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Identity and Access Management (IAM)

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What is Identity & Access Management (IAM)?

IAM is the security discipline that enables the right individuals to access the right resources at the right times for the right reasons!

- IAM bridges business and technology - it’s as much about business process as it is about technology, if not more so.
A seemingly simple request like, My system needs to know the address of all Students.

– The definition of a student can change depending on the context of the question.
– Grant access to just the required data
– How many addresses do students have?

We will start the request process with an Attribute Release Form
Yale Identity and Access Management – Future State View

**Authoritative Sources Of Identity Data**
- HR
- Banner
- Darcy
- Other?

**IAM Infrastructure**
- Monitored Events
- Run-Time – Services/ Access

**Service Layer Functionality**
- LDAP
- Web Services
- JDBC/ODBC
- UI

**Enterprise Directory (IAM402)**
- Triggered Auto Provision De-provision

**Provisioning Engine (IAM405)**
- Predefined/Preexisting Roles, Entitlements, Policies, Attestation Management

**Role Eng./ Mgmt. (IAM404)**
- Access Cert./ Attestation (IAM406)
- Access Mgmt. Federation (IAM403)

**Applications & Services**
- Notifications
- Triggered Events

**Yale Applications**
- Office 365
- Workday
- Blackbaud

**Applications**
- Banner
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**Self-Service Requests**
- Email
- Access Mgmt. Federation (IAM403)

**Approval Process**
- Approval Process

**Model Identity Data and Process**
- Aggregate & Correlate Identity Data
- Baseline Identity Provisioning Processes
- Model New Provisioning Process

**Build Identity Governance Model**
- Build Policy Model
- Build Role Model
- Build Risk Model

**Automate / Integrate Identity Life-cycle Management**
- Access Request Management
- Event-based Life-Cycle Management

**Automate Compliance Management (Attestation)**
- Baseline Access Certification
- Access Certifications
- Policy Detection & Remediation

**Automate Provisioning / Change Management**
- Automated
- Help Desk
- Client Accounts
- Self-Service
- Manual