



VIRGINIA TECH™

Secure Identity Services Updates

Gateway/Developer & Grouper

March 2021





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

APP MANAGER

Create Developer Team

Enterprise Directory (ED) apps are administered by developer teams. Developer teams are backed by an ED group and will have authorization to perform administrative functions on the ED app. New groups may be created in [Group Manager](#).

Selected:

Create Developer Team

Gateway/Developer

Developer: developer.it.vt.edu
Create Enterprise Directory
Services (also known as ED
Services)

APP MANAGER

Apps [+ Create App](#) [+ Create Developer Team](#)

Per page: 10 Filter Type to Search [Clear](#)

App	Expires	Developer Team
dev.grouper	Dec 21st 2022	sis.services.authz.products.grouper.team
grouper	Jul 30th 2022	sis.services.authz.products.grouper.team
ktestapp	Jun 8th 2022	sis.testorgeds.testbigdelete

« < 1 > »

Gateway/Developer

Developer: developer.it.vt.edu
Register URLs that can integrate
with Gateway

Dashboard for app **dev.grouper**
Expires December 21, 2022

Credential Client Id: 16f829fb-b9e5-4190-9107-8623404c1dab Client Secret: <input type="password"/> Regenerate Secret	O-Protocol Endpoint(s) https://dev.grouper.it.vt.edu/grouper/callback? client_name=client (OAUTH2) Remove https://dev.grouper.it.vt.edu/oauth2/idpresponse (OAUTH2) Remove Add Endpoint <input type="text"/> Add Endpoint
Administrator(s) keroone1 (Kevin Rooney) Shelve App	



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

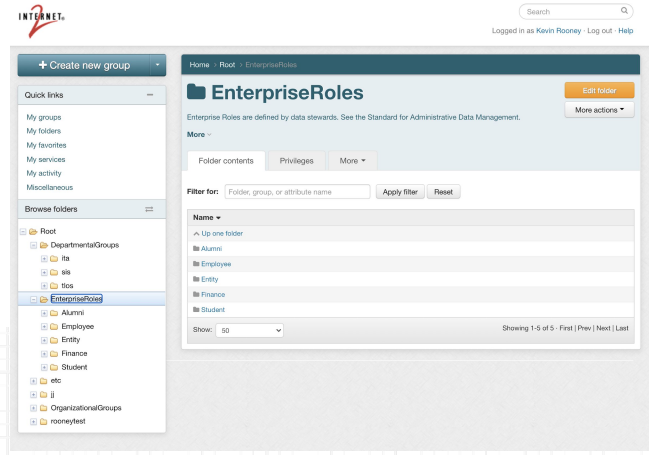
VT-EMPLOYEE affiliation

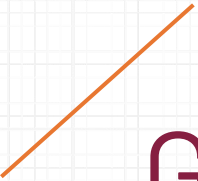
You must be the admin of an ED

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)

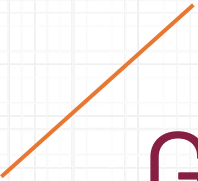




Grouper

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

The InCommon logo, consisting of the word "InCommon" in a blue, sans-serif font, with a registered trademark symbol (®) to the right. The text is set against a light gray rectangular background.



Grouper

Capabilities Include:

Sophisticated Groups Management

Attestation (Audit Review)

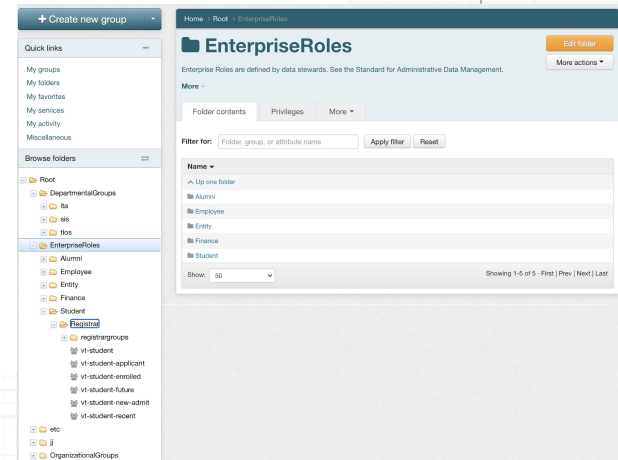
Notifications

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
`erole:student:registrar:affil: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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