

Role Based Access Control - Online Training and Content Provider

Role engineering is the process of defining roles and related information such as permissions, constraints and role hierarchies, as they pertain to the user's functional use of systems, applications and business processes. Access to resources (online and hardware) is primarily business-driven and roles are defined based on the responsibilities of a given job function. Roles are defined by reviewing organizational business and job functions and mapping the permissions for each job function. This approach provides business oversight and alignment of roles with business functions and re-usability. Customer's requirement was to define, design, build and deploy role based access control to the facilities, applications and hardware that are both time and location bound.

Solution

As part of the initial system analysis study, PERI met with the business group and management authorities to define the roles and provide an Entitlements Role Based Map - Role to Resource Mapping. Based on the client needs, PERI assisted in building and implementing RBAC solution to ensure proper identity and access management and completed the following tasks.

- Define scope and boundaries
- Identify access policies to determine entitlements for any given job responsibility
- Group user access based on privileges corresponding to the job functions
- Ensure that the system has no mutually exclusive roles assigned to the same person
- Create role hierarchies to help simplify role definitions by grouping multiple roles
- Integrate roles into existing IdM solutions deployed by the client

Global Headquarters

570, Broad Street
Newark, NJ - 07102
Tel: 973 735 9500
Fax: 973 735 9593

San Jose Office

2880, Zanker Road
San Jose, CA - 95101
Tel: 408 207 9600
Fax: 408 207 9693

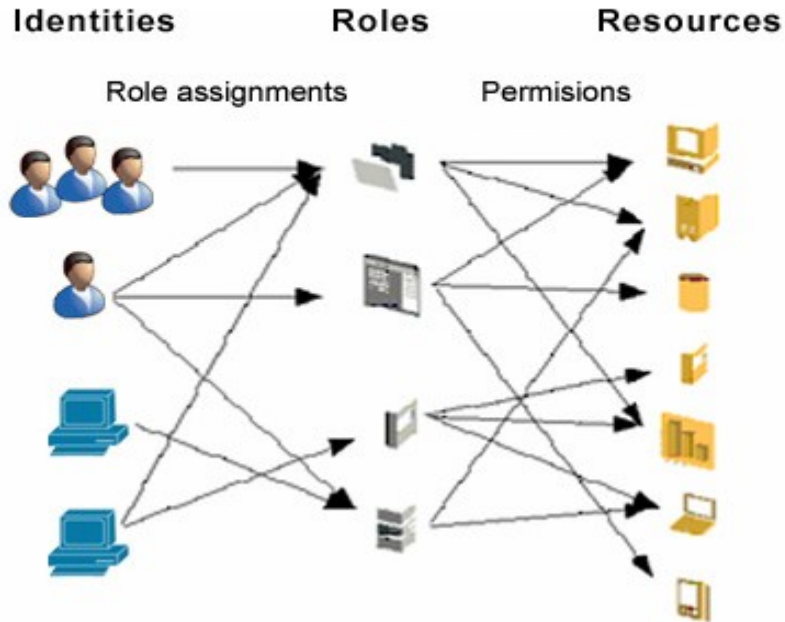
Los Angeles Office

333 S. Grand Avenue
Los Angeles, CA - 90071
Tel: 213 281 9313
Fax: 973 939 8494

Global Delivery Office

New No 4, 9th Avenue
Ashok Nagar, Chennai - 600 083
Tel: +91 44 4340 6000
Fax: +91 44 2489 3275

Role Based Access Control (RBAC)



Role-Based Access Control

Role-based access control (RBAC) will be used for managing entitlements. RBAC simplifies entitlement management by using roles (as opposed to users) as authorization subjects. Integrating RBAC as an integral part of any Identity and Access Management (IAM) initiative is the key to ensure success in RBAC deployments. RBAC also reduces the risks of users having inappropriate access privileges and aggregating entitlements as they change job functions.

Global Headquarters

570, Broad Street
Newark, NJ - 07102
Tel: 973 735 9500
Fax: 973 735 9593

San Jose Office

2880, Zanker Road
San Jose, CA - 95101
Tel: 408 207 9600
Fax: 408 207 9693

Los Angeles Office

333 S. Grand Avenue
Los Angeles, CA - 90071
Tel: 213 281 9313
Fax: 973 939 8494

Global Delivery Office

New No 4, 9th Avenue
Ashok Nagar, Chennai - 600 083
Tel: +91 44 4340 6000
Fax: +91 44 2489 3275