DISA
DEFENSE INFORMATION SYSTEMS AGENCY
A COMBAT SUPPORT AGENCY

# Identity and Access Management
## Open Source Attribute Based Access Control

### IdAM Portfolio

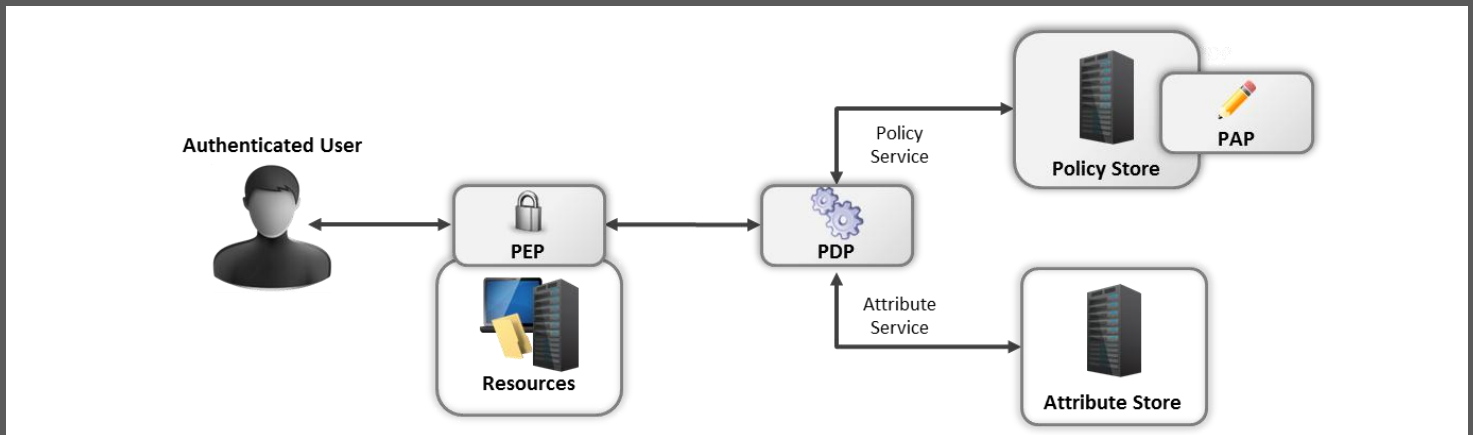
The DoD IdAM Portfolio provides digital identity, authentication, and authorization services for the DoD Enterprise. These services provide Components with tools to help manage users and safeguard IT resources.

### Background

Open Source Attribute Based Access Control (OS ABAC) is an enterprise IdAM service that provides logical access control based on authoritative attributes. OS ABAC is comprised of Government Off-the-Shelf and open source Commercial Off-the-Shelf (COTS) components.

## Why OS ABAC?

OS ABAC reduces the burden on CC/S/As for managing and administering individual user accounts. Instead of provisioning user accounts and permissions, OS ABAC enables the definition of access control policies and utilization of authoritative attributes to protect IT resources. As a result, application owners can avoid user access management costs and reallocate resources that would be required to develop their own access control solutions.




### To Order the Service

- Contact your DISA ESD CME team to define your requirements

### Rates

- No fee for locally utilizing open source middleware
- Fee-for-service for the DISA-managed service

### To Download Installation Guide

- Navigate to https://project.forge.mil/sf/projects/nces
- Click “Documents” at top of page
- Expand “OS ABAC” folder
- Identify most recent version and expand that folder
- Expand “UserGuide/Installation/Training” folder
- Download OS ABAC Install Guide

### Standard Features

- Policy Decision Point (PDP) - Applies relevant access control policies to requests and returns access control decision
- Attribute Service (AS) - Retrieves attributes from both local and Enterprise attribute stores
- Policy Service (PS) - Provides a web service interface to a database containing access control policies
- Policy Enforcement Point (PEP) - Intercepts resource access request, creates corresponding request for PDP, and enforces PDP’s access control decision
- Policy Administration Point (PAP): Interface for managing digital access control policies.

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