Ebus
Software Technologies

Access Governor

Streamline Access Management and Enforce Compliance with Policy-Driven Governance

Introduction

What is Application Access Governance?
A solution designed to identify, manage, and resolve access conflicts across enterprise applications based on predefined policies.

Key Objective:
Minimize security risks and enforce access compliance by detecting and addressing conflicts efficiently.

Policy Types for Conflict Detection

1. Access Point-Based Policies

Purpose: Identify conflicts when users are assigned conflicting access points.

Example:
A user with **Create Invoice** and **Create Payment** permissions violates organizational segregation of duties.

2. Role-Based Policies

Purpose: Detect conflicts when users are assigned incompatible roles.

Example:
A user with both **Purchasing Role** and **Payable Role** compromises the procure-to-pay process.

3. User-Based Policies

Purpose: Identify conflicts based on roles inconsistent with user attributes like job, position, or location.

Example:
A **Sales and Marketing** user assigned the **Purchasing Role** violates access policies.

Salient Features

1. Open-Ended Integration

- Import data points such as users, roles, menus, and role assignments from any application via ETL.
- Supports SQL-compliant databases using JDBC, APIs, or file uploads.

2. Reverse Feed Mechanism

- Automatically updates source applications for remediation actions, including granting or revoking access.

3. Test and Deploy Policies

- Policies can be created as **Models** to test outcomes before deployment.
- Validated models are deployed as actionable policies to generate incidents.

4. GRC Self-Service Portal

- A centralized platform for users to request access across enterprise applications.
- Configurable approval workflows with automated API triggers to grant access upon approval.

5. Role Recertification Process

- Schedule periodic reviews of user roles to ensure alignment with job functions.
- Unnecessary roles are automatically removed during recertification events.

6. Incident Management

- Comprehensive tools for viewing, reporting, and resolving incidents.
- Includes detailed on-screen views, report downloads, and Excel export options.

7. Flexible Policy Management

- Define **Global Conditions** and policy-specific conditions to refine rules and eliminate false positives.
- Example: Exclude **super users** from incident generation based on global conditions.

8. Extensive Reporting

- Provides insights into:
    - **Risk Profiles**: Highlight potential vulnerabilities.
    - **Incident Trends**: Nature, frequency, and severity.
    - **Remediation TAT**: Track turnaround times for resolving incidents.

9. Fully Functional Job Engine

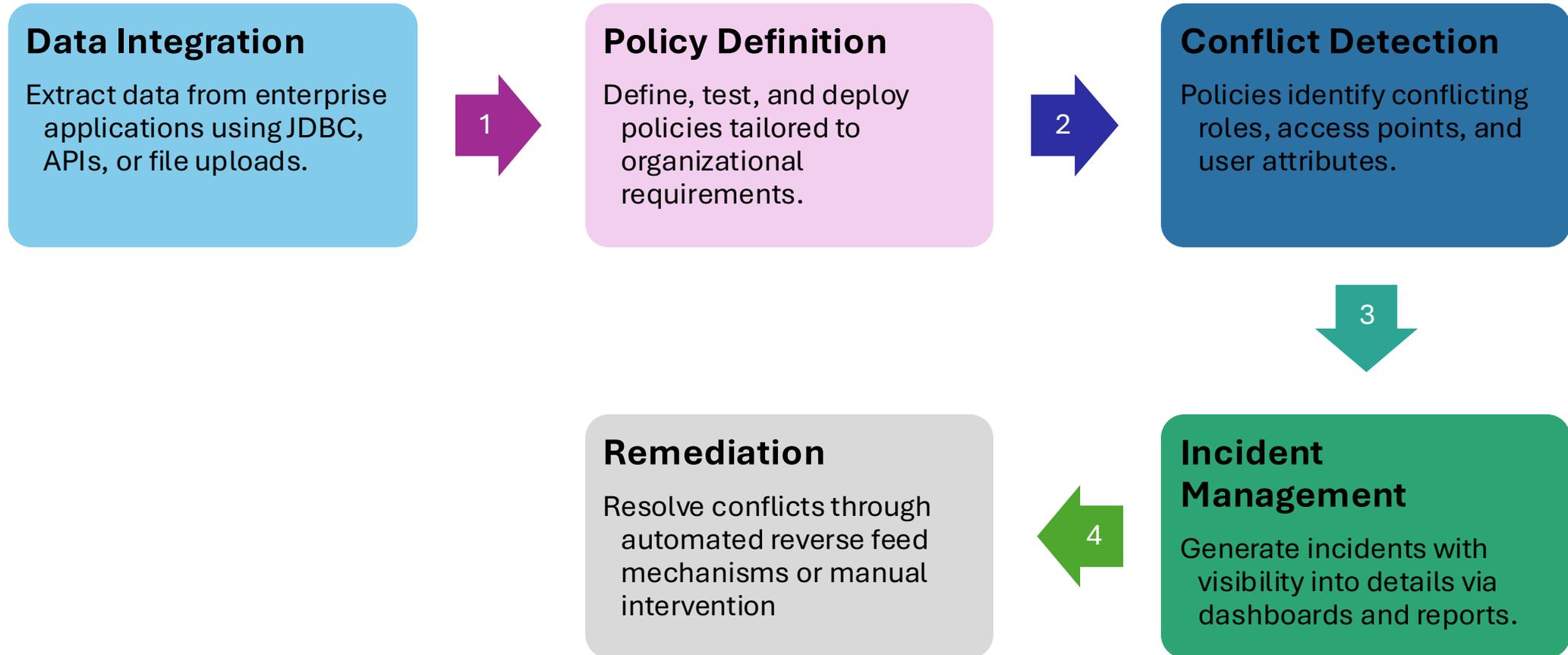- Schedule or execute jobs (ETL, incident generation) on-demand or during non-business hours.

10. User-Configurable Dashboards

- Create personalized dashboards with graphical reports in pie charts, bar graphs, histograms, or line charts.

11. End-to-End Capabilities

- Includes user and role management, job scheduling, audit tracking, collaboration tools, and email integration.

How it works?

Data Integration

Extract data from enterprise applications using JDBC, APIs, or file uploads.

1

Policy Definition

Define, test, and deploy policies tailored to organizational requirements.

2

Conflict Detection

Policies identify conflicting roles, access points, and user attributes.

3

Remediation

Resolve conflicts through automated reverse feed mechanisms or manual intervention

4

Incident Management

Generate incidents with visibility into details via dashboards and reports.

Benefits

ENHANCED SECURITY:
PROACTIVELY DETECT AND
ADDRESS ACCESS
CONFLICTS.

OPERATIONAL EFFICIENCY:
AUTOMATE ACCESS
GOVERNANCE AND
REMEDIATION WORKFLOWS.

CUSTOMIZABLE INSIGHTS:
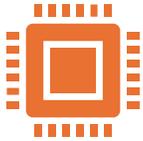VISUALIZE CRITICAL DATA
THROUGH CONFIGURABLE
DASHBOARDS.

**REGULATORY
COMPLIANCE:**
ENFORCE ALIGNMENT WITH
ORGANIZATIONAL AND
REGULATORY POLICIES.

**COMPREHENSIVE
COVERAGE:**
MANAGE ACCESS
CONFLICTS ACROSS
MULTIPLE APPLICATIONS
SEAMLESSLY.

Use Cases

ERP Systems:

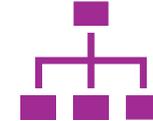Prevent conflicting access in financial and operational workflows.

CRM Applications:

Control access to sensitive customer and sales data.

HRMS Platforms:

Ensure compliant access to payroll and employee records.

Multi-Application Governance:

Centralize access management across enterprise systems.

Technology Highlights

Integration
- Supports JDBC, APIs, file uploads, and SQL-compliant databases.

Policy Management
- Advanced tools for defining, testing, and deploying access policies.

Visualization
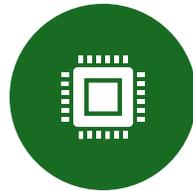- Customizable dashboards and interactive reports.

Automation
- API based workflows for remediation and access management.

Why choose us?

Comprehensive access governance with real-time conflict detection.

Open-ended design supporting multi-application environments.

Flexible policy testing and deployment mechanisms.

Extensive reporting capabilities with actionable insights.

End-to-end incident management and remediation workflows.

EBus Software Technologies Pvt Ltd.

- Suite #201, Sai Manor,
- Street 1, SR Nagar,
- Hyderabad – 500 032,
- India

www.ebussoftsys.com