



Is Grouper the Answer for Role-based Access? It Sure is for Deprovisioning!

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Guide to Attribute Based Access Control (ABAC) Definition and Considerations

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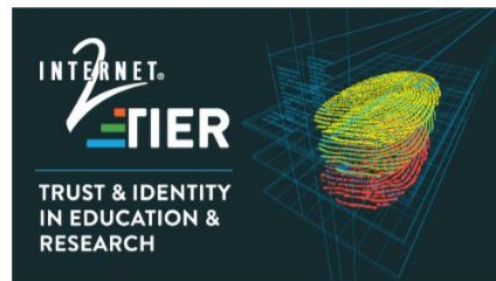
<http://dx.doi.org/10.6028/NIST.SP.800-162>

C O M P U T E R S E C U R I T Y

NIST
National Institute of
Standards and Technology
U.S. Department of Commerce

TIER Grouper Deployment Guide

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vpn_allow

Trace membership for thomsow

thomsow is a member of the *vpn_allow* group by the following paths:

thomsow is a **direct member** of

⊕ *ref:dept:its:di* ← Reference group - aka subject attribute

⊕ which is a **direct member** of

⊕ *app:vpn:vpn_roles:netadmins_allow* ← Subject attribute to application role mapping

⊕ which is a **composite factor** minus *netadmins_deny* of

⊕ *app:vpn:vpn_roles:netadmins* ← Application specific role

⊕ which is a **direct member** of

⊕ *app:vpn:vpn_allow* ← Access policy group

thomsow is a **direct member** of

⊕ `ref:employee:admin_ft` ← Reference group - aka subject attribute

⊕ which is a **direct member** of

⊕ `ref:employee:employee` ← Reference group - aka subject attribute

⊕ which is a **direct member** of

⊕ `bundle:employee_services:employee_services_include` ← Subject attribute to service bundle mapping

⊕ which is a **composite factor** minus `employee_services_exclude` of

⊕ `bundle:employee_services:employee_services` ← Institution wide service bundle

⊕ which is a **direct member** of

⊕ `app:vpn:vpn_roles:facstaff_allow` ← Subject to role mapping

⊕ which is a **composite factor** minus `facstaff_deny` of

⊕ `app:vpn:vpn_roles:facstaff` ← Application specific role

⊕ which is a **direct member** of

⊕ `app:vpn:vpn_allow` ← Access policy group

vpn_allow

VPN net inclusions.

More ▾

+ Add members

More actions ▾

Members

Privileges

More ▾

The following table lists all entities which are members of this group.

Filter for: Has direct membership ▾


Member name

Apply filter

Reset

Remove selected members

☐ Entity name ▾

☐  ad_hoc_vpn_access

☐  facstaff

☐  netadmins

☐  Service Managers

Actions ▾

Actions ▾

Actions ▾

Actions ▾

Show: 50 ▾

Showing 1-4 of 4 · First | Prev | Next | Last

“VPN access is granted to all faculty, staff, network administrators, service managers, and...exceptions”

ad_hoc_vpn_access

+ Add members

More actions ▾

More ▾

Members

Privileges

More ▾

The following table lists all entities which are members of this group.

Filter for:

Has direct membership

Member name

Apply filter

Reset

Remove selected members

☐ Entity name ▾

☐  consultant_service_mgrs

Actions ▾

☐  resources_require_vpn

Direct

Actions ▾

☐  TheLaf Editors


Direct

Actions ▾

☐  vpn_cozzubbm


Direct

Actions ▾

☐  vpn_fechikkm


Direct

Actions ▾

☐  vpn_hendrihe

Direct

Actions ▾

☐  vpn_keesierr

Direct

Actions ▾

☐  vpn_meyerj

Direct

Actions ▾

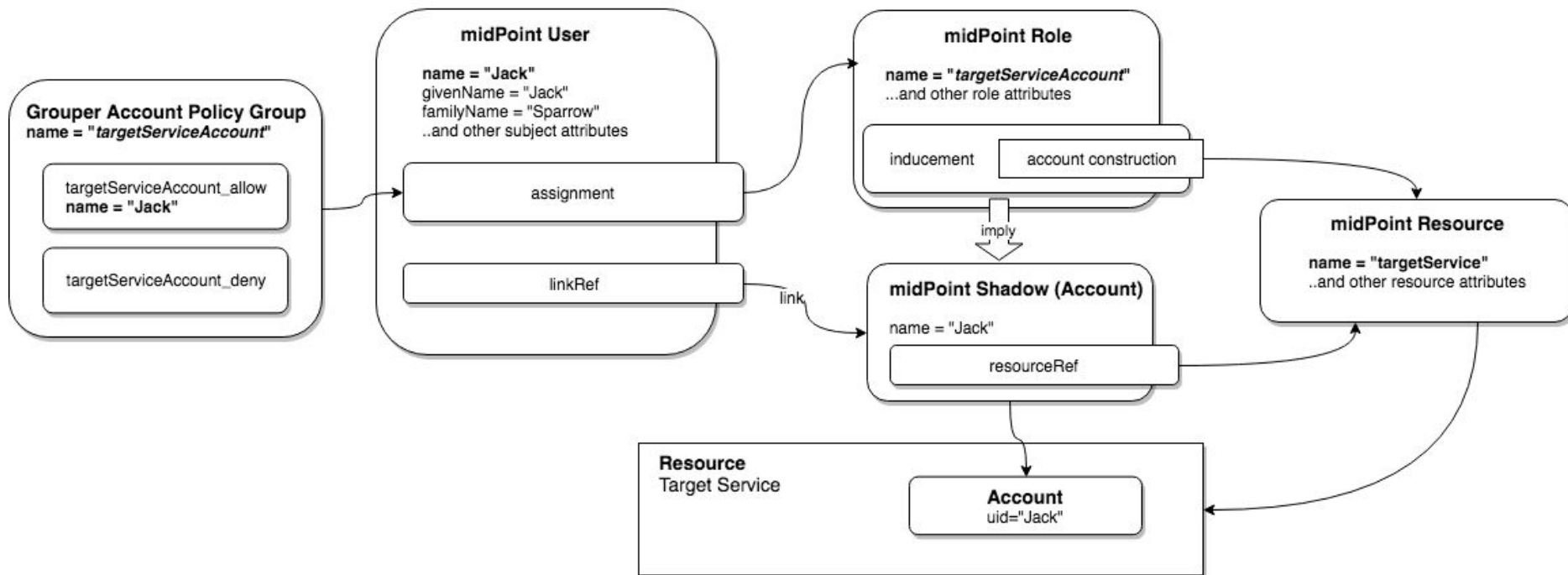
Managed exceptions.
Delegated to appropriate people.

FOLDER

app : vpn : ref : VPN Access

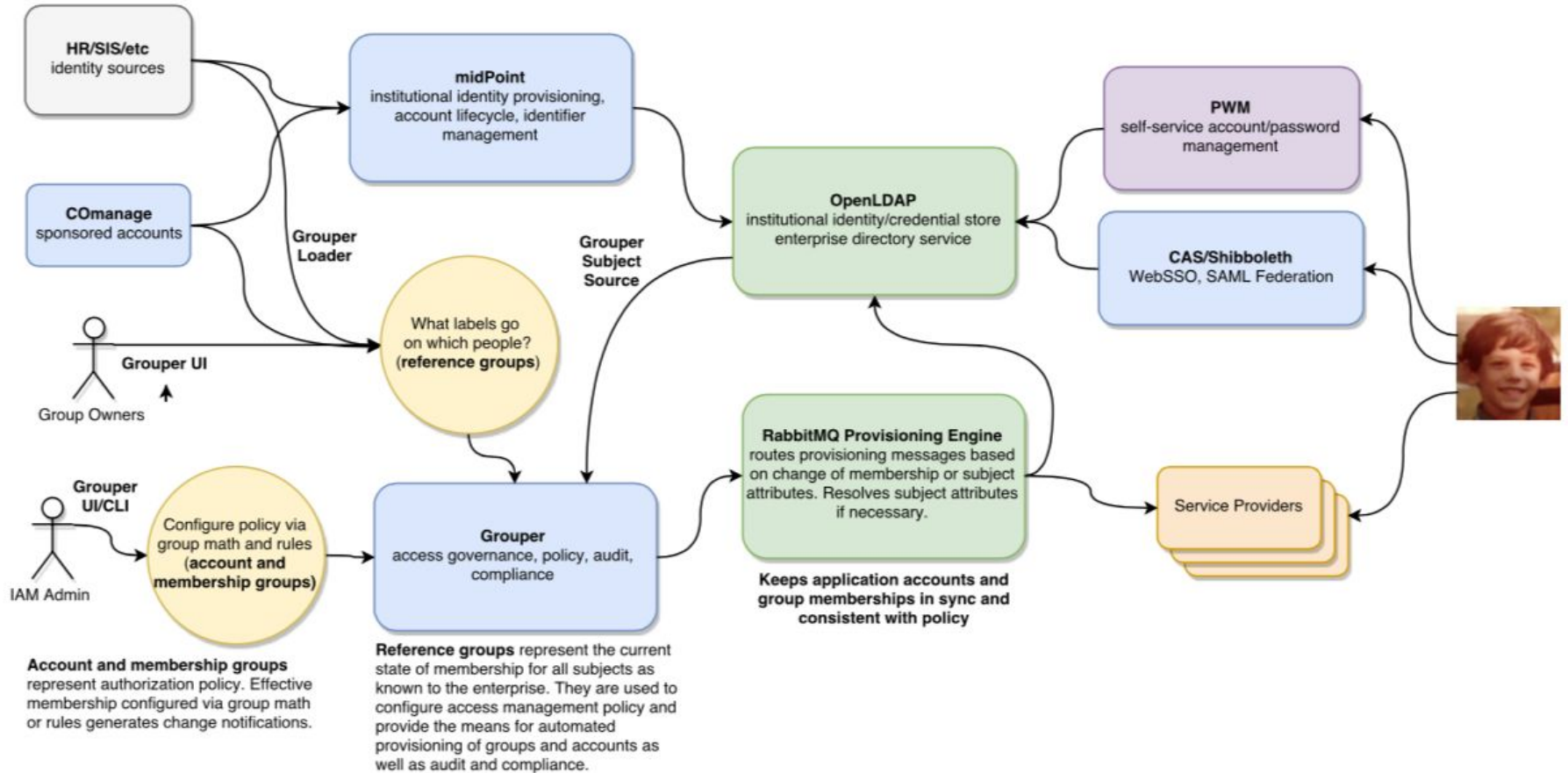
Student researchers under Heidi P.
Hendrickson, Assistant Professor of
Chemistry

TIER Account Provisioning via Grouper and midPoint



Lafayette College TIER Campus Success IAM Architecture

2017-08-25





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