressed archive file. Once you unzip the package and run the installer wizard, you are ready to go. Although Express Edition is designed to serve as a dedicated authorization service for single applications, it gives you all the benefits of externalized authorization in a stand-alone deployment.

Express Edition comes with an already configured application server. The installer wizard caters for two different deployment scenarios:

- **Single server:** The authorization service and management interface can be run on the same application server.
- **High availability:** Management and authorization can be done on multiple separate machines.

The installer wizard automates the generation and management of public keys and endpoint definitions, so the authorization infrastructure can be set up in just a few minutes.
Differences between APS Express Edition and APS Standard Edition

- Express Edition is licensed for one authorization domain
  Standard Edition can have unlimited domains

- Express Edition has only one authorization service: the Axiomatics PDP
  Standard Edition has two additional authorization services

- Express Edition is intended for a single application deployment
  Standard Edition is available for large-scale deployments to provide ABAC capabilities as an infrastructure service

A new way to manage policies

As of version 6.0, Axiomatics Policy Server Express Edition provides enhanced support for collaborative policy management. The existing stand-alone Policy Administration Point (PAP) and the ALFA-based Eclipse plugin have been complemented with a built-in web-based graphical Policy Editor. The new Policy Editor has several key benefits:

- The graphical user interface visualizes even extremely complex and nested expressions
- Multiple concurrent users can edit policies
- The Policy Editor’s graphical capabilities simplify policy verification

Express Edition 6.0 creates new opportunities for collaboration between policy authors at the technical level and those mandating the policies at the management level, helping to bridge the divide between technical and non-technical members of the organization.