

ORACLE[®]

SOA *Secured*

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HISTORY

What led to SOA?

Business Drivers

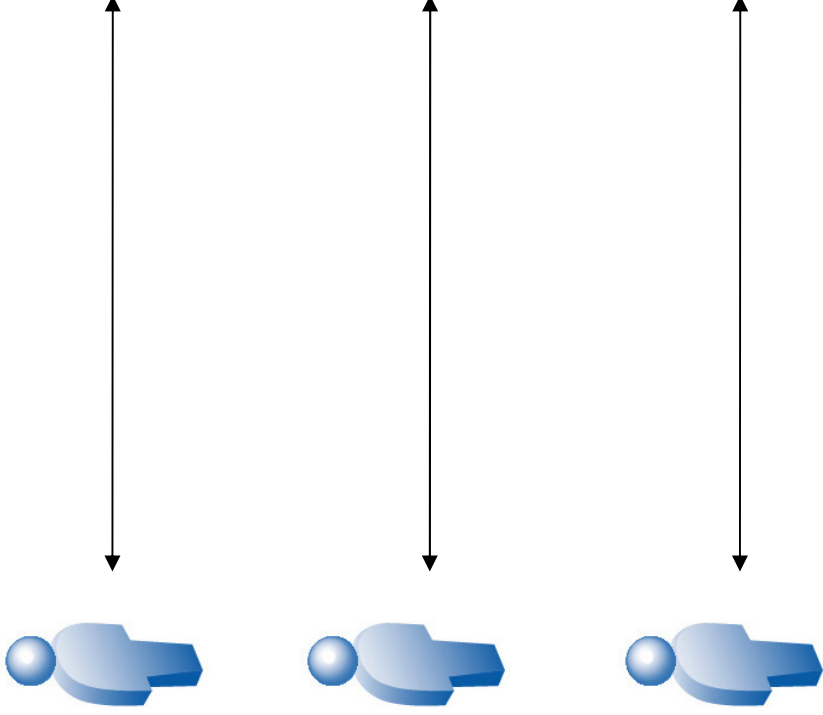
REUSE EXISTING INVESTMENTS

BUILD FLEXIBLE BUSINESS PROCESSES

BETTER MEASURE THE ENTERPRISE

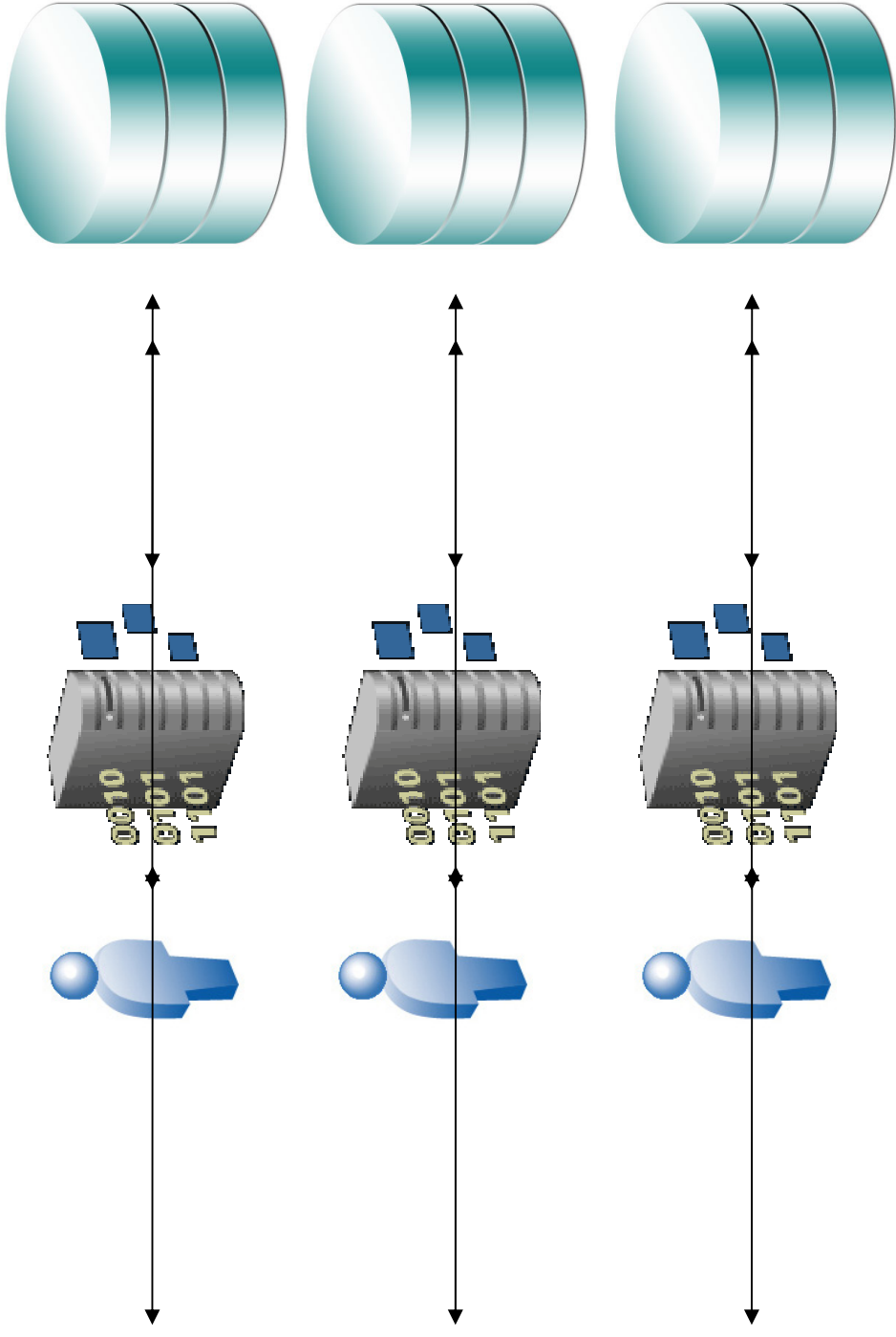
Information Exchange

Client/Server



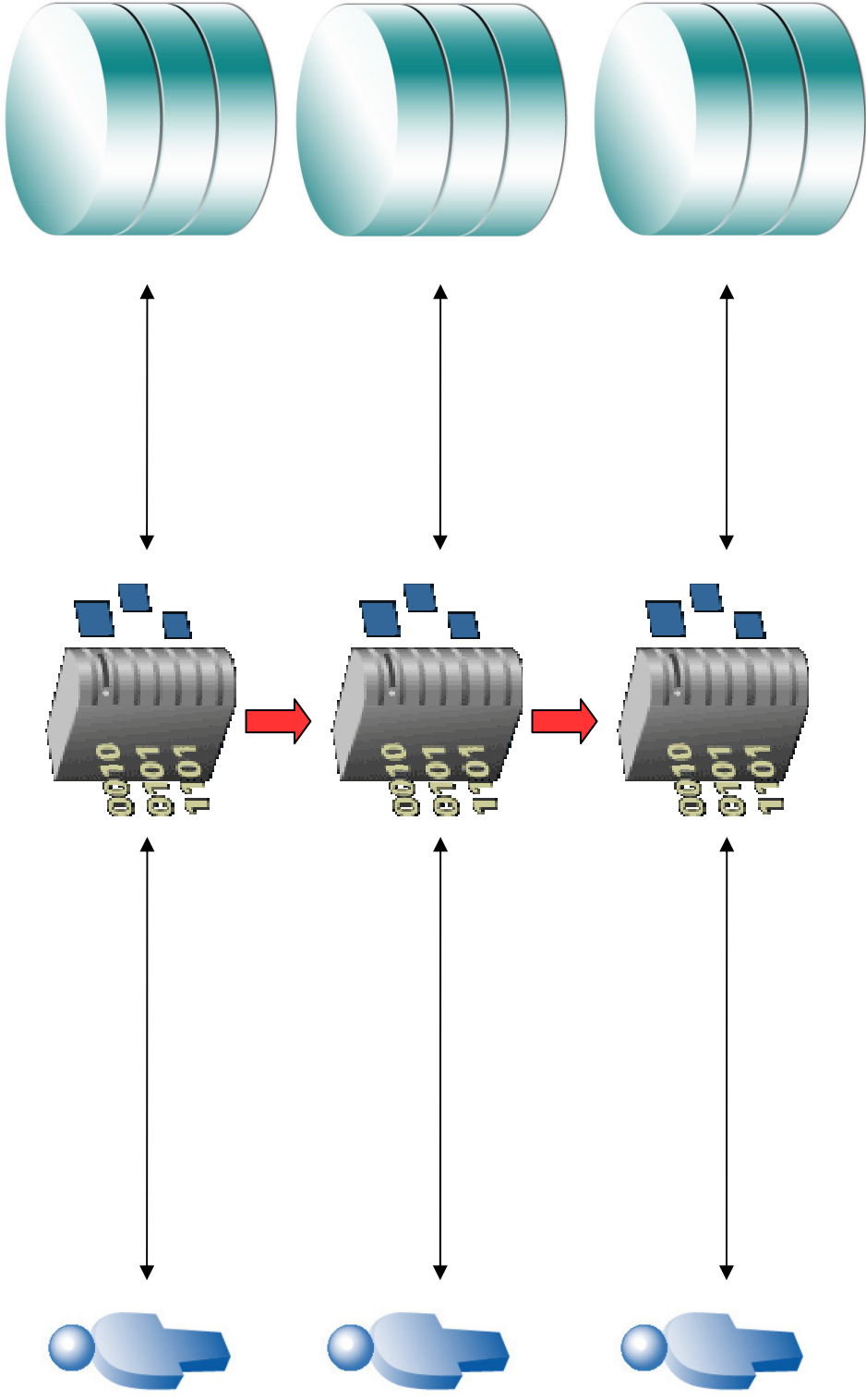
Information Exchange

3-Tiered



Information Exchange

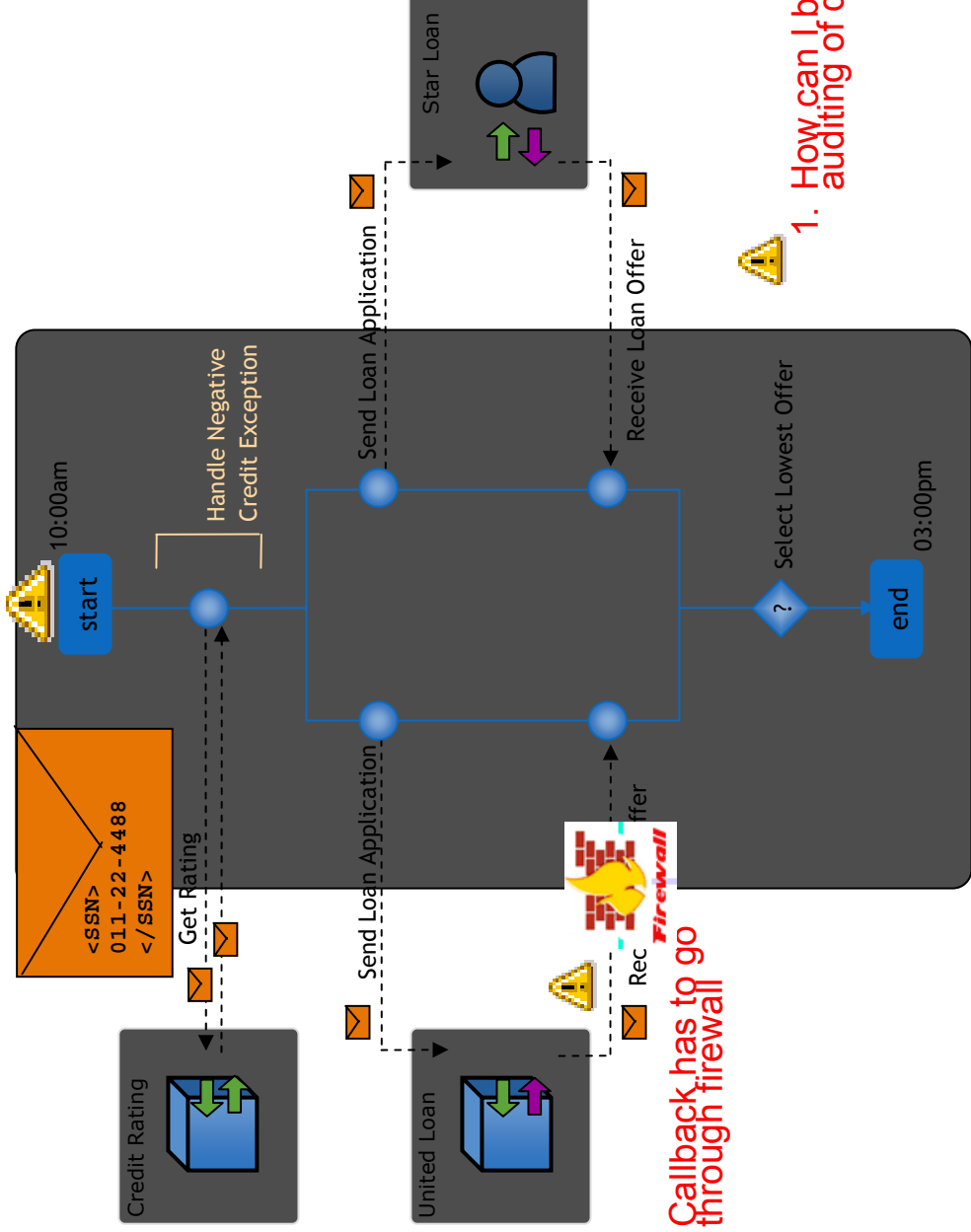
SOA



Top-Down View of SOA Security

1. Anyone who can access the server can initiate loan applications

1. SSN sent in clear text



1. Callback has to go through firewall



1. How can I be ensure auditing of data access?

INFO SECURITY CHALLENGES

Enforcement

- Identity Preservation
- Authentication
- Authorization
- Privacy
- Auditing

Management

- On-boarding
- Role Management
- Context-based Access Control
- Access Reporting
- Revocation

SOA SECURITY CHALLENGES

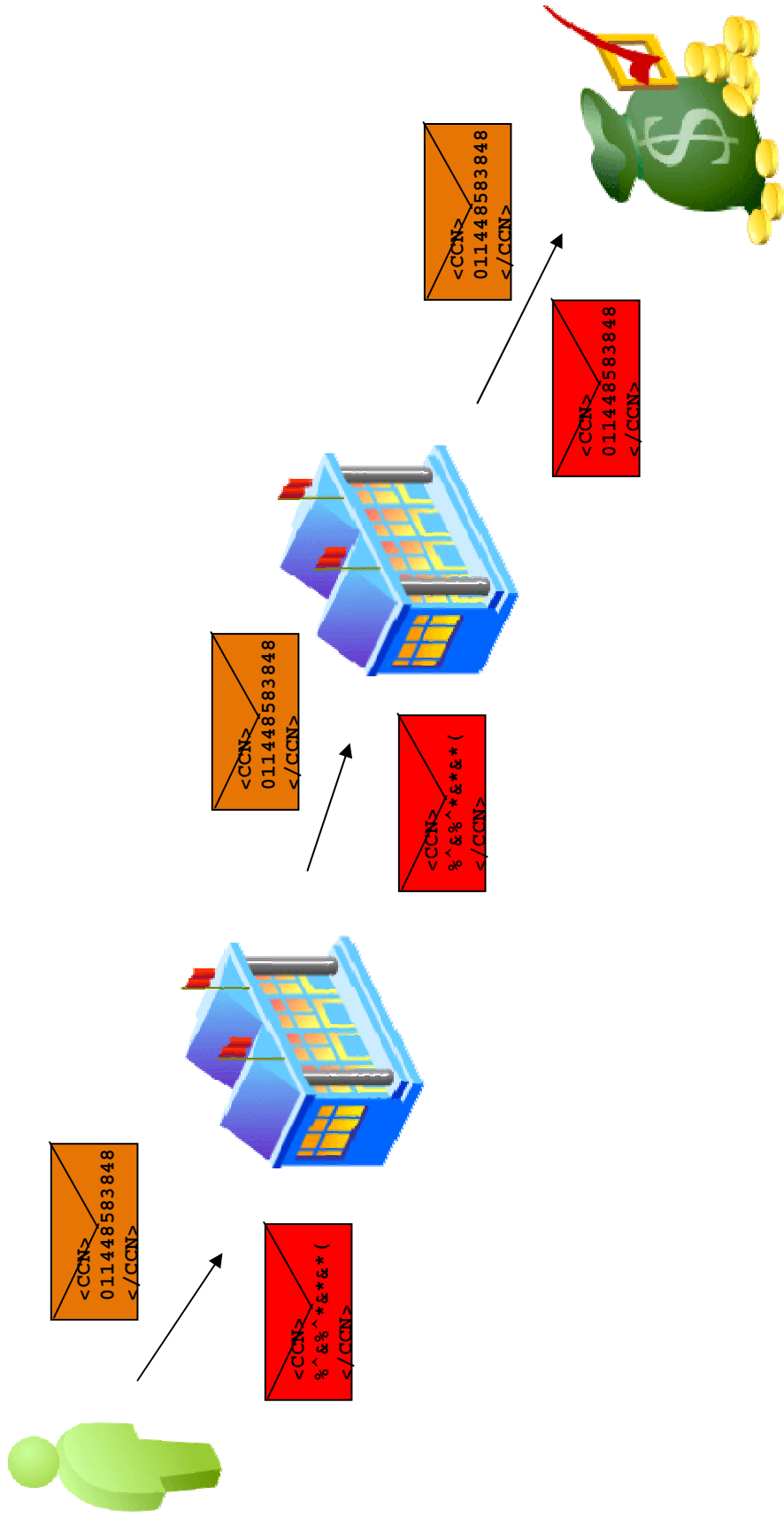
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Privacy in a B2B Paradigm



The Security Roadmap

A Repeatable Methodology

1. Integrate

- Central Virtual Repository for Identity and Access Information

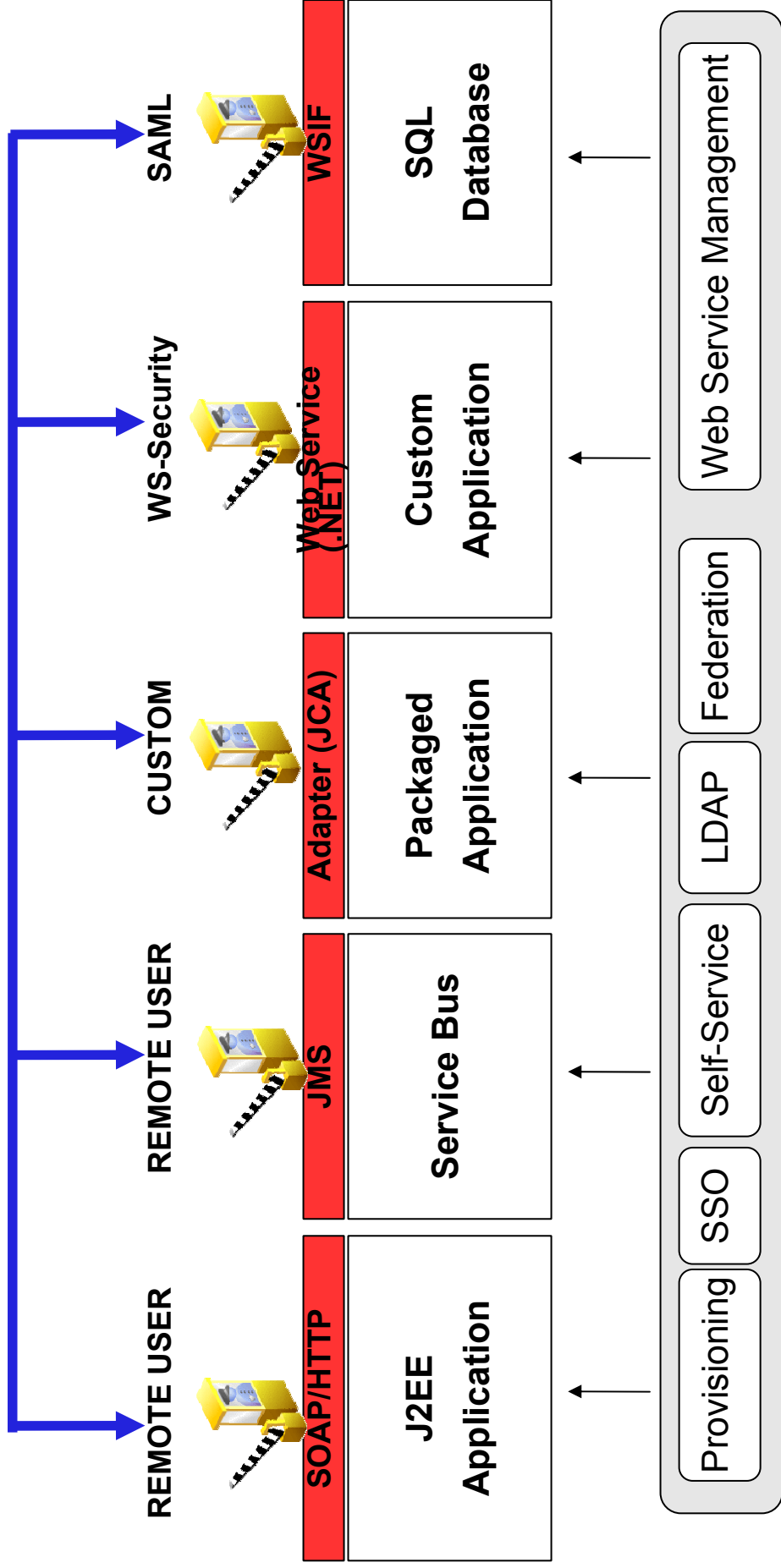
2. Standardize

- Normalize semantics for Roles/Privileges across all enforcement points

3. Automate

- Provision from authoritative source to all layers of information

Management and Enforcement



Security Management Service

QIA