VIRGINIA TECH™

# Secure Identity Services Updates

## Gateway/Developer & Grouper

March 2021

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# Gateway/Developer

Gateway: gateway.login.vt.edu

OAuth2 and OpenID Connect authorization server for single sign-on (SSO) integrations with application services

# Gateway/Developer

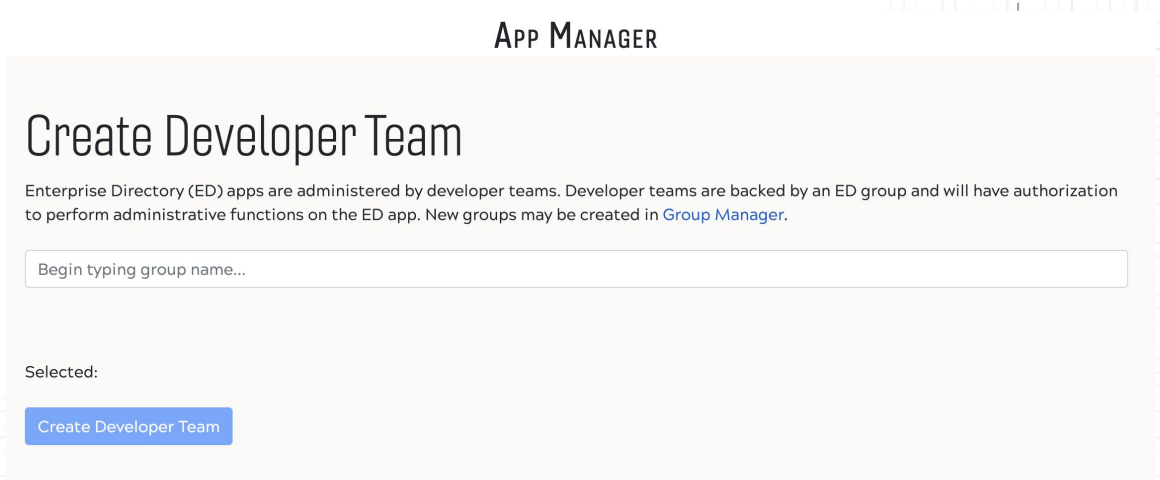
Gateway: gateway.login.vt.edu

Aggregates login.vt.edu with other identity providers like Facebook, Google, and others

# Gateway/Developer

## Developer: developer.it.vt.edu

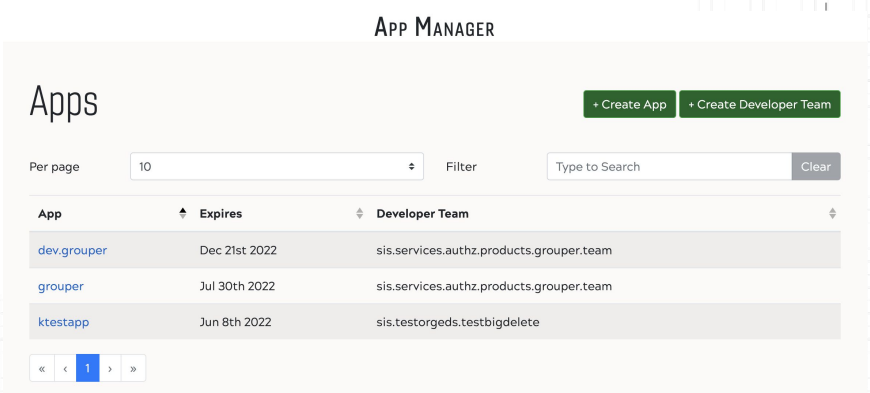
## Administer Developer Teams



# Gateway/Developer

Developer: developer.it.vt.edu

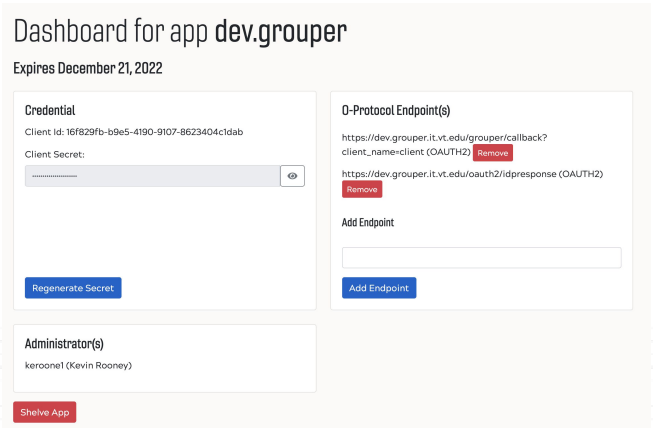
Create Enterprise Directory Services (also known as ED Services)



# Gateway/Developer

## Developer: developer.it.vt.edu

Register URLs that can integrate with Gateway



# Gateway/Developer

Developer: developer.it.vt.edu

Can be extended for other developer needs

# Gateway/Developer

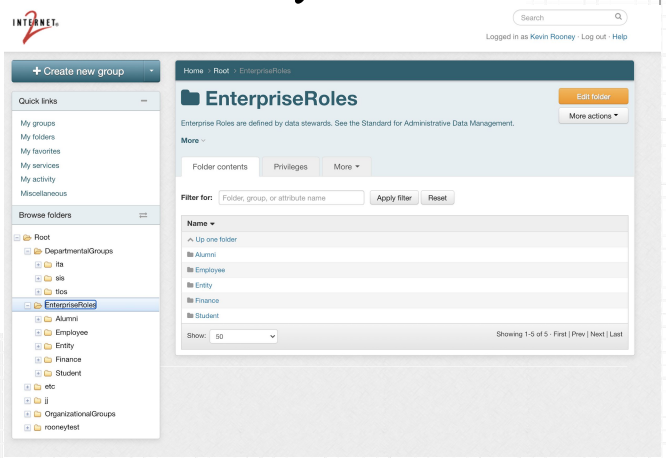
Developer: developer.it.vt.edu

You must have the VT-EMPLOYEE affiliation

You must be the admin of an ED Group in order to create your developer team

# Grouper

A core component of the Data and System Access Automation Program (DSAAP - formerly known as RBAC)



# Grouper

Ubiquitous in Higher Education and an Internet2 inCommon Trusted Access Platform component

# Grouper

Capabilities Include:

Sophisticated Groups Management

Attestation (Audit Review)

Notifications

Point-in-time auditing

Provisioning

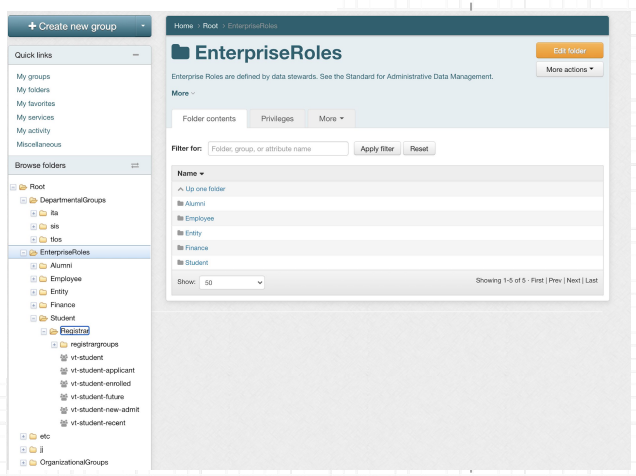
# Grouper

Initial categories of groups:

Affiliations as Enterprise Roles

Organizational Groups

Departmental Groups



# Grouper

Primary Goal:

Access Policy groups derived from attributes

# Grouper

Example:

dept:tlos:app:zoom:allow-full-access includes eroles:student:registrar:affils:vt-student-enrolled but only if you're also in dept:ita:app:zoom:licensed and not in dept:tlos:app:zoom:denied-access

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